

TREASURE VALLEY COMMUNITY COLLEGE



A MESSAGE FROM THE PRESIDENT

On behalf of the entire faculty and staff, I would like to welcome you to Treasure Valley Community College. I hope your decision to join the students who take classes will provide you with opportunities for academic and personal growth. As a student on our main campus in Ontario, at one of our off-campus sites in Caldwell, Burns, Lakeview or Nyssa, or at a distance via the internet from home, we hope you'll discover just what a great choice you've made!

Treasure Valley Community College can help you get started on your degree or your career path. Whether your goal is to earn an occupational/technical degree, transfer to a four-year institution, improve your skills in your current occupation, make a career change, or just take classes for personal enrichment, Treasure Valley Community College is your educational partner.

This catalog not only provides information about our extensive program offerings to help you plan your goals, it also includes information about student services and other opportunities. We understand that individual needs vary when planning career schedules and an education at Treasure Valley Community College has never been more convenient with day, evening, and online classes.

Treasure Valley offers a comprehensive college experience with numerous student activities and support services available.

Student success is important to us. Our dedicated faculty and staff are committed to fulfilling our mission in providing an affordable, quality education. Students who connect and develop relationships with faculty are more likely to succeed in college. Fortunately, our faculty truly cares about students. From extended and online office hours, to new technology approaches designed to help improve student success, our teachers are passionate about identifying barriers and solutions to the challenges students face in the classroom.

As a former Treasure Valley Community College graduate myself, I can attest to the fact that choosing to attend TVCC is a great first-step for improving your future. Part of that success, though, depends on your willingness to take advantage of the programs and services your community college has to offer. Please feel free to contact us and let us know how we can help make your experience an even better one!

Best wishes to you for a successful academic year!

Sincerely,

Randy Griffin,
Acting President

Welcome (English) • Bienvenidos (Spanish) • Ongi Eturri (Basque) • Ahlan Wa Sahlan (Arabic) • Cead Mile Failte (Irish Gaelic)
Yookoso (Japanese) • Velkommen (Norwegian) • Huan Ying (Chinese) • Hush Kelibsiz (Uzbekistan) • Laskavo Prosymo (Ukrainian)
Mukelwa (Zulu) • E Como Mai (Hawaiian) • Haere Mai (Maori) • Selmat Datang (Indonesian) • Witaj (Polish) • Hos Geldniniz (Turkish)

TABLE OF CONTENTS

About TVCC

Outreach CentersInside Front Cover

President’s Message 1

Academic Calendars 4

Admissions Checklist 5

COLLEGE OVERVIEW

About TVCC..... 6

Campus and Off Campus Centers 6

General Education Outcomes..... 6

Mission, Vision, and Goals..... 7

Accreditation 7

Faculty 7

Students 7

Foundation 7

GETTING STARTED

Step 1: Apply for Admission

General Admission 7

Immunizations 8

Students Not Seeking a Degree or Certificate..... 8

Admission for High School Students/Col-Cred..... 8

International Students 8

Step 2: Arrange for Financial Aid if Needed

How to Apply for financial Aid 9

Step 3: Determine Placement in Reading, Math, and Writing

Placement Testing 10

Step 4: Talk with an advisor and Register for Classes

Provide College Transcripts 10

Attend an Advising and Registration Session 10

Moving Through Math 11

Step 5: Pay for Classes

Payment and payment Arrangements 12

Step 6: Plan for Success

JumpStart/Freshman Orientation 12

Tuition and Fees 12

Residency Requirements..... 12

Refund/Repayment Policy..... 13

Student Insurance 14

Senior Citizen Discount 14

FINANCIAL AID

Types of Aid 14

Eligibility 15

Academic Progress 15

GENERAL REQUIREMENTS

GPA Requirements..... 15

Completion Rate Requirements 15

Maximum Credit Hours 16

Financial Aid Standards 16

Financial Aid Appeals and Reinstatement 16

Grading Symbols..... 16

Veterans Services..... 17

Consortium Agreements..... 17

Withdrawal, refunds, and Repayments of Financial Aid..... 17

ACADEMIC POLICIES AND REQUIREMENTS

Class Changes (Add/Drop)..... 18

Auditing Classes..... 18

Leave of Absence..... 18

Withdrawing from College 18

Class Attendance 18

Graduation..... 18

TRANSCRIPTS

Transcript Requests 19

Transferring Credits To and From TVCC 19

Grading..... 19

Academic Honors..... 19

Pass/Fail/Withdrawal Grade..... 19

Incomplete Grade..... 19

Grade Forgiveness 19

Non-Traditional Credit 20

Credit By Challenging a Course..... 20

College Level Examination Program (CLEP) 20

College Board Advanced Placement (AP) 21

Credit for Military Experience 21

DISTANCE EDUCATION: “TVCC @ A DISTANCE”

Web-Based Classes and Degree Programs 22

Smart Classroom 22

Steps to a Successful Start 22

STUDENT RIGHTS AND RESPONSIBILITIES

Privacy Rights 23

Parental Record Access..... 23

Student Directory 23

STUDENT RESOURCES

Academic Advising..... 23

Bookstore 23

Cooperative Work Experience 23

Counseling 24

Disabilities 24

Food and Housing..... 24

Residence Hall 24

GED Testing..... 24

International Student Services 24

Library..... 24

Parking..... 25

Testing Center..... 25

Tutoring 25

STUDENT LIFE

Associated Student Government..... 25

Athletics..... 25

Clubs/Organizations 25

Music 25

Phi Theta Kappa..... 25

Rodeo 25

Student Activities and Events 26

Theatre Arts..... 26

ADULT EDUCATION

Adult Education 26

Class Sites 26

Learning Center 26

Student Orientations 26

Adult GED Prep..... 26

College Prep..... 26

ESL 27

Spanish GED 27

American Citizenship Prep..... 27

COMMUNITY RESOURCES

Community Education 27

Continuing Education 27

Business Advising 28

CCB License Application Assistance 28

Training..... 28

TABLE OF CONTENTS

Degrees and Certificates

Customized Training	28
BizCenter	28
ED2GO	28
DEGREES AND CERTIFICATES	
Associate of Arts Oregon Transfer Degree	30
Oregon Transfer Module	31
Associate of Science Degree	32
Associate of Applied Science Degree.....	33
Professional Technical Certificates.....	34
ARTICULATION AGREEMENTS	
34	
SHORT TERM TRAINING	
35	
PROGRAMS OF STUDY	
Agriculture Overview.....	41
Agriculture Business Technician (Cert).....	43
Agriculture Business (AS to OSU)	44
Agriculture Economics (AS to Uofl).....	45
Agriculture Education (AS to Uofl)	46
Agriculture Science and Technology (AS to Uofl)	47
Animal Science (AS to Uofl).....	48
Animal Science (AS to OSU)	49
Crop Science (AS to OSU)	50
General Agriculture (AS to OSU)	51
General Agriculture (Teacher Prep) (AS to OSU)	52
Ranch Animal Technician (Cert)	53
Ranch Management (AAS)	54
Soil Science (AS to OSU).....	55
Pre-Architecture Emphasis (AAOT).....	56
Art Emphasis (AA).....	57
Biological Science Emphasis (AS).....	58
Business Overview.....	59
Applied Accounting Specialist (Cert)	61
Business Administration (AS)	62
Business Administration Emphasis (AA).....	63
Business Administration Accounting Emphasis.....	64
Business Management (AAS)	65
Business Management Accounting Option (AAS)	66
Retail Management (Cert).....	67
Chemistry Emphasis (AS).....	68
Pre-Chiropractic Emphasis (AAOT)	69
Computer Information Systems (Cert).....	71
Computer Information Systems (AAS).....	72
Computer Science (AAOT)	73
Criminal Justice: Corrections (Cert)	75
Criminal Justice (AAS).....	76
Criminal Justice Emphasis (AAOT)	77
Pre-Dental Hygiene Emphasis (AAOT)	78
Diagnostic Imaging (AAS).....	79
Economics Emphasis (AAOT)	80
Teaching Overview	81
Early Childhood Education (Cert)	83
Early Childhood Education (AAS)	84
Elementary Education Emphasis (AAOT).....	85
Instructional/Bilingual Classroom Assistant (AAS)	87
Emergency Medical Technician (Cert)	88
Engineering (Pre) Emphasis (AAOT).....	89
English Emphasis (AAOT).....	90
Geology Emphasis (AAOT)	91
Geographic Info. Systems Technology Applications (AAS).....	92
(Focus areas: Agriculture, Geography, or Heavy Equipment)	
History Emphasis (AAOT).....	93
Horse Production and Training (AAS)	94
Pre-Law Emphasis (AAOT)	95
Mathematics Emphasis (AAOT)	96
Pre-Medicine Emphasis (AAOT).....	97
Music Emphasis (AAOT).....	98
Natural Resources Overview	99
Cartography and Field Mapping Technician (Cert).....	101
Natural Resources (AAS)	102
Natural Resources (AS to OSU)	103
Natural Resources Emphasis (AS to Uofl).....	104
Natural Resources Conservation (Cert)	105
Natural Resources Environmental Technician (Cert).....	106
Natural Resources Wildland Fire (Cert).....	107
Natural Resources Wildland Fire (AAS)	108
Wildlife and Fisheries Emphasis (AS to Uofl)	109
Nursing Overview	111
Practical Nursing (Cert)/Registered Nurse (AAS).....	113
Nursing Emphasis (AS)	114
Office Administration Overview	115
Legal Office Administration (AAS)	117
Medical Office Administration (AAS).....	118
Medical Transcription (AAS).....	119
Office Administration (AAS)	120
Office Specialist (Cert).....	121
Pharmacy Technician (Cert).....	122
Pre-Pharmacy Emphasis (AA)	123
Physical Education Emphasis (AA)	124
Pre-Physical Therapy Emphasis (AA)	125
Physics Emphasis (AA)	126
Political Science Emphasis (AA)	127
Psychology Emphasis (AA)	128
Pre-Radiological Science Emphasis (First Yr. Coursework).....	129
Social Work Emphasis (AA).....	130
Sociology Emphasis (AA)	131
Structural Fire Science (AAS)	133
Theatre Emphasis (AA)	134
Pre-Veterinary Medicine Emphasis (AA).....	135
Viticulture and Enology (AAS).....	136
Viticulture: Wine Making (AAS), Wine Marketing (AAS).....	137
Welding Technology (Cert)	139
Welding Technology (AAS).....	140
COURSE DESCRIPTIONS	
Course Numbering Notes/Subject Index.....	142
Credit Course Descriptions.....	143-174
FACULTY AND STAFF	
Board of Directors/Administration	176
Faculty and Staff	176-178
STUDENTS RIGHTS AND RESPONSIBILITIES	
Student Conduct.....	179-182

ACADEMIC CALENDARS

2009-2010 and 2010-2011

Academic Year 2009-2010				
	Summer	Fall	Winter	Spring
Priority Status Due Date for Financial Aid		May 1	Dec 4	Feb 26
Payment Due	Jun 3	Aug 12	Dec 9	Mar 10
TVCC Foundation Scholarship Priority Deadline for 2009-2010				Mar 26
Classes Begin	Jun 22	Sep 21	Jan 4	Mar 29
Last Day to Register Without Instructor Approval	Jun 26	Sep 25	Jan 8	Apr 2
Last Day to Receive a Refund (must officially withdraw)	Jun 26	Oct 2	Jan 15	Apr 9
Last Day to Drop Without "W", Declare Audit, request "S" or "U"	Jul 8	Oct 16	Jan 29	Apr 23
Last Day to Withdraw from Classes Without Responsibility for Grades		Nov 13	Feb 26	May 21
First 4-Week Session Ends	Jul 17			
Second 4-Week Session Begins	Jul 20			
Petitions for Graduation Due			Feb 1	
Advising Day for Next Term		Nov 3	Feb 23	May 4
Registration for Next Term	Apr 27	Nov 16	Mar 8	May 10
Final Exam Week		Dec 7-11	Mar 15-19	Jun 7-11
End of Term	Aug 14	Dec 7	Mar 19	Jun 11
Commencement				Jun 11

Holidays 2009-2010 (Campus Closed): Independence Day (7/3), Labor Day (9/7), Veterans Day (11/11), Thanksgiving (11/26 & 27), Winter Vacation-Includes Christmas and New Years (12/14-1/3), Martin Luther King Day (1/18), Presidents Day (2/15), Memorial Day (5/31)

Academic Year 2010-2011				
	Summer	Fall	Winter	Spring
Priority Status Due Date for Financial Aid		May 1	Dec 3	Feb 25
Payment Due	Jun 2	Aug 11	Dec 8	Mar 9
TVCC Foundation Scholarship Priority Deadline for 2009-2010				Mar 25
Classes Begin	Jun 21	Sep 20	Jan 3	Mar 28
Last Day to Register Without Instructor Approval	Jun 25	Sep 24	Jan 7	Apr 1
Last Day to Receive a Refund (must officially withdraw)	Jun 25	Oct 1	Jan 14	Apr 8
Last Day to Drop Without "W", Declare Audit, request "S" or "U"	Jul 7	Oct 15	Jan 28	Apr 22
Last Day to Withdraw from Classes Without Responsibility for Grades		Nov 12	Feb 25	May 20
First 4-Week Session Ends	Jul 16			
Second 4-Week Session Begins	Jul 19			
Petitions for Graduation Due			Jan 31	
Advising Day for Next Term		Nov 3	Feb 15	May 3
Registration for Next Term	Apr 26	Nov 16	Mar 7	May 9
Final Exam Week		Dec 6-10	Mar 14-18	Jun 6-10
End of Term	Aug 13	Dec 10	Mar 18	Jun 10
Commencement				Jun 10

Holidays 2009-2010 (Campus Closed): Independence Day (7/5), Labor Day (9/6), Veterans Day (11/11), Thanksgiving (11/25 & 26), Winter Vacation-Includes Christmas and New Years (12/13-1/2), Martin Luther King Day (1/18), Presidents Day (2/21), Memorial Day (5/30)

Ontario, Oregon Campus

- APPLY FOR ADMISSION ONLINE**
Stop by the Student Services Center, or print out an application at www.tvcc.cc/admissions/app.cfm or [www.tvcc.cc/admissions.application.pdf](http://www.tvcc.cc/admissions/application.pdf), or call (541) 881-8822 ext. 239/339 and request an application be mailed.
- APPLY FOR FINANCIAL AID**
Apply at www.fasfa.ed.gov or applications are available from the Financial Aid Department, call (541) 881-8822 ext. 286.
- TAKE THE COMPASS PLACEMENT TEST**
Call (541) 881-8822 ext. 417 to make an appointment, or go online at www.tvcc.cc/testing/testing_center.cfm to view and print current testing schedule and information.
- ATTEND AN ADVISING AND REGISTRATION SESSION**
Go online at www.tvcc.cc/advise_reg.cfm, or call (541) 881-8822 ext. 200/239 to make an appointment.
- SUBMIT OFFICIAL TRANSCRIPTS**
If you have previously attended other schools, colleges, or universities, submit an official transcript from each institution to: TVCC, 650 College Blvd, Ontario, OR 97914.
- PAY TUITION AND FEES**
Check for tuition due dates at www.tvcc.cc, or call (541) 881-8822 ext. 200 for payment options. Pay online at <http://campusweb.tvcc.cc/exweb>, enter student ID and six-digit birth date. At your personal site, select "My Accounts," then the payment option.
- BUY BOOKS AT THE TVCC BOOKSTORE**
Call (541) 881-8822 ext. 269 for more information, phone orders, and hours of operation.
- APPLY FOR HOUSING**
Visit <http://studentlife.tvcc.cc>, or call (541) 881-8822 ext. 287 for more information.
- GET YOUR FREE PHOTO STUDENT ID**
ID cards are issued at the Library. For library hours, visit www.tvcc.cc/library.

Caldwell, Idaho Center

- Stop by the Caldwell Center, or to print out an application, visit www.tvcc.cc/admissions/app.cfm or [www.tvcc.cc/admissions.application.pdf](http://www.tvcc.cc/admissions/application.pdf). If you wish to have an application mailed to you, call (208) 454-9911.
- APPLY FOR FINANCIAL AID**
Apply at www.fasfa.ed.gov or applications are available from the Financial Aid Department. Call (541) 881-8822 ext. 286, or pick one up at the Caldwell Center.
- TAKE THE COMPASS PLACEMENT TEST**
Call (208) 454-9911. No appointment necessary. Monday through Friday, 8:00 am to 3:30 p.m..
- ATTEND AN ADVISING AND REGISTRATION SESSION**
Call (208) 454-9911 for an appointment.
- SUBMIT OFFICIAL TRANSCRIPTS**
If you have previously attended other schools, colleges or universities, submit official transcript for each institution to: TVCC, 650 College Blvd, Ontario, OR 97914.
- PAY TUITION AND FEES**
Check for tuition due dates at www.tvcc.cc, or call (541) 881-8822 ext. 200 for payment options. Pay online at <http://campusweb.tvcc.cc/exweb>, enter student ID and six-digit birth date. At your personal site, select "My Accounts," then the payment option.
- BUY BOOKS AT THE TVCC CALDWELL BOOKSTORE**
Call (208) 454-9911 for more information and hours of operation.
- GET YOUR FREE PHOTO STUDENT ID CARD**
ID cards are issued at the Caldwell Center. Call the Caldwell Center at (208) 454-9911 for days and times ID cards are issued.

EQUAL OPPORTUNITY: NON-HARASSMENT AND ANTI-DISCRIMINATION

(The College) TVCC is an equal opportunity entity. TVCC, its employees and agents shall not discriminate or harass others in its employment, admissions, services, benefits, education and athletic practices or activities on the basis of race, religion, ethnicity, use of native language, color, sex, national origin, marital status, sexual orientation, age if the individual is 18 or older, physical or mental disability, veteran status (disabled or Vietnam Era), height to weight ratio, organization or political affiliations. The prohibition against harassment or discrimination based on the use of native language does not require the College to offer classes in any language other than English.

Each qualified person shall receive reasonable accommodation to ensure equal access to educational opportunities, programs and activities, in the most integrated setting. Requests for reasonable accommodation can be made by calling (541) 881-TVCC (8822) ext. 234.

This catalog is published for informational purposes and every effort is made to insure accuracy at the time of printing. However, the provisions in this catalog are not to be regarded as an irrevocable contract between the student and the college. Treasure Valley Community College reserves the right to change any provision or requirement at anytime. Students are advised to study the class schedule and to work closely with a counselor or advisor.

This document is also available at www.tvcc.cc

About TVCC

WHO WE ARE

Treasure Valley Community College - operating under the authority of Chapter 341 of the Oregon Revised Statutes, is committed to serving all constituents within its district and service area. The College opened in the fall of 1962. Classes were originally scheduled at Ontario High School during the late afternoon and early evening. The first TVCC commencement was held the following spring when students enrolled in the Licensed Practical Nursing program graduated.

Beginning with a solitary building, TVCC moved to its present location in 1965. Several buildings were added over the years and today there are 13 major buildings on campus. The enrollment has increased significantly since the early days, and the college now serves 9,000 students annually. Growth has not altered the TVCC approach to education. Caring, competent instructors and staff welcome all students to excellent, affordable educational opportunities in a pleasant rural setting. The College continues to grow and flourish, always seeking to meet the needs of its community.

THE ONTARIO CAMPUS

The 90 acre campus sits near the center of Ontario, Oregon, providing easy access for city residents. Major campus attractions include residence halls, a professional-technical complex, a multi-purpose activities center, and a gymnasium/athletic complex. The College is also the site of the Malheur County/Oregon State University Extension Service and the Eastern Oregon University Outreach Center.

Students at TVCC have easy access to shopping areas, movie theaters, restaurants, and a number of cultural and recreational facilities. Ontario maintains a small-town atmosphere while serving as a commercial, recreational, medical, and industrial center for Malheur County and the surrounding area. The city is located in the Treasure Valley, near the Snake River and little more than a mile from the Idaho border. Boise is 55 miles away and brings a cosmopolitan flavor to the valley. The area is well known for outdoor activities. Students can quickly drive to excellent skiing, hunting, fishing and hiking sites.

The Heinz Ore-Ida Sports Complex, located at TVCC, is a top local venue for team sports such as baseball, softball, tennis, and soccer. Many regional school and community athletic events are held at the complex.

The Four Rivers Cultural Center and museum opened its doors on the TVCC Campus in 1997. This first-class facility also houses the Student Services Center, the Performing Arts department, and the College Bookstore. The performing arts center, with a seating capacity of more than 600, is a major part of the complex.

The center can host large conferences and community events. It is dedicated to enhancing the appreciation and respect for all cultures. The contributions of early settlers to the region are featured, including those from ethnic groups such as the Basques, Japanese Americans, Northern Paiutes, and Hispanics. The Horace and Roa Arment Indian Artifact Collection is maintained and displayed at the Four Rivers Cultural Center. The display features a variety of arrowheads, stone tools, and other artifacts of Indian culture.

CALDWELL CENTER

The Caldwell Center is a satellite of TVCC and has provided a progressively diverse range of courses to southwest Idaho residents since 2003. Courses offered through the Caldwell Center include college preparation, college transfer and professional-technical classes. Students at the Caldwell Center are typically enrolled in courses leading to a degree, with the majority of students planning to transfer to a four-year college or university in Idaho or Oregon.

The Caldwell Center offers a broad menu of student services which include academic advising, placement testing, class registration, financial aid assistance, and career planning. In addition, students have free access to tutorial support as well as student activities. The relatively small size of the Caldwell Center allows students to experience a personal, supportive learning environment. Classes are scheduled throughout the day between 8:00 a.m. and 9:00 p.m. Classes are offered in traditional classrooms, via an interactive classroom connected with the Ontario campus, and over the web. Students may take classes at both the Caldwell Center and the Ontario campus.

As a self-support center, the Caldwell Center operates entirely on student tuition and fees for all related expenses. See page 11 for tuition and fees for Caldwell Center.

The Caldwell Center is conveniently located between the communities of Caldwell and Nampa, Idaho, approximately 45 miles from the Ontario campus. It has ample parking, with easy access to near-by convenience stores and restaurants.

COMMUNITY OUTREACH CENTERS

The college provides outreach services throughout the region. Outreach centers are located in Harney County at the Burns Outreach Center, Lake County at the Lakeview Outreach Center and Warner Creek Correctional Institution (WCCI), and at the Snake River Correctional Institution (SRCI) located in Ontario.

Outreach centers or sites provide services and classes in a variety of ways:

- Traditional classes are presented at specifically scheduled times and locations with an approved instructor.
- Non-traditional open entry/open exit classes or flexible schedules allow students to work at home or at a designated outreach center

TVCC is About Learning...

GENERAL EDUCATION LEARNING OUTCOMES

As the heart of a whole education, General Education learning outcomes are integrated into all degree programs. It is the part of the college's program that serves as the common core of each student's education, providing aspects of the college's program that are aimed at helping each graduate enjoy a lifelong process of inquiry and decision-making as a citizen of many complex and diverse communities. Students will be continually assessed during their academic career at TVCC. The General Education core curriculum is designed to help students develop and improve in the following ways:

COMMUNICATION

Students will communicate effectively orally and in writing, using appropriate language and modality.

CRITICAL THINKING

Students will explore, reach, and support appropriate conclusions through the analysis, synthesis and evaluation of information and varying opinions.

QUANTITATIVE REASONING

Students will problem solve with appropriate technology, using data, graphs and symbols.

ATTITUDES AND VALUES

Students will demonstrate personal responsibility for their learning and will respect the influences of diverse cultural perspectives.

at their convenience.

- Distance Learning classes utilize computer or video technologies. A wide range of courses are offered in a variety of formats.

MISSION STATEMENT

TVCC is a comprehensive rural community college providing excellent quality educational opportunities and cultural enhancement in a financially responsible manner throughout our service area.

VISION STATEMENT

TVCC will be an excellence driven institution with a global perspective that continues to offer quality programs as an evolving model rural comprehensive college.

GOALS

Looking to its community as both a resource for and a beneficiary of its programs, TVCC seeks to fulfill its mission by:

- providing college-university lower division courses for students to obtain an Associate Degree, or transfer to a four year institution;
- providing professional-technical courses and ..programs designed to:
 - prepare students for immediate employment
 - update and/or retrain for the changing workforce
 - prepare for career advancement
- providing developmental education courses necessary to acquire basic skills needed for personal success, high school completion, or entry into academic or professional-technical programs;
- reaching out to the communities by responding to their needs for lifelong learning, continuing and community education;
- facilitating growth and development of students by providing personal and support services to meet individual needs to maximize student success;
- developing and supporting activities and facilities for the civic, cultural, social, and recreational interests of the students and the community.

ACCREDITATION

The College is accredited by the Northwest Commission on Colleges and Universities. This institutional accrediting body is recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. The seven elected members of the TVCC Board of Education serve staggered four-year terms. The Board sets policy that governs all activities and programs of the college; including property, personnel and finances. The Board approves the annual budget, staff and curriculum.

FACULTY

Faculty is composed of approximately 45 full-time instructors and numerous part-time instructors. Instructors of transfer courses have a scholarly background in their major field and have earned a Master's degree or higher. Faculty in professional-technical programs have a rich background which combines education with practical, on-the-job experience. All faculty and staff are encouraged to continue professional development. Faculty members also advise students and help them develop educational plans. Many faculty members donate several hours a week to assist in student activities, clubs, and special events. Part-time instructors serve in nearly every instructional program and are an integral part of the TVCC success story.

STUDENTS

TVCC serves over 9,000 students annually. Most of the students are from Oregon or the neighboring Idaho communities. The largest group of stu-



dents is 18-23 years old but many older returning adults are also served. About 40% of the students take courses for academic transfer. More than 25% enroll in one of the many professional-technical programs offered. Other students enroll for personal enrichment, professional development, or the skill preparation necessary to enter an academic or professional-technical program. More than 55% of the students attending TVCC are women.

Because TVCC is a small college, the emphasis is on individual learning. Faculty involvement, small classes, student activities, and individualized attention contribute to an appealing academic and social atmosphere where students succeed.

FOUNDATION

Founded in 1963, the TVCC Foundation is a charitable nonprofit organization that supports TVCC by generating private funds for college programs. Managed by a board of directors comprised of community and business leaders, the Foundation secures and manages funds for scholarships, equipment, facilities, and programs.

For information on the TVCC Foundation, contact the Executive Director at 541-881-8822 ext. 201.

Scholarships for varying amounts based on a variety of criteria are provided by the Foundation. For a complete list of scholarship opportunities, please contact the TVCC Foundation at the number listed above.

Step 1

Apply for Admission

ADMISSIONS OFFICE
STUDENT SERVICES CENTER • EXT. 239

GENERAL ADMISSION

The college has an open door admission policy and welcomes all students who can benefit from the instruction offered, regardless of educational background. Any student wishing to enroll in classes should complete an application for admission found on-line at www.tvcc.cc/admissions/app.cfm or at the Student Services Center. See page 5 of this catalog for the admission process checklist.

GETTING STARTED

Apply for Admission



DEGREE SEEKING STUDENTS

Unrestricted admission is open to adults who have a high school diploma (or equivalent) or whose high school class has graduated. Other applicants may have to meet special requirements and should contact Admissions for more information.

RESTRICTED ADMISSIONS

The following instructional programs have special application procedures and requirements that must be met prior to enrollment:

- Electrical Apprenticeship
- Emergency Medical Technician
- Nursing

Contact the Student Services Center or the appropriate instructional department for further information on programs with special application procedures.

IMMUNIZATIONS

Oregon law requires all community college students enrolled in allied health programs, early childhood education, or intercollegiate sports to show proof of measles, mumps, and rubella vaccination. A select number of courses and programs at TVCC have the potential to expose students to Tuberculosis, Hepatitis-B Virus and Human Immunodeficiency Virus. Therefore, these courses will require students to provide proof of HBV and/or TB inoculation.

STUDENTS NOT SEEKING A DEGREE OR CERTIFICATE

Students not seeking a degree or certificate may register during open registration periods and do not need to submit official transcripts from other institutions attended. See the quarterly schedule for information about registration dates.

Admission FAQs

WHEN SHOULD I APPLY FOR ADMISSION?

Apply at least one quarter before attending, and we will send you information about up-coming advising and registration sessions and other information you request. You may apply and register right up to the beginning of the quarter.

IS THERE AN ADMISSION FEE? No.

CAN I GET A TOUR? Yes. Call ext. 339.

ADMISSION FOR HIGH SCHOOL STUDENTS

The College values partnerships with local high schools to provide students with a seamless education. Specific information on high school relations and enrollment procedures is available in Admissions or on the TVCC website.

COL-CRED

TVCC participates in a dual-credit program with local high schools in Oregon and Idaho. Classes are taught on the high school campus by qualified high school instructors. Students earn college credits at a reduced cost without leaving their high school. Interested students should contact the Col-Cred coordinator at ext. 339, or check with their local high school counselor for further information about this program.

COLLEGE CHOICE

High school juniors or seniors with a cumulative GPA of 3.0 or higher are eligible for this program. Qualifying students may take one class per quarter without paying tuition. Contact a local high school counselor or the TVCC program coordinator at ext. 339, for further information.

TECH-PREP 2 + 2

Students earn college credits at a reduced cost without leaving their high school. Contact the Col-Cred coordinator at ext. 339, or check with their local high school counselor for further information about this program.

STUDENTS YOUNGER THAN 18

Students under the age of 18 who have not graduated from high school or have a GED need to complete an underage enrollment application, available at the Student Services Center. Underage students must obtain permission from their high school or Educational Service District, or show proof of release from compulsory education. Students and their parents must meet with the Dean of Student Services and complete the admissions process before registering for classes.

ADMISSION FOR INTERNATIONAL STUDENTS

TVCC welcomes international students and offers a personal, supportive learning environment. International students seeking admission must provide the following:

- Proof of completing a high school diploma or equivalent
 - Proof of age - International students must be at least 18 years of age
 - A completed TVCC Application form
 - Official transcripts from all previous high schools, colleges, or universities
 - An original, current bank statement with a balance equal to the cost of one year of tuition, fees, and living expenses
 - Proof of health insurance
 - Evidence of English language proficiency. This should be furnished by all applicants whose native language is not English
- **Examples of methods for demonstrating English proficiency are shown below:**
- An official TOEFL score of at least 173 on the computer version or at least 500 on the written version
 - Graduation from a U.S. high school
 - Completion of an ESL (English as a Second Language) Program
 - Other

An international student who is transferring from another college must also submit:

- Photocopy of all previously issued I-20's
- Photocopy of the I-94 card and picture page from passport
- Completed transfer eligibility form from the previous school
- Mail or fax (541) 881-2721 all international admissions documents to:
International Admissions Coordinator
Treasure Valley Community College
650 College Boulevard
Ontario, Oregon, US 97914

Step 2

Arrange for Financial Aid if Needed

TVCC FINANCIAL AID
STUDENT SERVICES CENTER • EXT. 286

HOW TO APPLY FOR FINANCIAL AID

Federal Aid – All students may complete the Free Application for Federal Student Aid (FAFSA) on paper or online. TVCC's federal Title IV school code is 003221. The FAFSA application can be completed online at www.fafsa.ed.gov. Continuing students must reapply each academic year by completing a FAFSA or Renewal FAFSA.

State Aid – Residents of the State of Oregon may also be eligible for a variety of scholarships or grants offered by the Oregon Student Assistance Commission. All Oregon residents should complete the federal FAFSA application and apply for Oregon scholarships through the Oregon Student Assistance Commission at www.getcollegefunds.org. TVCC Financial Aid distributes grants and scholarships to students deemed eligible by the Oregon Student Assistance Commission.

Institutional Aid – The college offers a variety of tuition waivers and scholarships to students participating in school clubs, organizations, athletic teams, and performing arts programs. Tuition waivers and scholarships are offered by individual departments and interested students should contact each department for application instructions or information concerning the availability of aid.

College Scholarships – Each academic year, the TVCC Foundation awards scholarship aid to students completing a TVCC Foundation Scholarship application. Eligibility for TVCC Foundation scholarship aid is competitive and awards are determined by a committee based upon students' application materials, academic history, community involvement, and financial need. (Note: not all applicants are awarded scholarships.) TVCC Foundation Scholarship applications are available at the Ontario main campus, at any of the TVCC extension centers, or online at www.tvcc.cc/foundation. Applications are reviewed each spring for the upcoming academic year and are published with an application deadline. Refer to the TVCC Foundation Scholarship Application for the current application deadline.

"Outside" Scholarships - There are many other sources of student financial aid available through private foundations, companies, service clubs, or other organizations that are not directly managed by TVCC Financial Aid. Many scholarships require separate applications. TVCC Financial Aid maintains several outside scholarship informational resources online at <http://financialaid.tvcc.cc>.

Important details relevant to financial aid information and regulations may be found on page 13.



Financial Aid FAQs

CAN I RECEIVE FINANCIAL AID IF I'M NOT A FULL-TIME STUDENT?

Yes. Student loans are available to students registered for six or more credits. Students qualifying for a Pell grant may receive aid as a part-time student. Scholarships, tuition waivers, and eligibility requirements vary, and students should check with specific funding sources for requirements and regulations.

WHEN DO I APPLY FOR FINANCIAL AID?

Apply early: state aid and work study funding are available on a first-come, first-served basis. Fill out the FAFSA and complete all the required documents by the priority date published in the quarterly schedule.

IS THERE FINANCIAL AID AVAILABLE OTHER THAN FEDERAL FINANCIAL AID?

Yes. Check on-line at <http://financialaid.tvcc.cc> for a listing of various sources of funding, including scholarships, tuition assistance, talent grants, loans, and scholarship searches.

WHEN DO I RECEIVE MY FUNDING?

Financial aid is dispersed the 3rd Tuesday of each quarter.

GETTING STARTED

Advising



Step 3 Determine Placement in Reading, Math, and Writing

TESTING CENTER
FOUR RIVERS CULTURAL CENTER • EXT. 417

PLACEMENT TESTING

Students must take the COMPASS exam if they are seeking a college degree or certificate, or are planning to take a math or English course in college for the first time. Students who have taken math and/or writing courses at another college will not be required to take the placement exam if they provide a transcript showing successful completion.

COMPASS measures reading, math, and language-usage skills. This computer-adapted assessment program was developed specifically for community college students and is used nationwide. Scores will determine placement in English and math classes. Students who use COMPASS results when selecting classes are more likely to succeed.

The cost of assessment is included in the universal fee. Students are encouraged to take COMPASS as soon as possible. There is a \$10 fee to re-take COMPASS. Students may re-take COMPASS once per quarter.

Step 4 Talk with an Advisor and Register for Classes

ADVISING
STUDENT SERVICES CENTER • EXT. 200

PROVIDE COLLEGE TRANSCRIPTS

Submitting any previous college transcripts to admissions and requesting they be evaluated is the first step in effective advising. Any previous grade point average will not become part of TVCC's GPA, but the classes will be listed on the student's advising transcript.

ATTEND AN ADVISING AND REGISTRATION SESSION

Students meet with a general advisor at new student orientations, held before each quarter begins. Students are given general information about the college and the registration process. Students bring a copy of their placement test and college transcripts. Advisors help create a class schedule, answer questions, and clarify degree requirements.

Following the advising session, students can register for classes at the Student Service Center. Reservations for orientation can be made online at www.tvcc.cc/advise_reg.cfm or by calling ext. 200 or 239. Students unable to attend a group session can schedule an advising appointment.

Advising FAQs

HOW DO I FIGURE OUT WHAT COURSES TO TAKE AND WHEN?

Meet with your faculty advisor to plan your degree and schedule classes each quarter. Degree programs and suggested courses of studies begin on page 29 of this catalog.

HOW DO I FIND WHO MY FACULTY ADVISOR IS?

Your advisor is assigned by your program of study. You'll find your assigned advisor listed on your quarterly bill, in the personal information section of your CampusWeb account, on your advising transcript, and on the college website at <http://www.tvcc.cc/Admissions/advisorlist.cfm>.

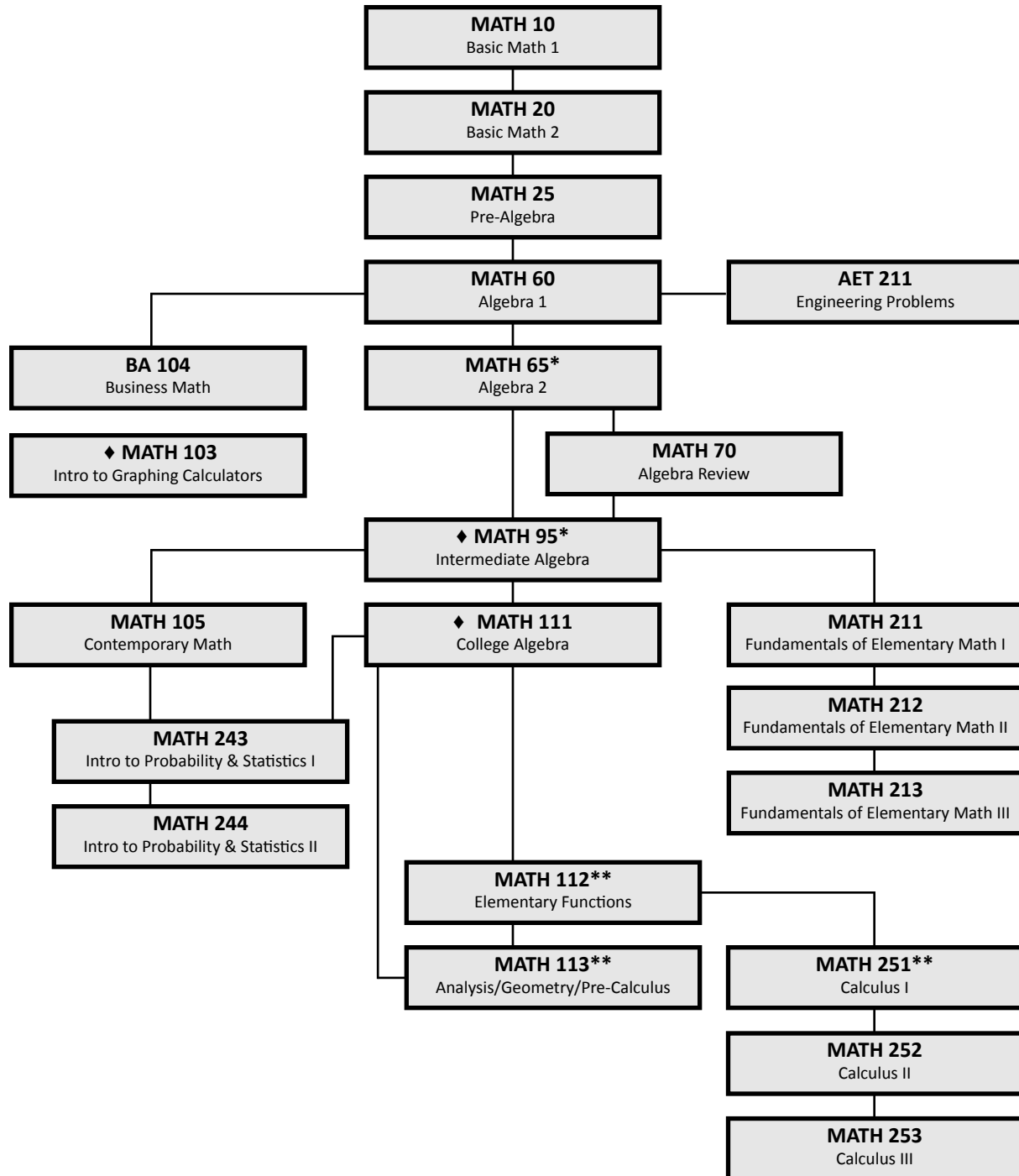
WHO CAN HELP ME CHOOSE A PROGRAM OF STUDY AND A CAREER?

Career counseling is available by making an appointment at ext. 200. Career planning classes are also available.

WHAT IS THE BEST WAY TO GET STARTED?

Come to an Advising & Registration session. You can register for a session at http://www.tvcc.cc/ar_location.cfm.

MOVING THROUGH MATH



* Must complete MATH 60 and MATH 65 with "A" to skip MATH 70.

** Completion of MATH 112 with at least a "C" is a prerequisite for MATH 251. MATH 113 is strongly recommended before MATH 251.

◆ Math 103 is a corequisite for MATH 95 and MATH 111 if MATH 70 was not completed at TVCC.

GETTING STARTED

Pay for Classes

Step 5 Pay for Classes

BUSINESS OFFICE
STUDENT SERVICES CENTER • EXT. 200/207

PAYMENT AND PAYMENT ARRANGEMENTS

Payment and payment arrangements must be made by the payment due date. Tuition rates and payment due dates are published in the quarterly schedule. Students may pay with cash or by check, Visa, or Mastercard, and may arrange for a deferred payment plan by visiting or contacting the Business Office.

The amount of tuition students pay is determined by number of credits taken and residency. There are additional fees attached to tuition. A detailed description of tuition and fee rates is found in the quarterly schedule and on page 11 of this catalog.

Students should not assume they will not be charged for classes if they do not attend - it is solely the student's responsibility to withdraw from classes. There is a 100% refund available for the first two weeks of the term (excluding summer), and any student may take advantage of the refund period by completing a withdrawal form. More information about money matters may be found in "Money Matters".



Step 6 Plan for Success

ADVISING
STUDENT SERVICES CENTER • EXT. 200

JUMPSTART

Getting registered for the first term is only the beginning. There are several resources to help students navigate the process of entering TVCC for the first time. Register for Jump Start, a three-day learning experience just before fall quarter, designed to build writing or math skills, or earn credits, introduce leadership skills, and create a sense of community with other students, staff and faculty.

FRESHMAN ORIENTATION

HDEV 112, Freshman Orientation, or HDEV 120, College Survival and Success, is a mandatory class for all first-time freshman seeking a certificate or degree. Both these courses are designed to examine individual student needs, create long term academic plans, teach college success skills, introduce college resources and expectations, and explore career opportunities.

Faculty advisors are assigned to students by their intended field of study. Students meet with their faculty advisor to create educational plans, schedule classes, and explore opportunities for employment and transfer.

Advising and counseling is available to help with career planning and choosing a program of study. Having a focused goal increases student "staying power".

Tutoring and tutoring labs are available for students who need additional assistance to be successful in math, writing, and other subjects.

Money Matters

BUSINESS OFFICE
STUDENTS SERVICES CENTER • EXT. 200/207

TUITION AND FEES FOR 2009-2010

The following tuition and fees reflect the 2009-2010 academic year and are subject to change.

OREGON RESIDENTS

- Tuition, per credit.....\$73.00
- Col-Cred tuition, per credit\$40.00
- Student Fee, per credit\$4.00
- Universal Fee, per credit\$8.00

OUT OF STATE RESIDENTS

- Tuition, per credit\$83.00
- Student Fee, per credit\$4.00
- Universal Fee, per credit\$8.00

INTERNATIONAL STUDENTS

- Tuition, per credit.....\$125.00
- Student fee, per credit\$4.00
- Universal Fee\$8.00

IDAHO CENTERS

- Tuition, per credit\$90.00
- Col-Cred tuition, per credit\$45.00
- Student Fee, per credit\$4.00
- Universal Fee, per credit\$8.00

ONLINE (INTERNET) COURSES

- Tuition, per credit\$88.00
- Student Fee, per credit\$4.00
- Universal Fee, per credit\$8.00

The tuition window for Oregon campus-class tuition is 15-20 credits (no change for tuition credit courses between 15-20 credits with tuition rates again at the 21st credit). Idaho Centers and Online/Video courses are excluded from the tuition window.

REQUIRED FEES:

- **Universal Fee:** A non-refundable fee that covers the cost of admission, registration, placement testing, and most class or lab fees. Some classes may have additional fees.
- **Student Activity Fee:** A non-refundable fee that supports student activity programs and student government.

RESIDENCY REQUIREMENTS

Students qualifying as an Oregon resident for tuition purposes must meet one of the following conditions:

- Establish Oregon as a permanent home for purposes other than attending school 12 months before starting college. The 12 month residency period must be completed before the first day of the first term of enrollment.
- Be claimed as a dependent of a person having maintained residency status in Oregon for 1 year. The 12-month residency period must be completed before the first day of the first term of enrollment.
- Be the spouse or dependent of an active-duty military person stationed in Oregon.

Proof of residency is a student responsibility. Residency for each applicant is determined from information provided at the time of application. The



college staff may require additional information to verify residency. Acceptable evidence of residency can be any of the following items:

- A valid Oregon driver's license.
- An Oregon voter registration card.
- Oregon registration of motor vehicles.
- Record of purchase of property in Oregon.
- Rent receipts (college residence hall receipts not applicable).
- Utility billing statements in the student's name.

Money FAQs

WHAT IF I CAN'T PAY MY WHOLE BILL BY THE PAYMENT DUE DATE?

You may arrange a three payment plan. Contact the Business Office for details.

CAN I GET MY MONEY BACK IF I DECIDE NOT TO ATTEND?

Yes. Students are entitled to a 100% refund of regularly scheduled classes (excluding summer) during the first two weeks of the term.

WILL MY SCHOLARSHIP BE USED FOR TUITION AUTOMATICALLY?

Not necessarily. Different organizations have specific steps to follow to access awarded scholarship monies. Check with your funding sources to make sure your monies are available at the beginning of the term.

DEFERRED PAYMENT

Students may be allowed to pay tuition and related costs in installments rather than in one lump-sum payment. The College's credit policy is as follows:

- Students who defer payment will be charged a deferment fee of up to \$25.
- All payment extensions must be approved through the Business Office.

A student who defaults on a note will not be able to defer payment in future terms. Defaulted notes will result in a late charge of \$25 and all collection costs and attorney fees incurred.

GENERAL REFUND/REPAYMENT POLICY

A refund of tuition and fees will be made in accordance with the following policy. Specific refund deadlines for each quarter are published in the academic calendar and the quarterly class schedule.

Success FAQs

DO CLASSES TRANSFER TO OTHER COLLEGES?

Yes. Lower Division transfer courses are accepted at other universities and colleges. The receiving institution decides how individual classes transfer - as electives or meeting general education requirements. Professional-technical courses may also transfer, but that is at the discretion of the receiving institution.

CAN TVCC HELP ME EARN MY GED?

TVCC offers GED preparation classes and is an official test center for the GED examination. Information is available at ext. 265.

WHAT'S THE DIFFERENCE BETWEEN AN AAS AND AN AAOT?

An Associate of Applied Science degree (AAS) offers specialized training for direct entry into the workforce, although some professional-technical courses transfer to other colleges. An Associate of Arts Oregon Transfer degree (AAOT) is designed to transfer into a bachelor's degree program and meets the freshman and sophomore general education requirements at Oregon and Idaho universities and colleges.

FINANCIAL AID

Types of Financial Aid

For classes that begin the first week of the quarter:

- 100% refund is granted upon withdrawal before the end of the 10th business day of the Fall, Winter, and Spring quarters.
- 100% refund is granted upon withdrawal before the end of the 5th business day of the Summer quarter.
- NO REFUND is granted after the 10th business day of the quarter, or after the 5th business day of the summer quarter.
- A full refund for non-credit classes will be granted if a withdrawal request is made at least two working days prior to the first day of class. Withdrawal requests must be made by calling 541-881-8822 ext. 407, or ext. 281. Appeals to this policy may be made in writing to the Division of Extended Learning.

For classes that begin after the first week of the quarter:

- Refunds are calculated as above, based upon the published starting date of the quarter.

Continuing and Community Education, and non-credit courses:

- 100% refund until the first day of class.
- NO REFUND beginning the first class day and thereafter.

FULL-TIME STUDENT COSTS

Full-time student eligibility varies according to student status (e.g. student-athlete, financial aid recipient, or international student). Students should consult the appropriate college official to determine student status. In most cases, students who enroll in 12 or more credits are considered full time. Most degree programs, however, require at least 90 credits to complete. Many students strive to complete a degree in six quarters and must average 15 credits a quarter to do so.

STUDENT INSURANCE

Coverage is included in the bill paid by full-time students and may be waived at registration. Part-time students (3-11 credits) may acquire coverage by submitting a completed enrollment form and making payment directly to the carrier. For additional information about student insurance, contact the Business Office at ext. 207.

RESIDENCY HALL FEES

Students living in the residence halls are required to purchase a meal plan. Meal plans may also be purchased separately. For additional information, contact Student Housing at ext. 278.

SENIOR CITIZEN DISCOUNT

Any Oregon resident, aged 60 or older, may enroll in a TVCC tuition-based class for 50% of the applicable tuition rate. Enrollment in most classes is on a space-available basis. The tuition reduction does not apply to classes such as video or web-based classes, or contract out-of-district programs.

WORKFORCE TUITION ASSISTANCE

TVCC will waive tuition and fees for the first quarter of attendance for displaced workers, displaced homemakers, unemployed adults, and other adults who need training or retraining. This program is available to any adult, age 24 or older, who is a first-time, full-time student at the Ontario campus in a professional-technical program leading to a certificate or degree. Participants are responsible for their own books and supplies. They must apply for federal financial aid. Any financial aid grant monies received for the first quarter will be applied toward the tuition and fees waived by TVCC.

GED TRANSITION WAIVERS

Upon completion of the TVCC GED program, students are eligible for a tuition waiver for one or two college classes, depending upon their GED scores. All TVCC GED graduates will receive a tuition waiver for one class, while students who pass three or more GED exams with a score of 500 or higher will receive a waiver for an additional class. This program cov-

ers tuition and fees associated with the class. Students must satisfy other normal admission criteria, maintain satisfactory academic progress, and arrange for financial aid for additional classes, if needed. Interested students should see their GED advisor for details.

Financial Aid

STUDENT SERVICES CENTER • EXT. 286

A variety of services and resources are offered through the TVCC Financial Aid department designed to help students locate and secure funding for college. TVCC Financial Aid administers student aid from three major sources – federal aid, state aid, and institutional aid. TVCC Financial Aid also coordinates the receipt and distribution of a variety of outside sources of student financial aid.

TYPES OF STUDENT AID AVAILABLE

Grants, scholarships, tuition waivers, work programs, and student loans are the most common types of financial aid awarded to students.

Grants are awards that are usually based on need and do not have to be repaid upon completion of a degree. Grants form the foundation of a financial aid package, upon which other aid may be added, depending on eligibility.

Scholarships are gift aid which may be based on academic achievement, particular skills, talents, abilities or interests, and may or may not be based on financial need. Most scholarships do not have to be repaid.

Tuition waivers are similar to scholarships but do not represent actual cash. Rather, tuition waivers are a cancellation of part or all of the quarterly tuition charges.

Work programs such as Federal Work Study are need-based awards and are designed to provide students with employment opportunities to help meet the cost of education.



GENERAL REQUIREMENTS

GPA Requirements



Loans are borrowed funds used to help pay educational expenses. Loans must be paid back. A variety of loans, both need-based and non-need based, are available to students and their parents.

ELIGIBILITY FOR STUDENT AID

Three components are used to determine financial need and eligibility for financial aid: Cost of Attendance, Expected Family Contribution (EFC), and enrollment status. Each college or university in the U.S. develops its own Cost of Attendance budget(s) with consideration for tuition, fees, books and supplies, room and board, transportation, dependent care expenses, loan origination fees, and personal allowance (or miscellaneous expenses). A cost of attendance budget will depend on a student's permanent address (state of residency), housing plans while in school, the number of dependents a student has (if any), and enrollment status (the number of credits enrolled in each term.) TVCC financial aid uses standardized amounts or calculations for each of these budget items and customizes a budget according to the individual's situation as described above. Expected Family Contribution (EFC) is computed by the U.S. Department of Education's processing center using the information provided on the FAFSA application. The EFC will usually appear on the Student Aid Report (SAR) in the upper right hand corner of the first page. The student's EFC is subtracted from their personalized Cost of Attendance budget to determine original Financial Need.

NOTE: The EFC does not necessarily indicate actual out-of-pocket expenses; it is merely a tool based on a standardized national formula used to calculate financial aid eligibility.

If Cost of Attendance (COA), and..... = \$10,185
Expected Family Contribution (EFC), then..... = \$1,000
Financial Need = \$9,185

From these elements, TVCC will first determine the student's eligibility for a Federal Pell Grant and then attempt to meet the remaining unmet need with other funds as available and according to the school's awarding policies.

Students will receive notification of their Cost of Attendance budget, their EFC, their financial need, and the financial aid funds they are eligible for in an award notification from TVCC Financial Aid after completing the FAFSA and all application requirements.

Eligibility for certain awards and award amounts are determined, in part, by enrollment status. Awards are adjusted or prorated according to the program rules for each award. Student financial aid recipients should maintain a close relationship with their academic advisor and register for classes early in order to allow TVCC Financial Aid adequate time to make quarterly adjustments if necessary. For more information regarding enrollment status requirements for each award program, contact TVCC Financial Aid.

STANDARDS OF SATISFACTORY ACADEMIC PROGRESS (SAP) FOR FINANCIAL AID ELIGIBILITY

Federal regulations require a student to move toward the completion of a degree or certificate within an eligible program when receiving financial aid.

Students applying for or receiving financial aid assistance at TVCC must meet the following standards in all periods of enrollment to establish and maintain eligibility for financial aid and/or veteran's benefits.

NOTE: The office of the Dean of Students monitors and enforces Academic Standards independently of the Financial Aid and Veteran's Affairs Standards of Academic Progress.

The Financial Aid and Veteran's Affairs Standards of Academic Financial Aid Progress are monitored and enforced for all aid applicants and aid recipients in all periods of enrollment without regard to an actual offer of or receipt of financial aid monies. Students must meet all general requirements and all three standards of academic progress in order to establish and maintain eligibility for federal, state, and institutional financial aid.

General Requirements

Students must complete TVCC admission requirements.

Students must have a high school diploma or equivalent or pass an ability-to-benefit test. Students cannot be simultaneously enrolled in an elementary or secondary education program. Students must be enrolled in an Associate of Arts, Associate of Science, Associate of Applied Science, or an eligible one or two year certificate program.

1) GPA REQUIREMENT

Students must maintain a 2.00 quarterly GPA. (As computed using a 4.00 scale.) Students who have attempted 90 college & remedial credits or more must maintain a 2.00 cumulative GPA.

NOTE: Some awards have higher GPA requirements depending on their source. Please contact the awarding organization for additional information.

2) COMPLETION RATE REQUIREMENT

Each quarter, students must complete a minimum number of credits at-

GENERAL REQUIREMENTS

Credit Hours

tempted according to their enrollment status at the end of the full refund period as published in the quarterly class schedule. Students who enroll:

- Full-time Must complete: 12 credits (12 or more credits)
- 3/4 time Must complete: 9 credits (9 to 11 credits)
- 1/2 time Must complete: 6 credits (6 to 8 credits)
- Less than 6 credits ALL credits attempted

3) MAXIMUM CREDIT HOUR REQUIREMENT

Students must complete their degree or certificate program within the equivalent of 150% of the published number of credits required to complete the program. For example, the published length of an Associate of Arts degree is 90 credits; 135 attempted credits is the maximum allowed. The 150% credit evaluation is calculated as follows:

All TVCC credits attempted	-plus-	
All repeated credits attempted	-plus-	
All credits transferred from other colleges/universities	-minus-	
All remedial credits attempted (course numbers less than 100, 45 credits max)		= TOTAL

If, at any time, it is determined that a student has reached, exceeded, or cannot complete their degree requirements within the 150% limit, the student is ineligible for further aid. An appeals process exists for students who wish to exceed the limit; see the Financial Aid department for more information on this process.

Students who wish to use financial aid funds to complete a second degree or certificate at TVCC must submit an appeal to TVCC Financial Aid along with a graduation plan for the second certificate/degree.

- All attempted credits from a prior certificate degree that can apply to a second certificate degree must be counted. Other non-remedial attempted credits that apply only to the prior degree program will be excluded from the 150% calculation for the second certificate/degree program.
- Students who appeal to complete a second degree successfully must continue to meet all financial aid standards of academic progress including the maximum credit hour requirement as calculated for the new degree program.

NOTIFICATIONS

Satisfactory Progress Evaluations are made when a student initially applies for financial aid and at the conclusion of each quarter in which a student enrolls. (Students are considered enrolled if they are registered for classes at the conclusion of the full-refund period as published in the quarterly class schedule.)

FINANCIAL AID "WARNING"

Students in good standing who do not meet the standards of academic progress will be placed on financial aid "Warning" and encouraged to meet with an academic advisor to develop a plan for academic success. A financial aid "Warning" does not affect receipt of aid for subsequent quarters.

FINANCIAL AID "PROBATION"

Students who do not meet the standards of academic progress while on "Warning" will be placed on financial aid "Probation" and directed to meet with an academic advisor to develop a plan for academic success. A financial aid "Probation" does not affect receipt of aid for subsequent quarters.

FINANCIAL AID "SUSPENSION"

Students who do not meet the standards of academic progress while on "Probation" will be placed on financial aid "Suspension." A financial aid "Suspension" prevents a student from receiving further financial aid at TVCC without additional corrective action.

Students (in good standing or otherwise) who have attempted 90 credits and have less than a 2.00 cumulative GPA are immediately placed on financial aid "Suspension" and referred to an academic advisor.

APPEALS AND REINSTATEMENT

A student on "Warning", "Probation", or "Suspension" who meets all standards of academic progress in a subsequent quarter will be removed from financial aid Warning, Probation, or Suspension and placed in good standing.

Students who are placed on financial aid "Suspension" may appeal if there are extenuating circumstances, which led to academic difficulties. Forms are available at <http://financialaid.tvcc.cc/Forms.cfm> or in the Financial Aid Office. Extenuating circumstances are defined as those over which the student has no control, such as illness, death in the family, and accidents. Appeal forms must be accompanied by supporting materials that document extenuating circumstances as well as a graduation plan signed by an academic advisor.

Appeals will be reviewed by a committee. If the committee chooses not to approve an appeal, the committee's decision is final and the student must complete, at his/her own expense, one quarter of at least half-time enrollment (6 credits minimum) AND meet the standards of academic progress. The student's eligibility will be reinstated following evaluation of his/her academic progress during the quarter completed at his/her expense.

GRADING SYMBOLS

The following are credits successfully completed: "A", "A-", "B+", "B", "B-", "C+", "C", "C-", "D", "S" The following are NOT credits successfully completed: "F" = Failing, "U" = Unsatisfactory, "I" = Incomplete, "W" = Withdrawal, "AU" = Audit, "NG" = No grade, "WIP" = Work In Progress.

REPEAT, INCOMPLETE, OPEN-ENDED AND AUDIT COURSES

Courses may be repeated. Please consult with your faculty or academic advisor. "Incompletes" must be arranged with instructors and must be completed as indicated by the instructor. For financial aid purposes, courses extended beyond a single term of enrollment are NOT credits successfully completed. Audits must be arranged in advance with the instructor, are not eligible for financial aid, and do not count as classes completed for financial aid purposes.



NON-CREDIT AND REMEDIAL COURSES

Non-credit, community education, developmental education, adult basic education, and ESL courses which do not apply toward an eligible degree or certificate program, are not eligible for financial aid. Financial Aid funding for remedial courses (numbered below 100) is limited to 45 total credits.

VETERANS SERVICES

TVCC's Veteran's Services Coordinating Official acts as a liaison with the U.S. Department of Veterans Affairs. Students may be eligible to receive educational benefits if they are registered in courses that apply to the student's approved program. Each educational program must be approved by the State of Oregon's Department of Education/Veterans' Services. Students applying for veteran's educational benefits should allow eight to ten weeks before receiving benefits. The amount of benefits awarded is determined by the U.S. Department of Veterans Affairs and is based on the number of credit hours or clock hours for which a student is enrolled and the length of enrollment period for each course.

Veteran's benefits available:

- Chapter 30 Montgomery GI Bill – Active Duty
- Chapter 31 Vocational Rehabilitation (available through your local VA office)
- Chapter 32 Veteran's Education Assistance Program (VEAP)
- Chapter 33 Post 9/11 GI Bill
- Chapter 34/30 Grandfathered Vietnam Era GI Bill
- Chapter 35 Survivors/Dependents of Deceased or 100% Disabled Veterans
- Chapter 1606 Montgomery GI Bill - Selected Reserve
- Chapter 1607 Reserve Educational Assistance Program (REAP)

It is the student's responsibility to notify the TVCC coordinating official of any change in enrollment, address, program of study, enrollment at another institution, or any other change that may impact their veteran's educational benefits. Those students receiving benefits must follow the Financial Aid and Veteran's Affairs standards of satisfactory academic progress to maintain eligibility for VA benefits.

U.S. Department of Veterans Affairs regulations require that all persons using any type of veteran educational assistance program be making satisfactory academic progress toward achievement of their educational objective (program of study).

For additional details and information regarding veteran's educational benefits, contact the TVCC Veteran's affairs coordinating official at ext. 235 or www.va.gov/education.

CONSORTIUM AGREEMENT

TVCC participates with Blue Mountain Community College and Eastern Oregon University in the Eastern Oregon Collaborative Colleges Center (EOCCC) consortium. The consortium agreement allows students to be co-enrolled at participating institutions and receive financial aid at the "home" institution according to the student's combined enrollment at all participating institutions. Information regarding the consortium agreement is available online at <http://financialaid.tvcc.cc>.

In order to receive federal or state financial aid from TVCC as a student

who is concurrently enrolled at Eastern Oregon University or Blue Mountain Community College, the student must:

- complete the FAFSA application process at TVCC.
- be an admitted, degree-seeking student at TVCC.
- be enrolled in at least 1 class that satisfies degree completion requirements at TVCC during each quarter of concurrent enrollment.
- be enrolled in class(es) at the other institution that satisfy degree completion requirements at TVCC during each quarter of concurrent enrollment.
- meet with TVCC's Financial Aid and Veteran's Affairs, if applicable.
- maintain Standards of Satisfactory Academic Progress during each quarter of concurrent enrollment for all classes (both TVCC and host institution classes).

TVCC does not participate with other colleges and universities outside of the EOCCC consortium as the "home" institution but will certify enrollment or individual consortium agreements for students as the "host" institution.

WITHDRAWAL, REFUNDS, AND REPAYMENTS OF FINANCIAL AID

In accordance with federal regulations, students may be required to repay federal financial aid funds if they drop, completely withdraw, are administratively withdrawn, or fail to earn a passing grade from all classes during any quarter. If a student finds that at any point during a term he/she must drop a class, he/she must consult with their academic advisor first. If the student agrees that it is in his/her best interest to drop a class, an official add/drop form or withdrawal must be completed (either on paper or in the CampusWeb system). A student can drop classes any time during the first two weeks of the quarter (one week in the summer term) and receive a full refund of tuition and fees. Financial aid will be adjusted automatically. If the student must drop a class after the second week of the quarter (or first week in the Summer term) he/she will receive a warning, probation, or suspension letter (please see the Financial Aid and Veteran's Affairs Standards of Satisfactory Academic Progress above) from TVCC Financial Aid at the end of the term. Students should read this letter carefully. It will contain important information about what to do next.

If a student withdraws completely from any term, some of the financial aid received may have to be repaid to TVCC, the U.S. Department of Education, or both. The student will also receive written notification concerning the options once the official withdrawal process is completed. If the student fails to officially withdraw, it is assumed that he/she attended no more than 50% of the term. If the student attends beyond the 60% point of the term he/she are considered to have earned 100% of their financial aid and will not have to repay unearned funds. Students should read carefully any correspondence received in reference to a complete withdrawal. TVCC Financial Aid is required to report overpayments of federal grants to the U.S. Department of Education's Collection unit if no repayment arrangements are made within 45 days of being notified.

A class drop, withdrawal, or administrative withdrawal may affect a student's ability to receive financial aid in the future at any college or university. Further information is available from TVCC Financial Aid.



ACADEMIC POLICIES AND REQUIREMENTS

Class Changes

Academic Policies and Requirements

Consulting academic calendars and being knowledgeable about academic requirements and policies is a crucial part of being a self-advocate and experiencing student success. Following are the academic policies students most often need to know during their college career.

CLASS CHANGES (ADD/DROP)

It is the student's responsibility to withdraw from classes. Here are important points to be aware of before dropping classes:

- Students are responsible for the grades received and all tuition and fees if they merely stop attending.
- Adding or dropping a class may change eligibility or financial aid status.
- Courses which are dropped before the end of the 4th week of the quarter will not appear on a transcript. Courses dropped during weeks five through eight of the quarter will be recorded with a "W" for withdrawal on a transcript.
- Withdrawal deadlines are in the academic calendar and the quarterly class schedule.
- Course withdrawal deadlines are different for summer quarter because the quarter is shorter.
- After the first week, the instructor's written approval is required for admission to a class.

The Student Service Center provides ADD/DROP forms and accepts the forms when completed. All changes in class schedules should be approved by an advisor.

AUDITING CLASSES

Students may choose to audit a class. An audit exempts students from examinations, but the instructor may require class attendance and participation. No college credit is received for audited courses, regular tuition charges apply, and audits are not eligible for Financial Aid. Signing up to audit or reversing audit status is permitted only through the 4th week of the quarter. Students are responsible for withdrawing from class if they are unable to attend.

LEAVE OF ABSENCE

An approved leave of absence may be granted to students facing a temporary interruption in their college enrollment if the following criteria apply:

- The student is unable to continue in any of his or her classes.
- The college can reasonably expect the student will return to complete the classes.
- The leave of absence will not exceed 180 days in a calendar year.
- The student submits a written and dated request to the Dean of Student Services detailing the reason for the request and the expected date of return.
- The student is responsible for all charges associated with failure to return within the leave of absence period.
- Detailed information is available from the Office of the Dean of Student Services.

WITHDRAWING FROM COLLEGE

It is a student's responsibility to know policies and deadlines for withdrawing from college. Students wishing to withdraw from a current quarter must fill out and submit a Complete Withdrawal form. Students may withdraw until the end of the 8th week of instruction during the regular school year, until the end of the 3rd week in a four week summer session, and until the end of the 7th week in an eight week summer session. All written petitions for a late withdrawal should be sent to the Dean of Student Ser-

vices. Students withdrawing from Continuing Education and seeking a refund should contact the Continuing Education office for more information.

ADMINISTRATIVE WITHDRAWALS

Administrative withdrawals, which are initiated by the instructor, are rare and may take place only under these circumstances:

- The course is full and there are students on the wait list, AND
- A student is absent for at least 2 class sessions or 50% of the scheduled class time during the first week of the quarter, AND
- The absent student has made no prior arrangements with the instructor for missing class.

Administrative withdrawals occur only during the first week of the quarter. Students should never assume they will be administratively withdrawn from class. Non-attending students must submit a completed withdrawal form to the Student Services Center. Students not completing the formal withdrawal process will receive failing grades and are responsible for all tuition and fees.

CLASS ATTENDANCE

Students must be registered in classes in order to attend. Students are expected to attend class each time the class meets. Excused student absences may be permitted by the instructor, but all class work must be completed. Students need to make arrangements with instructors for completion of missed work. Certain programs may require attendance and participation in clinicals, practicums, conferences and conventions. Transportation to and from these activities is the responsibility of the student. Absences due to participation in field trips, inter-collegiate games and other trips arranged by the college may be excused with advance notice to the instructor. In such cases the student is still required and responsible to make up the content and assignments missed during the absence as determined by the faculty.

GRADUATION

Degrees, diplomas and certificates are presented at formal commencement ceremonies held each year in June. It is the student's responsibility to request a graduation evaluation to ensure that all requirements are completed. A graduation petition, available from the Student Services Center (fee: \$25), should be completed and submitted by the end of the first week of February.

Transcripts

STUDENT SERVICES CENTER • EXT. 262/259

TRANSCRIPT REQUESTS

An official transcript is a copy of the student's permanent academic record. To obtain or send a transcript, contact the Student Services Center. The following information pertains to transcript requests:

- Transcripts will be released only upon written request (include name, student ID number, period of enrollment, date of birth, signature, payment, and where the transcript is to be sent).
- Transcripts will be withheld for unpaid transcript requests or any other financial obligation to the college.
- Transcripts may be ordered by mail, by fax at (541) 881-2721, or in person at the Student Services Center. The fee for an official transcript is \$3, or \$5 to have it also faxed. There is a \$1 fee for unofficial transcripts. (Visa or MasterCard accepted).
- A signed release is required before any other person may receive a copy of a student's transcript.
- Students may obtain an unofficial advising transcript by accessing their student account on Campus Web.

TRANSFERRING CREDITS TO AND FROM TVCC

The college generally accepts lower division, college-level credit earned at fully accredited colleges and universities. Transfer students should immediately consult with an advisor to see how their credits are accepted and applied. Students wishing to graduate from TVCC must provide official transcripts from all colleges previously attended if they wish those credits to be included. To formally request an evaluation of outside transcripts for graduation, students should contact the Student Services Center as soon as possible and at least two quarters prior to graduation.

Each higher education institution develops policies and procedures related to its transcript. TVCC students who transfer will see their TVCC transcript interpreted according to the policies of their destination institution.

GRADING

Grades used in computing grade point average are:

Grade	Points	Explanation
A	4.0	Outstanding Performance
A-	3.7	Superior
B+	3.3	Excellent
B	3.0	Very Good
B-	2.7	Good
C+	2.3	Better than Satisfactory
C	2.0	Satisfactory
C-	1.7	Unsatisfactory
D	1.0	Low Passing
F	0.0	Below minimum standard, no credit earned
AU	0.0	Audit (No credit earned and instructor permission is required)
I	0.0	Incomplete (No credit is earned and instructor permission is required)
S	0.0	Satisfactory (Pass/fail grading option must be requested)
U	0.0	Unsatisfactory (Pass/fail grading option must be requested)
[D]	0.0	A low grade in brackets is not calculated in the TVCC GPA
R	0.0	Repeat grade. Calculated in the GPA
*	0.0	An asterisk (*) designates a repeat grade and is not calculated in the GPA
NG	0.0	Non-graded
WIP	0.0	Work in Progress (generally indicates current quarter grades)

EXAMPLE OF GRADE POINT AVERAGE CALCULATION

The grade point average is a weighted average of the grades received by students, calculated by dividing the number of grade points earned by the number of credit hours attempted. For example:

Course	Hours	Grade	Grade Points
Psychology 203	3	C	(3x2.0) = 6
Math 111	4	A-	(4x3.7) = 14.8
HPE 120	2	A	(2x4.0) = 8
English 121	3	B+	(3x3.3) = 9.9
Total	12 credits		38.7 grade points

Dividing 38.7 grade points by 12 credits gives a grade point average of 3.23.

ACADEMIC HONORS

The academic standing of all honors students is based on the following grade point averages:

President's List	4.0
Dean's List	3.75-3.99
Honor Roll	3.50-3.74

Quarterly grade point averages are used to determine Academic

honors each term. Twelve or more credits must be earned in graded (4.0 scale) courses numbered above 100.

PASS/FAIL GRADE

Students may enroll in classes on a pass/fail basis by written arrangement with the instructor before the end of the 4th week of the quarter. Forms are available at the Student Service Center. Students earning a "C" grade or higher receive an "S" (satisfactory) grade on their transcripts. Students earning a "C-" grade or lower receive a "U" (unsatisfactory) grade. These grades are not computed in the grade point average.

Students are cautioned against taking courses on a pass/fail basis because transferability of this type of credit is limited. Students should consult with their advisors and with their intended four-year institutions before requesting an S/U grade.

WITHDRAWAL GRADE

A "W" grade indicates that a student has dropped a class. The last day of each quarter to withdraw from classes is specified on the academic calendar and is published in the quarterly schedule. Complete information on withdrawing from a class is available in the Student Services Center.

AUDIT GRADE

No credit is earned for auditing a class and receiving an "AU". Registration as an audit must be completed no later than the fourth week of the quarter, or equivalent period of the summer quarter. Required forms are available from instructors or the Student Services Center. Instructor permission is required. The cost of auditing a class is the same as taking the course for credit.

INCOMPLETE GRADE

The "I" designation indicates that a student has been granted extra time by the instructor to complete required course work. Terms of completion are specified in a contract signed by the instructor. It is the student's responsibility to initiate this contract. All work must be completed by the final day of the next academic quarter, excluding summer quarter. Not all contracts will extend a full additional quarter to complete the coursework; this is solely at the discretion of the instructor. In special circumstances, the deadline for completion may be extended with approval from the instructor and the Dean of Instruction. An "I" grade is changed to an "F" if the terms of the contract are not met within the time specified.

REPEATING A COURSE

Students may repeat any course to improve a grade. Only the credit and



TRANSCRIPTS

Non-Traditional Credit

grade earned in the last attempt are calculated in the GPA. Repeating courses can affect financial aid and VA benefits.

GRADE FORGIVENESS

Low grades (D, F) earned at TVCC may be removed from calculation of the grade point average at TVCC, if the student:

- submits a written appeal to the Dean of Student Services,
- meets the TVCC standard for satisfactory academic progress in the most recent term of enrollment at the college,
- is currently enrolled, and
- two years have passed since the low grades were earned.

Low grades previously earned will be marked in brackets [D] on the transcript but will not be included in grade point calculations. Acceptance of a grade in brackets at any other college or university is determined by that institution. Grade forgiveness can affect VA benefits

STANDARDS OF ACADEMIC PROGRESS POLICY

This policy applies if the student is enrolled for six or more credits and generates a transcript entry. Entries generate at the end of the fourth instructional week during fall, winter, and spring quarters, or after the equivalent time period during summer quarter.

- **Academic Alert:** Earning a GPA below 2.0 for one quarter places a student on Academic Alert status. The student should meet with a faculty advisor or an academic advisor in Student Services to develop an academic success plan.
- **Academic Probation:** Earning a GPA below 2.0 for a second consecutive quarter places a student on Academic Probation. The student will be required to meet with an advisor to develop an academic success plan.
- **Academic Dismissal:** Earning a GPA below 2.0 while on probation places a student on academic dismissal status. Completing less than 50% of the enrollment status for three consecutive terms will also result in academic dismissal. Students are generally dismissed for one academic year unless they appeal the decision to the Dean of Student Services. Students on academic alert or probation, who meet all standards of academic progress in a subsequent quarter taking at least 6 credits will be removed from academic alert or probation and placed in good standing.

Students who enroll must Complete:

- Full-time Must complete: 12 credits (12 or more credits)
- 3/4 time Must complete: 9 credits (9 to 11 credits)
- 1/2 time Must complete: 6 credits (6 to 8 credits)
- Less than 6 credits ALL credits attempted

Appeal for Readmission: Students dismissed for academic reasons may petition the Dean of Student Services for readmission. Readmitted students are placed on academic probation.

NOTE: A student who has also been placed on financial aid suspension must submit a financial aid suspension appeal in order to have their eligibility for financial aid reinstated. See page 14 for information about the financial aid suspension appeal process.

NON-TRADITIONAL CREDIT

The College encourages flexibility, innovation and independent study in the educational process. Nontraditional credit programs allow students to earn credit outside the classroom setting. The following programs are accepted at TVCC. Check with an advisor or the Student Services Center for additional information.

CREDIT BY CHALLENGING A COURSE

Challenge credit is earned by demonstrating proficiency in course requirements. Students who wish to challenge a class should submit a written request form, available at the Student Services Center, to the appropriate department chair to determine if a challenge exam is allowed. Not every class is subject to challenge. The method of demonstrating proficiency, usually a comprehensive exam, is determined by the appropriate department.

The following guidelines apply to challenge exams:

- The student must be currently enrolled at TVCC.
- Challenge exams may not be repeated.
- Challenge credit is not granted if credit has been earned for a more advanced course.
- A maximum of 12 challenge credits may be earned in a specific subject area.
- A maximum of 24 credits of challenge work may be applied to a TVCC certificate.
- A maximum of 45 challenge credits can be applied to a TVCC degree.
- Challenge credit is normally assigned an "S" (satisfactory grade) and will not affect the GPA. No academic record is kept for unsuccessful challenge exams.
- Challenge credit will not affect a financial aid award.
- Students must register with instructor permission and pay a \$15 fee before taking the challenge exam. In addition, a \$10 fee is charged for each credit awarded.

COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)

Students may earn credit by demonstrating competency in a broad subject area or a specific course through a nationally standardized exam. TVCC is a national testing center for CLEP Exams. Credits earned through CLEP exams are generally accepted in colleges and universities throughout



the country, but students should check with their receiving institutions to verify acceptance.

Two types of examination will be offered through CLEP: general examinations and subject area examinations. General examinations measure learning in broad areas such as science, humanities, or math. The subject area examinations are designed to test achievement in specific college subjects. Credit is awarded according to the following guidelines:

- Examinations are each 90 minutes and the cost is \$72.00 per exam.
- CLEP score must be at the 50th percentile or above in either general or subject area examinations.
- A maximum of 12 CLEP credits may be earned in a specific subject area.
- A maximum of 45 CLEP credits may be applied toward an associate degree at TVCC.
- Credit at TVCC is NOT awarded for the CLEP English Composition exam with no writing component.
- CLEP does not affect your financial aid award.
- CLEP credit is not allowed if credit has been received for a more advanced class.
- CLEP exams may not be repeated for credit.
- CLEP credit is not graded and will not affect the GPA.
- A student must earn credit at TVCC before CLEP credit is awarded.

Following are all of the CLEP exams and the score needed to earn credit at TVCC. Exams that earn elective credit should not be taken by students enrolled at TVCC. The elective credit is awarded because it appears on transcripts from other institutions. Please remember that **this chart reflects credit awards at TVCC only**. Other institutions will accept credit according to the policy at that institution.

EXAM	TYPE	SCORE/CREDITS	ACCEPTED AS:
<u>Composition and Literature</u>			
Ana. & Int. Literature	Subject		Not Accepted
Eng. Literature	General		Not accepted
Eng. Comp.	Subject		Not accepted
Com, Fr. Col.	General		Not accepted
Eng. Com. w/Ess.	Subject	50/6	WR 121, 122
<u>Foreign Languages</u>			
French 1st Yr	Subject	50/9	Elective credit
French 2nd Yr	Subject	59/9	Max. 12 credits
German 1st Yr	Subject	50/9	Elective credit
German 2nd Yr	Subject	60/9	Max. 12 credits
Spanish 1st Yr	Subject	50/12	SPAN 101, 102, 103
Spanish 2nd Yr	Subject	63/12	SPAN, 201, 202, 203
<u>Social Sciences and History</u>			
Am. Gov.	Subject	50/6	POSC 201, 202
Ed. Psych.	Subject		Not Accepted
US Hist <1877	Subject	50/3	HIST 201
US Hist >1877	Subject	50/6	HIST 202, 203



Hum. Grth/Dev.	Subject	50/3	PSYC 235
Humanities	General		Not Accepted
MacroEconomics	Subject	50/3	Course eq.
MicroEconomics	Subject	50/3	Course eq.
Psych. Intro.	Subject	50/9	PSYC201, 202, 203
Soc. Intro.	Subject	50/9	SOC 204, 205, 206
Soc. Sci./Hist.	General		Not Accepted
West. Civilizations. <1648	Subject	50/3	HIST 101
West. Civilizations <1648	Subject	50/3	HIST 102, 103

Science and Mathematics

Col. Algebra	Subject	50/4	MATH 111
Algebra, Trig.	Subject		Not accepted
Biology	Subject	50/15	BIOL211, 212, 213
Calculus	Subject		Not accepted
Chemistry	Subject	50/15	CHEM221, 222, 223
College Math.	General		Not accepted
Natural Sci.	General		Not Accepted
Pre-Calculus	General	50/4	MATH 113

Business

Acctg., Principles	Subject	50/9	Course eq.
Business Law	Subject	50/3	Course eq.
Info. Sys./Comp.	Subject	50/4	Course eq.
Mgmt., Principles of	Subject	50/3	Course eq.
Mktg., Principles of	Subject	50/3	Course eq.

*The American Council on Education recommends that the minimum score for awarding credit be the mean score of students who earned a grade of "C" in the applicable course. For more information regarding CLEP examinations, call ext. 419.

COLLEGE BOARD ADVANCED PLACEMENT (AP)

The College Entrance Examination Board Advanced Placement Program allows high school students to earn college credit for high school work. Students usually take a high school honors course to prepare for the national AP exams each May. Advanced placement exams are offered in a number of academic disciplines. Credit for these exams is granted under the following conditions:

- A maximum of 12 AP credits may be earned in a specific subject area.
- A maximum of 24 AP credits may be applied toward a TVCC certificate.
- A maximum of 45 AP credits may be applied toward a TVCC degree.
- AP credit is awarded as recommended by the American Council of Education (ACE) guidelines.
- AP credit is not graded and will not affect the GPA.
- A student must earn credit at TVCC before AP credit will be awarded.
- For additional information, contact the Registrar's office at ext. 235.

CREDIT FOR MILITARY EXPERIENCE

Credit for military experience at TVCC is awarded according to the following guidelines:

- Military credit is awarded as recommended by the American Council of Education (ACE) guidelines.
- A maximum of 12 credits for military experience may be earned in a specific subject area.
- A maximum of 24 credits for military experience may be applied toward a TVCC certificate.
- A maximum of 45 credits for military experience may be applied toward a TVCC degree.
- Military credit is not graded and will not affect the GPA.
- Military exams may not be repeated for additional credit.
- Military credit is often not applicable to an academic transfer degree.
- A student must be enrolled at TVCC before military credit will be awarded.
- For additional information, contact the Registrar's office at ext. 235.

DISTANCE EDUCATION

Web-Based Classes

Distance Education "TVCC @ A DISTANCE"

Distance education is a method for delivering classes to students who are separated from an instructor by time and/or place. Distance education is a convenient option for all students and particularly benefits those whose work or life schedules prevent them from regularly attending classes on campus, who live outside commuting distance, or are home bound.

WEB-BASED CLASSES AND DEGREE PROGRAMS

Online education makes it possible to attend class at any time of day, in any place students choose as long as they are connected to the World Wide Web. Because students communicate with their class online, they can complete most classes for an AAOT transfer degree without setting foot in a classroom, with the exception of a few on-campus science and speech lab meetings, scheduled to meet the needs of distant students. Alternatives to the on-campus labs may be possible with instructor permission. A variety of degree and certificate programs are available or currently being developed for online delivery.

Students who have the best success in Web-based classes are self-regulated learners with good time management skills.

In order to provide committed on-line student services support for distant learners the college provides students the opportunity to:

- Apply to TVCC and register for classes electronically, eliminating the need to take time from busy schedules to come to campus.
- Purchase textbooks and supplies via telephone at ext. 269 and have them shipped directly. Shipping and a small handling fee will be added to the cost of the order.
- Utilize the college's password protected electronic library services system, providing quality resources, independent of time and place.
- Speak with an admissions or student services advisor via telephone, or contact by email, to discuss educational planning and academic issues.
- Access limited technical assistance at ext. 219 during regular business hours to support students who have difficulty logging into online courses.

Technical requirements for online courses include:

- A computer running a compatible Web browser
- Connection to the Internet
- Virus protection software (updated regularly)



Registered for Your First Web class ?

Follow these steps to a successful start.

- 1** Check with the bookstore for textbook information. Order the books you need and arrange for shipping if you can't get to campus. You can call them at 541-881-8822 ext. 269.
- 2** Activate your TVCC student email if this is your first term at the college, or if you have been away for more than one term. Setup instructions can be found at www.tvcc.cc/email/email-login.
- 3** Self-enroll in the online Blackboard tutorial to make sure you and your computer are ready for class. Instructions for enrolling will be sent via your TVCC student email account.
- 4** Attend a "New Online Student" orientation if this is your first web class. Check your TVCC student email for details. The orientation is offered online and on-campus (Caldwell/Ontario) at the beginning of each term.
- 5** Log into Blackboard the first day of class. <http://bb.tvcc.cc>. Verify that each of your web-based courses appear on the right side of your screen.

NEED HELP?

The TVCC Help Desk can be reached at 541-881-8822 ext. 369 or help-desk@tvcc.cc

Some online courses have additional technical or software requirements. Students should consult the class schedule of the course they are considering. Minimum technical requirements are subject to change. Current information about technical requirements is available at: http://www.tvcc.cc/Distance_Ed/tech.

Classes are available to enrolled students approximately three days prior to the beginning of a term. This is to allow for student technical assistance prior to the first day of class by TVCC Help Desk assistants.

SMART CLASSROOM

Interactive video conferencing classes (IPV) - A variety of classes, primarily originating with faculty on the Ontario Campus, are delivered to Caldwell and local area high school video conferencing sites in real time. Students interact with faculty and fellow students via two-way video and audio communication.

Student Rights and Responsibilities

The Associated Students of Treasure Valley Community College have prepared a document outlining student rights and responsibilities. The document is available at <http://studentlife.tvcc.cc/rights.htm>.

STUDENT EDUCATIONAL RECORDS

STUDENT RIGHT TO PRIVACY (FERPA)

TVCC abides by the Family Education Rights and Privacy Act of 1974 (Pell - Buckley Amendment). This act was designated to protect the privacy of education records. It also establishes the right of students to inspect their educational records and provides guidelines for correcting inaccurate or misleading data. The policy is available in the Student Services Center.

The College reserves the right to withhold transcripts from students who are in debt to the institution. Students have the right to discuss the matter with a representative empowered to resolve such disputes.

PARENTAL ACCESS TO EDUCATION RECORDS

Educational records may be released to parents under the following circumstances: (1) through written consent of the student, and/or (2) in compliance with a subpoena.

STUDENT DIRECTORY INFORMATION

The College considers the following to be public information and will release it upon request without the student's written permission ORS 341.290 and OAR 581-041- 0480.

- Name
- Hometown
- Enrollment status (full or part-time)
- Major field of study
- Dates of enrollment
- Degree(s) earned and honors posted and received
- Participation in recognized activities and sports
- Weight and height of members of athletic teams
- For military purposes only, age and address

Note: Students who do not wish the information listed above to be released by the college must submit a signed statement each term requesting that this information be withheld. Once such a request is received from a student, it will be honored until a written statement directing otherwise is received. Contact the Student Services Center for the necessary form and additional information.

Student Resources

ACADEMIC ADVISING

STUDENT SERVICES CENTER • EXT. 419/200

Students are assigned an advisor in their program of study. New or prospective students should contact the Student Service Center for assistance with scheduling classes or beginning their educational planning.

BOOKSTORE

STUDENT SERVICES CENTER • EXT. 269

Students can find all required texts and class materials at the bookstore at a competitive price. Items such as campus pride products, pens, paper, batteries, art supplies, backpacks, computer discs, electronic products, postage stamps, greeting cards, gifts, candy, and gum are available.

Students at the Caldwell Center have the option of coming to Ontario to buy their books, or buying them in Caldwell. Harney County students may order their books by phone and will receive them in the mail.

The bookstore also provides a text buyback service (available at both Ontario and Caldwell campuses). More information on the buyback program and other services is available at www.tvcc.cc/bookstore. The Bookstore is open from 9 a.m. to 5 p.m. Monday through Friday with extended hours during the first week of the registration.

BOOK RETURNS

Textbook publishers have strict return policies which effect the bookstore's return policy shown below.

All textbook sales are final unless each of the following conditions are met. There is only one exception to this policy: If a student drops a class within the first two weeks of class and has purchased a textbook, a full refund will be given only if the books have no names or marks in them, and are accompanied by the cash register receipt, PLUS an "Add & Drop" slip. All sales of workbooks, study aids, lab manuals, consumable books and key notes are final. Any defective book will be replaced free of charge. Students should return the book as soon as possible.

USED BOOK POLICY

The bookstore will pay up to 50% of the purchase price for used books that are current. Buyback occurs 9 a.m. to 4 p.m. Tuesday through Friday during finals week of each term. Books no longer in use may be purchased at the same time by a used book company. Prices paid will vary.

COOPERATIVE WORK EXPERIENCE

ALBERTSON TRAINING CENTER • EXT. 322

Cooperative Work Experience (CWE) enables students to put into practice the skills that they learn in the classroom. This "hands-on" experience improves skills and creates new and exciting employment opportunities.

Students work in positions that apply to their chosen career fields. Assistance is available through the CWE department to find an appropriate



STUDENT RESOURCES

Counseling Services

work site. Types of work experience include job shadowing, mentoring, internships, paid work experience, and non-paid work experience. Students may earn up to twelve CWE credits toward their degree. For each credit earned, they must document 36 hours at the job site. Contact an advisor and the CWE Coordinator for information.

ACADEMIC COUNSELING SERVICES

STUDENT SERVICES CENTER • EXT. 419/200

The College provides counseling services to assist in academic planning, offering individual help with program and course planning, career decision making, and personal adjustment to college life.

COUNSELING AND DISABILITY SERVICES

BARBER HALL • EXT. 234

TVCC supports students with disabilities through a barrier-free campus. Accommodation services provided by the college include in-class and academic services, advising, resource/referral information, adaptive equipment, and assistive technology. Students with disabilities should contact the DS office before the beginning of the quarter in order to receive appropriate accommodations in a timely manner. Disability services are available to permanently and temporarily disabled students in all programs and locations. Disability Services may be accessed at ext. 234 or TDD: (541)881-2723. Ontario bus transportation is available (881-0000), and can transport wheelchairs. TVCC provides disabled parking areas.

The “Students with Disabilities Handbook” is available in the Student Services Center or through the disability services link at http://www.tvcc.cc/Disability_Services

Career counseling includes assessment using Discover, a computer-based career information resource. It provides an in-depth assessment of a student’s interests, abilities, and values. This system provides detailed information on more than 500 job titles, educational institutions and programs, financial aid, and military training.

FOOD AND HOUSING

WEESE BUILDING • EXT. 278

The Chukar Grill serves a variety of meals and entrees seven days a week. It is open to the community as well as resident students. In addition, the Barber Bistro serves “light fare and lattes” until early afternoons five days a week, making the Bistro a favorite place for students to gather.

The College also offers affordable and convenient living on campus. The Residence Life Program is central to the College mission of providing the best comprehensive educational experience. Students living in the residence hall are within close walking distance to classrooms, the library, faculty offices, recreational facilities, and the Weese building. Residents purchase a meal plan so they do not have to prepare their own meals or shop for food. The residence hall has an on-site laundry facility, and convenient access to a fitness center and athletic complex.

Living and participating in the residence hall environment can have a positive effect upon self-image. Residence hall experiences can enhance self-confidence, self-esteem, and self-reliance. Students will learn to become independent and enjoy living within a thriving learning community.

- A completed application, signed contract, and deposit are required to reserve a room in the residence hall. More information is available online at www.tvcc.cc or by contacting the Residence Life Office at ext. 278.
- Housing applications and contracts are available at the Residence Life Office, Student Services Center, Student Activities Office, and online.

- Forfeiture of the deposit results from damage or failure to follow proper check out procedures.
- The housing deposit may be applied to other charges owed to the college.
- Additional charges will be assessed if the room deposit is insufficient to pay for assessed charges.
- All students living in the residence hall are required to purchase a meal plan. Descriptions of the meal plans and prices can be found online at www.tvcc.cc.
- A meal plan may be purchased by students not living in the residence hall.

RESIDENCE HALL REFUND RATES

Formal withdrawal from the residence hall by the deadlines shown is required to qualify for a refund. In all cases, there is a cancellation fee and the deposit is non-refundable.

- 100% refund before the first day of class
- 90% refund after the first day of class
- 50% refund after the seventh day of class
- 25% refund after the sixteenth day of class
- No refund after the thirtieth day of class

GED TESTING

STUDENT SERVICES CENTER • EXT. 417/200

TVCC is an official testing center for the General Educational Development Testing Program (GED). This test provides the opportunity for adults who have not graduated from high school to obtain a High School Equivalency Certificate. Tests may be arranged through the Student Service Center.

INTERNATIONAL STUDENT SERVICES

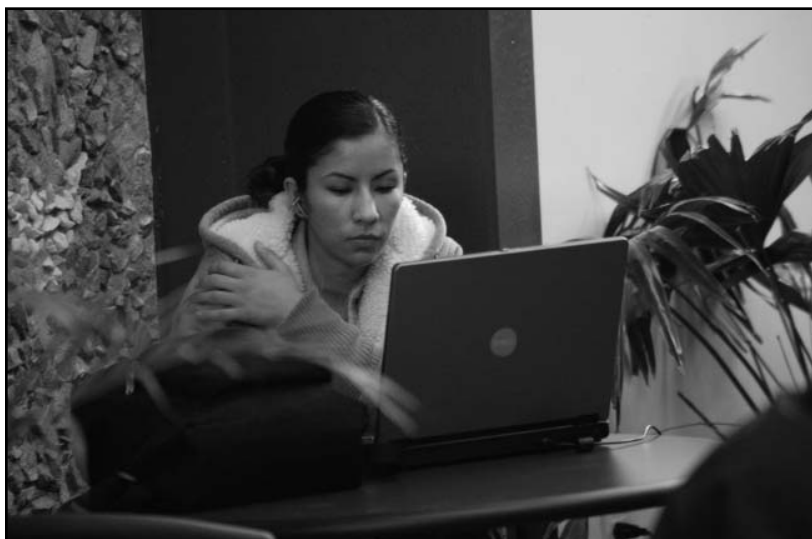
STUDENT SERVICES CENTER • EXT. 281

The International Student Services Office provides assistance in all matters of concern to international students. This includes admissions, academic advising, immigration advising, and help adjusting to living in a new cultural environment. Information is available at ext. 281 and in the admissions section of this catalog.

LIBRARY

WEESE BUILDING • EXT. 248

The TVCC Library, located on the second floor of the Weese Building, maintains a collection of books, periodicals, newspapers, videos, compact discs, videotaped courses, and microfiches. Also in the library is a student computer lab, with access to word processing, the Internet, full-text periodical databases, and the campus network.



The library staff supports the curriculum, provides instruction and assistance to students, aids the professional development of the College staff, and serves the cultural and recreational interests of area citizens. The public is welcome. Whenever possible, the TVCC Library serves as a backup resource for other libraries and their patrons. Requests for materials not owned by the library will be made through an international computerized inter-library loan system.

The TVCC library is a member of the Sage Library System, a combined catalog of 76 school, public and academic libraries in 10 eastern Oregon counties. This consortium has a state-of-the-art automation system that allows patrons of each library to search the holdings of the others simultaneously. Patrons may request their own material from other consortium members. Requested materials from consortium partners can be acquired quickly and easily.

Library patrons have access to GALE and SIRS, full text databases for quick and easy research. Mini classes are held four times per week to provide instruction for use of the Sage System, Gale, and SIRS. These databases may be accessed from computers anywhere on campus or from home.

The library currently houses about 33,000 books and 125 periodicals, including college catalogs and information materials from other higher education institutions. Patrons also have access to a copy machine, computers, printers, video cassette players, and a microfiche reader/printer. The library is devoted to the successful pursuit of learning and suggestions for improvement, including purchasing requests, are always welcome.

PARKING

Free parking is available for students and visitors in designated campus locations. Tickets will be issued to anyone parking in restricted areas. ADA designated parking is available.

TESTING CENTER

STUDENT SERVICES CENTER • EXT. 417/200

The Testing Center offers testing at regularly scheduled hours, for distance delivery courses, the COMPASS placement exam, CLEP testing, and contracted testing for industry. Information about testing center hours and policies can be found online at <http://www.tvcc.cc/Testing>.

TUTORING

Tutoring is available in a variety of subjects. TVCC operates math and writing labs and provides individual tutoring. If students need academic assistance, they should check first with their instructor and then with the Advising office at ext. 234.

Student Life

WEESE BUILDING • EXT. 243

ASSOCIATED STUDENT GOVERNMENT

WEESE BUILDING • EXT. 243

The Associated Student Government represents students to the TVCC administration. ASG officers participate on various governance committees, work with special projects, and address student needs on campus. In addition to helping set campus policies, ASG manages funds for campus activities and programs, and assists with the development of student leadership. Information is available by calling the Student Programs Office.

ATHLETICS

GYM • EXT. 274/276

Athletics are an important part of the college experience. Students are invited to try out for any of the athletic teams. The College is dedicated



to providing an equitable balance of athletic opportunities for both men and women. Intercollegiate opportunities for women include: soccer, volleyball, cross-country, basketball, tennis, track, golf, softball, and rodeo. Men may participate in soccer, cross-country, basketball, baseball, tennis, track, golf, and rodeo.

TVCC is a member of the Northwest Athletic Association of Community Colleges (NWAACC) and subject to its rules of eligibility. The TVCC Chukars compete against teams from Oregon and Washington. Highly successful teams and individuals earn the right to compete regionally and sometimes nationally.

CLUBS/ORGANIZATIONS

WEESE BUILDING • EXT. 243

Clubs and organizations exist as an opportunity for students to participate in an environment of fellowship, leadership, and service within a group of their peers. There are many clubs and organizations at the College including Phi Theta Kappa Honor Society, Agricultural Ambassadors, Entrepreneurship Club, Campus Christian Fellowship, Student Education Association, Latter Day Saints Student Association, and the Outdoor Club.

MUSIC

PERFORMING ARTS CENTER • EXT. 367

The Music Program at TVCC makes available to students many performing groups in vocal and instrumental music. Recognized for superior quality, the TVCC Concert Choir, Vocal Jazz Ensemble, Treasure Valley Chorale, Prime Time Jazz Band, Treasure Valley Symphony, Brass Choir, and Treasure Valley Community Band perform regularly, and one or more groups tour annually in the U.S. or abroad.

PHI THETA KAPPA

BARBER HALL • EXT. 313

Phi Theta Kappa is the national honor society for junior and community colleges. TVCC's chapter, Omicron Phi, recognizes and promotes academic excellence. Membership is open to men and women who possess the recognized qualities of citizenship and scholarship. Omicron Phi is an active organization and has received regional awards at the PTK regional conference for their achievements.

RODEO

VO-TECH BUILDING • EXT. 305

The College has an active rodeo program which includes both instruction and practice using livestock. The program is co-educational with opportunities to learn and/or sharpen skills in both timed and rough-stock events, with qualified coaches in both areas. Intercollegiate rodeo competition is part of the program, with the college team participating in 10 to 12 NIRA



(National Intercollegiate Rodeo Association) sanctioned rodeos per year. TVCC is a member of the Northwest Region, National Intercollegiate Rodeo Association and is subject to its rules regarding eligibility and academic standing. The college Rodeo Club sponsors an official NIRA rodeo in the community each year. The Rodeo Club is open to anyone who wishes to promote the sport of rodeo.

STUDENT ACTIVITIES AND EVENTS

WEESE BUILDING • EXT. 243

The Student Activities Board is responsible for providing a comprehensive program of student initiated activities and events designed to meet the cultural, educational, social, and recreational needs of students. During the year, students will have the opportunity to attend educational lectures, concerts, comedy shows, special events, recreational activities, and intramurals.

THEATRE ARTS

PERFORMING ARTS CENTER • EXT. 367

The Theatre Arts Program presents at least three productions each year. The productions include a musical as well as popular comedies and dramas. Anyone may appear in or work on productions presented by the college, and no experience is necessary. It is not necessary to enroll in theatre arts classes to participate, but credit may be earned for participating in productions. The Theater Arts Program also participates in the annual excursion to the Oregon Shakespeare Festival.

Adult Education

OREGON TRAIL BUILDING • EXT. 265

The Adult Education Department provides services and courses tailored to meet the needs of students who need to prepare for college-level coursework, adults who have not completed high school, community members interested in improving English language skills, and adults seeking to improve employability. The Adult Education Department consists of College Preparation, General Education Development (GED; in English and Spanish), English for Speakers of other Languages (ESL).

CLASS SITES

All Adult Education programs are offered on the Ontario campus. College Prep is also offered at the Caldwell Center, and adult basic skills development, GED and ESL are offered at outreach sites at Nyssa and Burns. ESL/Family literacy evening classes are currently offered at Vale Elementary School and Annex Elementary during the winter quarter. See the college quarterly schedule for classes and times.

LEARNING CENTER AND COMPUTER LAB

The Learning Center is located in the Oregon Trail Building on the Ontario campus. The Learning Center has scheduled hours for individual study. A computer lab is open to all students in the Adult Education Department thirty-three hours per week. Projects requiring computer use are assigned in all classes and special computer programs are available to help students with the English language, GED, math, writing, reading and computer skills. In addition students may enroll in an individualized computer comfort class which gives students practice in such basic computer skills as creating, saving, revising a document and basic keyboarding.

STUDENT ORIENTATIONS

EXT. 265

All new students who take classes through the Adult Education department, with the exception of College Prep, attend an initial orientation, and all students must register for classes. Orientation includes an overview of classes, testing to determine academic level, and identification of any special needs or goals. From this assessment, students are placed into appropriate classes. Those who need special tutoring are referred to the tutor coordinator.

Orientation sessions for prospective students in the GED and Adult Basic Education programs are held twice a quarter, and orientation for prospective ESL students is held once a month. Times and places can be found by calling ext. 265 or in the quarterly schedule.

COLLEGE PREP. (TUITION-BASED CLASSES)

EXT. 267

College Prep courses in reading, math and writing prepare students to enter college-level academic and professional-technical programs. Classes include READ 11, READ 12, MATH 10, MATH 20, and WR 40. See specific course descriptions for more detail. Students place into these classes through the college placement exam. College Prep students may access the Learning Center during open hours for additional assistance, including use of the computer lab for assignments or skill practice and access to teacher arranged open/guided study.

ADULT BASIC SKILLS/GED PREP. (FREE)

EXT. 430

This program provides classes for adults with a variety of goals. Students may wish to improve reading, improve employment opportunities, learn basic computer skills, prepare for entrance into academic and/or professional technical programs, or pursue personal growth by upgrading their basic skills.

Adults who have not received a high school diploma may enroll in the General Education Development (GED) program. This program is designed to prepare students to pass the GED test, which is composed of five subject areas: reading, writing, mathematics, science, and social studies. Students must be at least 16 years of age to enroll in the program, and students under the age of 18 need special permission from their parents and/or educational facilities.

Students working on their GED on the Ontario campus are assigned to 5-week long group classes based on needs and skill levels. The same students are also assigned times to work in the Learning Center for individualized study, either during daytime hours or two evenings per week. See quarterly college schedules for information on classes at Nyssa and Burns.

GED IN SPANISH (FREE)

EXT. 265

This program is for students whose first language is Spanish and who have not completed high school, or who want a valid U.S. GED to enter the

workforce. Instruction is available in Spanish for GED preparation and for pre-GED literacy in the five areas of reading, writing, math, science, and social science. There is an orientation in Spanish each month; call ext. 316 or 265 for a reservation. Special tutors and materials are also available to help students pass the written driver's test in Spanish.

GED EN ESPAÑOL (GRATIS)

EXT. 265

Este programa es para estudiantes que tienen español como su lengua madre y no han terminado la secundaria o los que quieren un GED valido en los estados unidos para el empleo. Hay instrucción en español para la preparación de GED en las cinco materiales de literatura, escritura, matemáticas, ciencias, y ciencias sociales. Hay una orientación cada mes, llame a (541) 881-8822 ext.316 or 265, para reservar su lugar. También hay tutores y materias para el examen de manejar disponible.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (FREE)

EXT. 316

This program assists adults who speak a language other than English to acquire skills in reading and speaking English. Although other language groups are represented, Spanish-speakers compose more than 90% of the ESL classes. Bilingual Spanish/English speaking staff are available for Spanish speakers. Resource people from the community are available for non-Spanish speaking English language learners.

In order to meet the work and family schedules of ESL students, classes are offered mornings and evenings. The morning class is typically multi-level. The evening classes, which are larger, are divided into beginning and advanced levels. Students typically attend two, 3-hour classes per week. Additional classes are offered during the winter months when more students are available to attend.

PREPARATION FOR AMERICAN CITIZENSHIP (FREE)

EXT. 265

American citizenship classes are offered in English. The most current version of the citizenship questions is used and classes have been adjusted to reflect new emphases in the citizenship exam. Individuals who meet the age requirement are eligible to take the citizenship interview in their native language. A tutor and materials are available to help students study for the citizenship exam in Spanish.

Serving the Community

In keeping with the College mission of providing quality life-long learning opportunities and responding to the needs and interests of its communities, the College offers the following programs:

Community Education

STUDENT SERVICES CENTER • EXT. 407/281/358

Community Education offers classes and programs that cover the complete spectrum of interests, including academic, cultural, business related, arts, crafts, physical fitness, health, parenting, technology, computers, basic office skills and computing, and personal growth and development classes in both traditional and non-traditional settings. Classes are designed primarily for the adult population, but open to everyone 16 years or older, and are offered at various times, locations, and frequency throughout the year.

Courses are usually offered in one to three hour class increments conduct-



ed over a specific period of time. Most courses will not be graded nor will the student receive formal college credit for taking these courses. College credit and/or professional continuing education credit can be obtained for specific courses, if the respective courses meet certain educational prerequisites. Community Education courses are offered at TVCC's main campus and other locations including Nyssa, Burns, and Lakeview.

Scheduled classes and course offerings are announced in a quarterly brochure. Students can register for courses through the mail, by telephone using a credit card to secure payment, or in person at the Community Education Office or Off-Campus Centers. Registration can also be done online at www.tvcc.cc/del.

Continuing Education

STUDENT SERVICES CENTER • EXT. 281/358

Continuing Education provides a comprehensive program to meet the needs of both traditional and non-traditional students. Adults of all ages, who have never attended college or who already have degrees, can choose specific courses to meet their educational needs. Continuing Education offers some credit courses, which can lead toward the completion of a degree, certificate, license, or apprenticeship. Designed for the adult population, the Continuing Education program serves community members by providing:

- Flexible scheduling and affordable classes and courses, which are offered in innovative, formats at convenient times and locations.
- Weekend, evening, and open entry/open exit classes, which meet the needs of students with employment and family responsibilities.
- Occupational, supplemental, or professional development courses in:
 - Computer Networking and/or certification
 - Electrical Apprenticeship
 - Pesticide Related licensing
 - Real Estate Pre-license
 - EMT-Basic & Intermediate

Full and short term courses, workshops, seminars, and trainings.

Serving Business and Industry

The college supports economic development by providing services to businesses, including business advising, workshops and classes to enhance the skills of business owners and employees, and customized training to meet specific employer skill needs.

SERVING BUSINESS

The BizCenter

The BizCenter ALBERTSON BUILDING • EXT. 356

The TVCC BizCenter (part of the Oregon Small Business Development Center Network) offers complete, one-stop business assistance and advising services to new and existing businesses in eastern Oregon and western Idaho. The following are the primary services offered through the BizCenter.

BUSINESS ADVISING

The BizCenter employs a professional and knowledgeable team of advisors who can help business owners set and reach their goals. Advisors offer free, confidential, one-on-one business advising services to clients. Advisors provide in-depth assistance on a variety of topics, including how-to-start, business planning, financial management, loan packaging, marketing and more.

TRAINING

Throughout the year, the BizCenter offers a wide variety of workshops designed to enhance the skills and knowledge of business owners and employees. Topics can include sales and marketing, human resources, financial management, QuickBooks, and more.

Reasonably priced classes are offered throughout the day and evening as well as on-line, 24/7. In addition to regular class offerings, the BizCenter offers several specialized curricula.

ED2GO—Powerful Employee Development Tool For Busy People. ED2GO is the BizCenter's on-line provider of over 300 instructor-facilitated, on-line courses. The Ed2Go curriculum offers convenient, affordable and accessible employee and personal training programs. Courses are comprehensive and self-contained. Expert instructors interact with students during the 6 weeks of instruction, and students have 24 hour access.

Oregon Construction Contractors Board (CCB) Certified Curriculum and CCB License Application Assistance. The BizCenter offers a CCB-approved 16-hour training program through a self-paced, instructor-supported, interactive CD curriculum. In addition, the BizCenter offers comprehensive CCB license application and business advisory assistance as part of this curriculum package. Oregon law requires anyone who works for compensation in any construction activity involving improvements to real property to be licensed with the Oregon Construction Contractors Board (CCB). Completing the required training and passing the state test must be done before a license can be obtained. The training covers business practices and laws that relate to construction contractors (these are not trade related classes). The purpose of the training is to help individuals understand laws and business practices for a contracting business in Oregon, and prepare individuals to pass the test for a CCB license. To find out more about business services, to schedule an individualized business advisory appointment or to find out about affordable workshops and to get added to the BizCenter Monthly ENews, highlighting upcoming workshops and relevant business articles. For more information contact the BizCenter at ext. 356 or online at bizcenter@tvcc.cc.

CUSTOMIZED TRAINING STUDENT SERVICES CENTER • EXT. 281/358

An experienced, responsive staff are available to assist employers who have specific training needs. The staff will work in a timely manner with the employer to develop a customized training package that can be delivered on-site or at TVCC or other appropriate facilities. TVCC facilities include large classrooms, a 20-station computer lab and industrial shop area.

Virtually any training is possible, depending on the unique needs of the

employer. Training programs are typically short-term and competency-based. Examples of training include computer skills, customer service, management and supervisory skills, occupational Spanish, strategic planning, project management, meeting facilitation, organizational team building, production system improvement, welding, lean manufacturing, CAD, CPR/First aid and OSHA safety training.

For information or assistance with customized training, employers are encouraged to call Customized Training at ext. 358.



Faculty and Staff



FACULTY AND STAFF

A to H

BOARD OF DIRECTORS

Peter Lawson	Chair
Cheryl Cruson	Director
John Forsyth	Director
Ryan Gentry	Director
Jed Meyers	Director
Mary Ann Standage	Director
Scott Wilson	Director

ADMINISTRATION

Randy R. Griffin - Acting President/Dean of Administrative Services
A.S., Treasure Valley Community College; B.S., Eastern Oregon University
Susan Tinker - Interim Dean of Instruction
B.S., M.Ed, University of Washington
Eric Ellis - Dean of Student Services
B.A., College of Idaho; M.A., Pepperdine University

FACULTY AND STAFF

Janell Abston - Custodial Operations Coordinator
Pamela Adams - SRCI ABSD Instructor; B.A., Genesco; M.Ed., University of Idaho
Jennifer Ainsworth - DEL Secretary
Edward Alves - SRCI Director of Correctional Education; B.S., Arizona State University; M.A., University of Phoenix
Dawnita Anderson - Accounting Clerk All Accounts
Kathy Anderson - Physical Plant Custodian
Marsha Armstrong - Nursing Instructor; A.S., Southern Oregon University, M.N., Oregon Health Sciences University
Robert Armstrong - Music Instructor; B.A., University of Alaska; M.A., Washington State University
Ed Aronson - Director of Athletics; B.S., Boise State University
Don Asay - Business Instructor; B.A., Brigham Young University; J.D., University of Utah
Janet Asay - English Instructor; A.A., Grossmont College, B.A., M.A., California State University
Bernie Babcock - Director of Physical Plant/Campus Security; A.A., Treasure Valley Community College; B.S., Eastern Oregon University
Lauri Babcock - SRCI Education Diagnostician; A.A., Treasure Valley Community College; B.S., Eastern Oregon University; M.A., Liberty University
Robin Bagent - Instructional Designer; B.S., M.D.E., M.B.A., University of Maryland
Daisy Balluf - Student Service Center Representative
Kent Banner - Business Instructor; B.A., Brigham Young University; M.B.A., Portland State University
Theresa Basford - Grant Coordinator; A.A.S., A.A., Treasure Valley Community College; B.S., Eastern Oregon University; M.S., Capella University
Rick Baumann - Athletics instructor; B.S., Idaho State University; M.S., Boise State University
Candace Bell - Caldwell Center Office Assistant
Darin Bell - Accounting Assistant; B.S., Brigham Young University - Hawaii; M.B.A., Eastern Oregon University
Kathy Bell - Physical Education Instructor; B.S., Eastern Montana College; M.S., United States Sports Academy
Katie Bennett - Theater Director; B.A., University of California at Berkeley; M.A., University of South Carolina
Suzanne Bergam - Financial Aid Advisor
Mike Bishop - SRCI Construction Technician Program Assistant
Joy Bloch - Caldwell Center Student Services Coordinator; M.E., College of Idaho
Suzanne Bolyard - Adult Basic Education Instructor; M.E., Eastern Oregon University

Greg Borman - Mathematics Instructor; B.S., California State University Chico; M.S., University of Idaho
Terry Bowers - Academic Support Coordinator
Jessica Breidinger - Retention and Disabilities Coordinator; B.S., Eastern Oregon University
Patti Briscoe - Instructor Aide/HEP Case Manager
Stacey Burzota - Deans' Secretary
Carol Buttice - Student Service Center Representative; A.A., Treasure Valley Community College; B.S., Eastern Oregon University
Susan Cahill - Program Manager, Lakeview; A.S., Southern Oregon University
Debra Cant - Adult Basic Education Instructor; A.A., Oregon Institute of Technology; B.S., Oregon State University; M.E., University of Idaho
Debra Carpenter - BizCenter Office Manager
Scott Carpenter - Information Support Services Director; A.S., Grossmont College; B.S., American Sentinel
Greg Contreras - Caldwell Center Educational Planner; B.S. Oregon State University
Justin Core - Director of Student Programs; A.A.S., Pierce College; B.S., Eastern Washington University
Marion (Emma) Cornell - Warner Creek Facility Instructor/Coordinator; B.A., Oberlin College; M.A., University of Oklahoma; Ph.D., University of California-Davis
Virginia Crow - Library Technician
Erin Cunningham - Athletic Coordinator
Angela Dahlin - English Instructor; M.A., Oregon State University
Linda Dart - Caldwell Center Office Assistant
Joyce Davis - Early Childhood Education Instructor; B.A., Florida Atlantic University; M.E., University of Miami
Robert (Scott) Davis - Social Science Instructor; A.A., Miami-Dade Community College, B.S., Florida Atlantic University, M.S., Florida International University
Teresa Davison - SRCI WBE Secretary; A.A., Treasure Valley Community College
Diahann Derrick - Financial Aid Associate Director; B.A., Boise State University
SuEllen Esplin - Athletics Instructor; B.S., Southern Utah University
Sue Evey - Nursing Instructor; B.S., Idaho State University; M.S., Idaho State University
Lori Eyler - Director of Advising; B.A., University of Oregon; M.S., Northwest Nazarene University
Cynthia Feibert - Science Instructor; B.S., University of California Berkeley; M.A., University of California Santa Cruz
Roger Findley - Natural Resources Instructor; B.S., M.S., Oregon State University
Ted Fink - Art Instructor; B.A., Brooks Institute; M.S., San Jose State University
Carol Fitzgerald - SRCI Instructor; B.A., Boise State University
Jay Flinders - Housing Custodian
Stacia Gerulf - Academic Advisor; M.S., Washington State University
Dennis Gill - English Instructor; A.A., Treasure Valley Community College; B.S., Western Oregon University; M.E., Eastern Oregon University
Jonathan Gillen - Comptroller; B.S., Southern Oregon University; M.B.A. Northwest Nazarene University
Betty Gonzalez - HEP Administrative Assistant
June Griffin - SRCI Program Coordinator; A.S., Treasure Valley Community College
Gerry Hampshire - Social Science Instructor; A.A., Palomar Community College; B.S., J.D., Western State University of Law; M.A., Boise State University
Shane (Sonny) Hansen - Agriculture Instructor; B.S., Oregon State University
Terri Hansen - Caldwell Center Office Assistant
Lane Hartnett - Industrial Education Instructor; A.S., Treasure Valley Community College

Karen Hendrickson - Burns Center Program Manager; A.A., Highline Community College; B.A., Western Washington University; M.A., University of California

Sue Hewett - Registrar Clerk/Room Scheduling

Wally Ann Holcomb - Financial Aid Secretary; A.A.S., Treasure Valley Community College

Christina Ingalls - Theatre Technician

Rocky Ingalls - Database Support Administrator

Robert (Robin) Jackson - Art Instructor; B.S., University of Oregon; M.A., University of Puget Sound

Garth Johnson - SRCI ABSD Instructor; B.A., M.A., Brigham Young University

JoAnn Karel - Database Support Specialist

Sandra Kellog - Nursing Instructor; A.D.N, B.S.N., Boise State University; M.S., University of Phoenix

Michelle Kinzer - Library Technician/Department Secretary

Fran Knight - Caldwell Center Education Planner; B.A. Heritage University

Debbie Kriegh - Registrar

Everett Kyniston - SRCI Building Construction Instructor

Arwyn Larson - Science Instructor; B.S., M.S., Oregon State University

Stephanie Laubacher - Performing Arts Secretary; A.A., Treasure Valley Community College

Abby Lee - Director of Public Information; M.S., Boise State University

Mary Lee - Adult Learning Center Instructor Aide/Account Specialist

Merie Linegar - Accounts Payable Clerk

Julie Lynch - SRCI Corrections Education Coordinator

Christina Macklin - Library Manager

Kathy MacLean - SRCI Special Education Instructor; B.A., San Jose State University

Phillip Mahaffey - English Instructor; B.A., Hardin-Simmons University; M.A., Texas Tech University; M.F.A., Eastern Washington University

Montana Mangum - Transcript Evaluator

Ryan Masingill - Athletics Instructor; B.A., College of Idaho

Dustin Mason - Computer Information Systems Instructor

Maureen McDonough - Director of Nursing; A.D., Boise State University; B.S., Oregon Health Science University; M.S., Idaho State University

Linda McDowell - HEP Adult Basic Education; B.A., Lewis-Clark State College

Travis McFetridge - Residence Life Manager; B.S., George Fox University

Bonnie McGehee - Administrative Assistant; A.S., Treasure Valley Community College

Ted Millard - Physical Plant Grounds

Sheena Moore - Bookstore Clerk

Yolanda Morales - HEP Adult Basic Education; M.A., Pacific Oaks College

Sandy Newman - Bookstore Manager; A.A., Treasure Valley Community College

Tiem Nguyen - Physical Plant Maintenance

Marcus Nichols - Natural Resources Instructor; M.S., Southern Illinois University Carbondale

Nancy Olson - Nursing Department Secretary

Brad Phillips - SRCI Construction Technologies Shop Supervisor



Mikaela Pierce - Para Ed Secretary

Verna Pike - SRCI Intake/Placement/Orientation Coordinator; B.S., M.S., Colorado Tech University

Sandra Porter - Animal Sciences Instructor; B.S., University of Idaho

Michelle Potter - Physical Plant Daily Operations Manager; A.A., Treasure Valley Community College; B.S., Eastern Oregon University

Keith Raab - Financial Aid Director; B.A., Brigham Young University; M.B.A., Northwest Nazarene University

Ernesto Ramirez - HEP Director; M.E., Boise State University

Annie Reeve - Nursing Instructor; B.S., Loma Linda University

Rebecca Replogle - Music Instructor; B.M., M.M., University of Mississippi

Steve Reukauf - Physical Plant

David Reynolds - Mathematics Instructor; A.A., Lane Community College; B.A., University of Oregon; M.S., Washington State University

Richard Reynolds - Science Professor; B.S., Pennsylvania State University; M.S., Michigan State University; Ph.D., University of Maryland

Patricia Rhodes - Math Instructor; B.A., Humboldt State University; M.A., University of California

Sheryl Romans - Program Coordinator Community and Continuing Education, A.S., Treasure Valley Community College; B.S., Eastern Oregon University

Gina Roper - Administrative Assistant; A.A., Lassen Community College

Tina Ross - Student Activities Coordinator

Shawna Saito - Copy Center Assistant

Faith Salinas - Human Resources Secretary

Mary Ann Scarlett - Customer Service Center Supervisor; A.A., Boise State Junior College

Lori Schlager - Student Services Center Frontline

Jim Schmid - SRCI ABSD Instructor; B.S., School for International Training

Ellen Sheffield - ABSD Instructor SRCI; A.A., Treasure Valley Community College; B.S., Boise State University

Darryl Sholey - SRCI Instructor; M.E., Virginia Commonwealth University

Linda Simmons - Director Community and Continuing Education

Debbie Skousen - Social Science Instructor; A.A., Treasure Valley Community College; B.A., M.E., College of Idaho

Shawn Smith - Director of Human Resources; A.A., Treasure Valley Community College; B.A., Oregon State University

Mendy Stanford - Nursing Instructor; B.S., Montana State University, M.S., University of Phoenix

Nila Stephens - Admissions Secretary

Ken Strickland - Supervising Electrician

Bill Strowd - Science Instructor; B.S., M.S., University of Idaho

Marie Ott Strunk - Science Professor; A.S., Merced Community College; B.A., Stanislaus State University; M.S., University of Nevada-Reno; Ph.D., University of Nevada-Reno

Adolpho Suarez - Physical Plant/Maintenance; A.S., Treasure Valley Community College

Ina Syphers - Business Instructor; B.S., Eastern Oregon State College; M.A., Boise State University

Melia Talamantez - Caldwell Center Office Assistant

Doug Teetzen - Web Developer

Andrea Testi - Business Center Director; B.A., M.S., State University of New York

Travis Thrall - Network Support Engineer; A.A., Lewis-Clark State College

Clayton Tolman - Physical Plant Grounds Maintenance

Timothy (TJ) Toomey - Welding Instructor; A.S., Treasure Valley Community College

Robert (Wes) Tucker - Business Professor; B.S., M.B.A., Oregon State University; M.A., Ph.D., University of Idaho

Pricilla Valero - Multicultural Student Services Coordinator; B.A., University of Oregon

Drake Wallick - Mathematics Instructor; B.S., Metropolitan State College; M.A., University of Idaho

Joseph Ward - Security Manager

Renae Weber - Mathematics Professor; B.S., M.S., Oregon State University; D.E., University of Oregon

FACULTY AND STAFF

W to Z

Tara Williamson - Bookstore Clerk

Darren Wilson - Physical Plant Grounds

Debbie Wilson - Testing Center; A.A., Treasure Valley Community College

Marc Wilson - English Instructor; A.A., Treasure Valley Community College; B.S., Western Oregon University; M.A., Portland State University

Kerby Winters - Science Instructor; B.S., Idaho State University, M.S., Montana State University

Cathy Yasuda - Executive Director, Foundation; B.S., University of Oregon

Jeremy Yraguen - SRCI Test Administrator; B.S., Lewis-Clark State College

Degrees and Certificates



DEGREES & CERTIFICATES

Associate of Arts Oregon Transfer Degree (AAOT)

Overview

The College offers four degrees, the Oregon Transfer Module and a variety of certificate programs of study. Students are encouraged to review and carefully consider which degree or certificate will help them reach their educational goals. The following degrees, based on a prescribed program of study, are awarded by the college:

- Associate of Arts – Oregon Transfer (AAOT)
- Associate of Science (AS)
- Associate of General Studies (AGS)
- Associate of Applied Science (AAS)

Degrees generally may be completed within a two-year period, provided that the student enters with college-level skills in writing, reading and mathematics. Classes are available for students who need additional preparation.

Students wishing to transfer are encouraged to follow these steps: Contact the four-year college or university selected for transfer to check current entrance requirements and suggested freshman and sophomore courses in the chosen major field.

Make an educational plan with the help of a TVCC advisor, matching coursework at TVCC with coursework required at the transfer institution. Check with the transfer institution early in the second year to make sure all requirements are being met. Check deadlines for admission, and complete admission within those deadlines.

Transfer students and students returning to TVCC after a five year absence may be required to complete the requirements of the programs listed in the current catalog in the year they transfer/return to TVCC.

NOTE: New students or first time freshman seeking a certificate or two year degree are required to complete HDEV 112 (Orientation to College) with a grade of "C" or better. Exceptions include transfer students with 15 or more credits, students taking a program focused orientation class such as Agriculture or Natural Resources, or students who are required to complete HDEV 120 (College Survival and Success) based on COMPASS score. See advisor for more information.

Foreign Language Requirement

TVCC does not have a foreign language requirement, however, the four-year public universities in Oregon require two years of study of the same foreign language in high school or two terms of study at the college level for admittance (exceptions may be made by the four-year university). This applies to students graduating high school after June, 1997.

The four-year public Oregon universities also require proficiency in one foreign language in order for students to graduate with a Bachelor of Arts degree. See the four-year university for specific requirements and ways to meet them. Students who wish to transfer are encouraged to meet their foreign language requirement at TVCC.

Associate of Arts Oregon Transfer Degree (AAOT)

NOTE: The AAOT is in the process of revision. The revised AAOT will go into effect for new students Fall 2010.

The Associate of Arts Oregon Transfer Degree (AAOT) is designed for students who want to earn a two-year degree in order to transfer to a four-year college or university. The first two years of college work are accomplished at the community college level, transfer as a block, and are accepted as meeting the freshman and sophomore requirements at all public Oregon universities. This degree enables the student to meet all lower division general education requirements and attain junior standing for registration purposes. It does not guarantee that the student will gain entrance with junior standing into the student's desired major area. Class standing, GPA requirements, or required courses for specific majors are not necessarily satisfied by the AAOT degree. If a student transfers before completing the AAOT degree, coursework will be evaluated by the four-year school on a course-by-course basis.



This degree has also been approved for transfer by the Idaho Board of Education to all public Idaho colleges and universities. This degree is also excellent preparation for transfer to many private and out-of-state colleges and universities.

Students are advised to plan well in advance of transfer for specific pre-requisite and pre-major course requirements. Students should develop an educational plan, working closely with their TVCC advisor as well as an advisor at the four-year college or university selected for transfer.

AAOT DEGREE REQUIREMENTS

Students must complete a minimum of 90 quarter credits in courses numbered 100 or above with a grade point average of at least 2.0 in order to graduate with an AAOT degree. Students must also earn a grade of "C" or better in each foundation skills course. At least 24 credits must be earned at TVCC. Credits must satisfy requirements listed below.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must earn a grade of "C" or better in each foundation skills course.

- Writing Skills (9 Credits)
 - WR 121, WR 122
 - WR 123 or WR 227
- Oral Communications (3 credits)

- SP 111 or SP 112 or SP 219
- Mathematics (4 credits)
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (45 CREDITS)

Students will select credits from three areas of study:

- Arts and Letters..... 15 Credits
- Social Science 15 Credits
- Science/Math/Computer Science..... 15 Credits

Eligible courses for distribution requirements are listed on page 30 & 31. These courses may also be used to satisfy requirements for a discipline emphasis, where applicable. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

ARTS & LETTERS (15 CREDITS)

A minimum of fifteen credits, chosen from the following two lists in at least three disciplines. Nine credits must be taken from list B.

- List A (performance or activity-based classes)
 - ART 131, 132, 133, 253, 254, 255, 261, 262, 265
 - SP 111, 112, 219
 - TA 111, 112, 113, 141, 142, 143
- List B (lecture-based theory classes)
 - ART 101, 115, 204, 205, 206
 - ENG 104, 105, 106, 107, 108, 109, 195, 201, 202, 203, 204, 205, 206, 253, 254, 255, 260
 - HUMN 148, 149, 150
 - MUS 101, 111, 112, 113, 201, 202, 203, 205, 211, 212, 213
 - PHIL 101
 - R 201
 - SPAN 201, 202, 203
 - TA 100
 - WR 241, 242, 243

SOCIAL SCIENCES (15 CREDITS)

A minimum of fifteen credits, chosen from the following list in at least two disciplines, with no more than nine credits from one discipline.

- ANTH 110
- CJ 100, 120, 201, 222, 220, 223
- ECON 201, 202, 203
- ETHN 101, 102, 103
- GEOG 105
- HIST 101, 102, 103, 201, 202, 203
- POSC 201, 202, 203
- PSYC 201, 202, 203, 235, 236, 237
- R 201
- SOC 204, 205, 206

SCIENCE/MATH/COMPUTER SCIENCE (15 CREDITS)

A minimum of fifteen credits chosen from the following list, including at least twelve credits in biological or physical sciences, labs, and chosen from at least two disciplines. *Lab sciences are indicated by an asterisk (*).*

- BIOL 101*, 102*, 103*, 107*, 211*, 212*, 213*, 231*, 232*, 233*, 234*
- CHEM 104*, 105*, 106*, 121*, 122*, 123*, 221*, 222*, 223*
- CS 133, 233
- FNUT 225
- GEOG 101
- GEOL 201*, 202*, 203*
- GSCI 104*, 105*, 106*, 107*, 108*, 110*

- MATH 105, 111, 112, 113, 211, 212, 213, 243, 244, 251, 252, 253
- PHYS 201*, 202*, 203*, 211*, 212*, 213*

DIVERSITY REQUIREMENT

One course, selected from the following list, meets the diversity requirement. The course selected for the diversity requirement may also be used to full distribution requirements, where applicable.

- ANTH 110
- ART 101, 204, 205, 206
- ENG 107, 108, 109, 260
- ETHN 101, 102, 103
- HUMN 149, 150, 151
- GEOG 105
- R 101
- SOC 205
- SPAN 101, 102, 103, 201, 202, 203

AAOT ELECTIVE COURSES (TO TOTAL 90 CREDITS)

Electives may be selected from the distribution list or other lower division transfer courses. Elective credit might be used to satisfy a discipline emphasis. Note: Courses used to fulfill Foundation Skills requirements may not be used as electives.

No more than 12 professional-technical credits, 12 physical activity, 12 applied performance credits, and 12 cooperative-work experience credits may be applied toward the AAOT degree. Special Studies or independent studies numbered 198, 199, 298, or 299 may be taken as electives but will not satisfy foundation skills or distribution requirements. It is recommended that students limit these types of credits to a maximum of twelve, inclusive of all areas listed.

Oregon Transfer Module (OTM)

The Oregon Transfer Module comprises the first year of general education coursework leading directly to an AAOT degree or into a baccalaureate degree from any public Oregon college or university. Students will advance to sophomore standing upon completion of the OTM.

A minimum of 45 credits in classes numbered 100 or above with a grade point average of at least 2.0 are required to earn the OTM. Credits must be selected from the requirements listed below



DEGREES & CERTIFICATES

Associate of General Studies Degree (AGS)

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must earn a grade of "C" or better in each foundation skills course.

- Writing Skills (6 Credits)
 - WR 121, WR 122
- Oral Communications (3 credits)
 - SP 111 or SP 112 or SP 219
- Mathematics (4 credits)
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (30 CREDITS)

Students will select three courses from each of three areas of study: Arts and Letters, Social Science, and Science/Math/Computer Science. Eligible courses are listed on page 30 & 31. These courses may also be used to satisfy requirements for a discipline emphasis, where applicable. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

ELECTIVES (TO BRING TOTAL TO 45 CREDITS)

Courses must be selected from Arts and Letters, Social Science, and Science/Math/Computer Science distribution courses.

Associate of Science Degree (AS)

This degree is a planned sequence of courses designed to meet lower division requirements in specific programs at receiving institutions in Oregon and Idaho. Completion of this degree does not guarantee that all lower division requirements have been met. Students are advised to plan well in advance of transfer for specific prerequisite and pre-major course requirements. Students should develop an educational plan, working closely with their TVCC advisor as well as an advisor at the four-year university selected for transfer.

This degree is also excellent preparation for transfer to many private and out-of-state colleges and universities.

AS DEGREE REQUIREMENTS

Students must complete a minimum of 90 quarter credits in courses numbered 100 or above with a grade point average of at least 2.0 in order to graduate with an AS degree. Students must also earn a grade of "C" or better in each foundation skills course. At least 24 credits must be earned at TVCC. Credits must satisfy requirements listed below;

FOUNDATION SKILLS REQUIREMENTS

NOTE: See specific Associate of Science degrees for exact course requirements.

Students must earn a grade of "C" or better in each foundation skills course.

- Writing Skills (6 Credits)
 - WR 121, WR 122
- Oral Communications (3 credits)
 - SP 111 or SP 112 or SP 219
- Mathematics (4 credits)
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS

NOTE: See specific Associate of Science degrees for exact course requirements.

Students will select credits from three areas of study Arts and Letters, Social Science, and Science/Math/Computer Science. Eligible courses are listed below. These courses may also be used to satisfy requirements for a major emphasis, where applicable.

- Arts and Letters (9 credits, must be a sequence)
 - Any Literature (ENG prefix)
 - Music and Its Literature
 - History of Western Art
 - Introduction to Humanities
 - Survey of Theatre Arts
- Social Science (9 credits, minimum of two subject areas)
 - History
 - General Psychology
 - Principles of Economics
 - General Sociology
 - American Government
 - Ethnic Studies
- Science (12 credits, must be a sequence)
 - Any Life or Physical Science with a Lab
 - Check with an advisor for options

DIVERSITY REQUIREMENT

One course, selected from the following list, meets the diversity requirement. The course selected for the diversity requirement may also be used to full distribution requirements, where applicable.

- ANTH 110
- ART 101, 204, 205, 206
- ENG 107, 108, 109, 260
- ETHN 101, 102, 103
- HUMN 149, 150, 151
- GEOG 105
- R 101
- SOC 205
- SPAN 101, 102, 103, 201, 202, 203

DEPARTMENT REQUIREMENTS

Students are referred to their chosen program of study, where specific courses that fulfill departmental requirements are identified.

ELECTIVE COURSES

Electives may be selected from the distribution list or other academic courses. Note: Courses used to fulfill foundation skills requirements may not be used as electives. Special Studies or independent studies numbered 198, 199, 298, or 299 may be taken as electives but will not satisfy foundation skills or distribution requirements.



Associate of General Studies Degree (AGS)

The Associate of General Studies degree allows students to tailor a degree program to their own academic, professional or personal goals. This degree, which may include lower division college-level and professional-technical courses, is not designed specifically for transfer, although a number of courses may transfer depending on evaluation by the receiving four year college. With careful planning, students may also use this degree as a basis for tailoring transfer coursework to a program at a specific out-of-state or private four-year college. If students wish to transfer with this degree, they are advised to plan well in advance. Students should develop an educational plan, working closely with their TVCC advisor as well as an advisor at the four-year college or university selected for transfer.

AGS DEGREE REQUIREMENTS

Students must complete a minimum of 90 quarter credits in courses numbered 100 or above with a grade point average of at least 2.0 in order to graduate with an Associate of General Studies degree. Students must also earn a grade of "C" or better in each foundation skills course. At least 24 credits must be earned at TVCC. Credits must satisfy requirements listed below.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must earn a grade of "C" or better in each foundation skills course.

- Writing Skills (9 Credits)
 - WR 121, WR 122, WR 123 or 227
- Oral Communications (3 credits)
 - SP 111 or SP 112 or SP 219
- Mathematics (4 credits)
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (36 CREDITS)

Students will select credits from three areas of study Arts and Letters, Social Science, and Science/Math/Computer Science. Eligible course areas are listed below. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- Arts and Letters (12 credits)
 - Fine Arts
 - Language
 - Literature
 - Music
 - Theatre or Humanities (not studio classes)
- Social Science (12 credits)
 - History
 - General Psychology
 - Principles of Economics
 - General Sociology
 - American Government
 - Ethnic Studies
- Science/Math/Computer Science (12 credits, maximum of two courses can be completed in each area.)
 - Any lower division math course above MATH 60
 - Any lower division science course
 - Any lower division computer science course

DIVERSITY REQUIREMENT

One course, selected from the following list, meets the diversity requirement. The course selected for the diversity requirement may also be used

to full distribution requirements, where applicable.

- ANTH 110
- ART 101, 204, 205, 206
- ENG 107, 108, 109, 260
- ETHN 101, 102, 103
- HUMN 149, 150, 151
- GEOG 105
- SOC 205
- SPAN 101, 102, 103, 201, 202, 203

ELECTIVES (TO TOTAL 90 CREDITS)

Electives may be selected from any lower division college-level or professional-technical course.

Associate of Applied Science Degree (AAS)

The Associate of Applied Science degree is designed to prepare students for direct entry into the workforce. The degree also provides a foundation for career advancement, and may, depending on the program of study, prepare students for certification or licensure in their chosen field. This degree combines professional-technical courses with related education in communication, computation and human relations. While this degree is not intended for transfer, some four-year colleges may accept all or part of the courses in the degree. If students wish to transfer with this degree they should develop an educational plan, working closely with their TVCC advisor as well as an advisor at the four-year college or university selected for transfer.

AAS DEGREE REQUIREMENTS

Students must complete a minimum of 90 quarter credits with a grade point average of at least 2.0 in order to graduate with an AAS degree. Exception: Students may include courses numbered less than 100 if those courses are identified by the department as required under related education. Students must also complete all departmental and related education requirements. At least 24 credits must be earned at TVCC. Credits must satisfy requirements listed below.

RELATED EDUCATION REQUIREMENTS (credits vary by program)

All programs require specific related education courses from the coursework listed below. Students must complete the specific courses identified in their chosen AAS degree.

- Communication
 - WR 101, WR 121, WR 227, BA 214
- Computation
 - AET 211, BA 104, MATH 60, MATH 70
- Human Relation skills
 - PSYC 101, BA 204, EDUC 246 with EDUC 247, CJ 200 (INED 156 is recommended)

PROFESSIONAL-TECHNICAL PROGRAM REQUIREMENTS

Credits and requirements for each professional-technical program of study are listed by department.

Professional-Technical Certificates

CERTIFICATES OF COMPLETION

Professional Technical Certificates of Completion are designed to prepare students for relatively quick and direct entry into the workforce. A certificate is awarded for a prescribed professional technical program of study and may be from 12 to 90 credits in length. Most certificates offered by TVCC are three quarters in length or less and may include related instruction in communication, computation and human relations skills. Most certificates are also part of a career pathway that can lead to an Associates of Applied degree.

Students must complete certificate requirements with at least a 2.0 grade average. Practical Nursing graduates must also have a "C" or better in each required class.

CAREER PATHWAYS

Pathways assist students interested in transitioning from school to the workforce and back to school, as they continue their education. Career Pathways provide students a track to higher learning through professional and technical certificate, degrees, and skills in high-demand occupations.

Career Pathways offers short-term certificates (12-44 credits) and technical training designed to upgrade skills and increase earning potential. Certificates are designed and developed in partnership with industry and allow students to "step in and out" of their education with no loss of earned credits.

OREGON CAREER READINESS CERTIFICATE (CRC)

The Oregon Career Readiness Certificate is an employment credential. The college, in partnership with the Training and Employment Consortium, offers individuals the opportunity to test for the Career Readiness Certificate. This certificate is based on the results of testing for foundational skills in reading for information, applied mathematics and locating information, and it verifies three different skill levels: basic (bronze), proficient (silver), and advanced (gold). For more information call 541-881-8822 ext. 304.

INDUSTRY CERTIFICATIONS

A number of the professional technical programs prepare students to test for various industry certifications. Industry certification is recognized by employers as evidence that an individual has demonstrated a skill level that is required or recommended by the industry.



Articulation Agreements

PROGRAM ARTICULATION AGREEMENTS WITH OTHER COMMUNITY COLLEGES

The following certificates and degrees allow students at TVCC to take Pre-requisite and general course requirements at TVCC to prepare for on-line enrollment in specialized program courses at our partner community college. Internships for Pharmacy Technician and Diagnostic Imaging Technician will be arranged at local internship sites. See Student Services for further information.

- Pharmacy Technician Certificate—Central Oregon Community College
- Diagnostic Imaging Technician Associate of Applied Science Degree—Linn Benton Community College
- Wine making Associate of Applied Science Degree—Chemeketa Community College (Pending approval)
- Wine Marketing Associate of Applied Science Degree—Chemeketa Community College (Pending approval)

TRANSFER ARTICULATION AGREEMENTS WITH UNIVERSITIES

TVCC has written articulation agreements with a number of universities in order to assist students with seamless transfer. Students may transfer where no written articulation agreement exists between the university and TVCC, but where articulation agreements do exist, ease of transfer and acceptance of credits by the university is significantly increased. TVCC has agreements with the following universities:

- Associate of Arts Oregon Transfer degree (AAOT)—all Oregon and Idaho universities
- Associate of Science Oregon Transfer in Business Administration—all Oregon universities
- Agriculture Associate of Science degrees-Oregon State University
 - Animal Science
 - Agriculture Business
 - Agriculture Resource Economics
 - Crop Science
 - General Agriculture
 - General Agriculture (Teacher Preparation)
 - Soil Science
- Agriculture Associate of Science Degree-University of Idaho
 - Animal Science
 - Agricultural Economics
 - Agriculture Education
 - Agriculture Science and Technology
- Elementary Education—Eastern Oregon University
- Natural Resources Associate of Science Degree—Oregon State University
- Natural Resources Associate of Science Degree—University of Idaho
- Natural Resources Wildlife and Fishery Science Associate of Science Degree—University of Idaho
- Structural Fire Technology—transfer with Associate of Applied Science degree plus specific courses—Eastern Oregon University (pending final approval)

OTHER ARTICULATION AGREEMENTS

- Heavy Equipment Operator/Truck Driving training—Heavy Equipment Operator School of Idaho.



PROGRAM ARTICULATION AGREEMENTS WITH HIGH SCHOOLS (2+2 AGREEMENTS)

TVCC has written agreements with specific Oregon and Idaho high schools to assist high school students with transition to the community college. High School students may take certain classes, specified in the articulation agreement, at their local high school, and those courses will be transcripted as equivalent to a parallel community college course.

- Oregon – Agriculture, Viticulture, Welding
 - Adrian
 - Baker City
 - Burns
 - Burnt River (Unity)
 - Crane
 - Cove
 - Elgin
 - Enterprise
 - Grant Union (John Day)
 - Imbler
 - Jordan Valley
 - Joseph
 - LaGrande
 - Long Creek
 - Monument
 - Nyssa
 - Ontario
 - Pine Eagle (Halfway)
 - Powder Valley
 - Prairie City
 - Union
 - Vale
- Idaho – Agriculture & Welding
 - Cambridge
 - Declo
 - Fruitland
 - Meridian
 - Payette
 - Rexburg
 - Twin Falls
 - Weiser

Short-Term Training

CONTINUING EDUCATION • EXT. 281/358

The College offers a variety of short-term training programs that prepare students to rapidly gain skills for entry-level employment or acquire upgrade skills. Many of these short-term options also prepare students to pass certifying exams in specific occupational fields.

ADDICTION STUDIES

This series of nine Human Services classes prepares students for entry-level employment as para-professional counselors in the field of chemical dependency. Students successfully completing these classes are eligible to take a national certifying exam to become a Certified Alcohol and Drug Counselor I (CADC I) in Oregon and ISAS (Idaho Student of Addiction Studies) certified in Idaho. In addition to taking classes and passing the certifying exam, students must complete a supervised practicum. Additional education and supervised internship leads to CADC II. All courses, with the exception of Group Counseling Skills may be taken online.

COURSE #	COURSE TITLE	CREDITS
• Fall Quarter		
- HSER 101	Pharmacology	3
- HSER 102	Drug Use, Misuse/Addiction	3
• Winter Quarter		
- HSER 202	Counseling Techniques I	4
- HSER 228	Screening/Assessing Skills.....	4
• Spring Quarter		
- HSER 224	Group Counseling Skills	3
- HSER 226	Ethics for Addictions Counselors.	3
• Summer Quarter		
- HSER 248	Infectious Diseases	2
- HSER 219	Case Management.....	3
- HSER 280	Practicum Work Experience.....	1-3

Students may earn an Associate of General Studies (AGS) degree with an emphasis on Addiction Studies (see page 30 for AGS requirements). This option is designed for students who wish to sit for the Certified Alcohol and Counselor state entry level exams in either Idaho or Oregon, **but are not pursuing a transfer degree.**

BASIC OFFICE SKILLS AND COMPUTER TRAINING

This short, intense course prepares students for entry-level employment in an office environment as receptionists, file clerks, inventory clerks, office assistants, customer service representative, data-entry clerks and other general clerical jobs. Students will complete 140 hours of training in basic clerical and computer skills.

CAREER READINESS CERTIFICATE (CRC)

The Oregon Career Readiness Certificate is an employment credential. The college, in partnership with the Training and Employment Consortium, offers individuals the opportunity to test for the Career Readiness Certificate. This certificate is based on the results of testing for foundational skills in reading for information, applied mathematics and locating information, and it verifies three different skill levels: basic (bronze), proficient (silver), and advanced (gold).

DEGREES & CERTIFICATES

Short-Term Training

ELECTRICAL APPRENTICESHIP

Students registered as Licensed Electrical Apprentices with the State of Oregon or State of Idaho, are eligible for electrical apprenticeship classes. Approximately 48 hours of classroom instruction per quarter or 144 hours per year using National Journeyman approved curriculum. Currently offering 1st through 4th year curriculum.

FIRST RESPONDER TRAINING

The First Responder Course emphasizes development of student skills in recognizing the signs and symptoms of various injuries and illnesses and in providing basic life support emergency medical care. The 44-hour course uses the EMS: First Responder Training curriculum developed and approved by the US Dept. of Transportation, National Highway Safety Administration and includes automatic and semi-automatic defibrillation.

HOME HEALTHCARE AIDE (HHA)

This 40-hour course prepares students to work as adult care workers in private homes or nursing homes.

NURSING ASSISTANT

This short term program prepares students to work as nursing assistants in nursing homes and other healthcare facilities. Students successfully completing 155 hours of classroom lecture, lab, and clinical work are eligible to take the Oregon State certifying exam. Certified Nursing Assistant courses are offered at various times throughout the year. For information contact the Nursing Department at ext. 289.

WILDLAND FIRE TRAINING FOR INDUSTRY

These courses are designed to meet the safety and management needs of wildland fire operations. Basic skills classes prepare students for entry-level employment with public and private fire crews. Advanced and specialized classes are available to people currently working in wildland fire crews, allowing them to remain current or upgrade their skills. Course curriculum meets or exceeds the National Wildfire Coordinating Group (NWCG) nationally accepted standards. Note: Many wildland fire classes can be used to obtain an Associate of Applied Science Degree in Wildland Fire Management. See page 107 of catalog for more information.



Programs of Study



PROGRAMS OF STUDY

Agriculture to Education

Associate of Arts Oregon Transfer Degree (A.A.O.T.) with discipline emphasis • Associate of Science Degree (A.S.)
Associate of Applied Science Degree (A.A.S.) • Certificate (Cert.) • Industry Certifications (I.C.)

PROGRAM	A.A.O.T	A.S.	A.A.S.	CERT.	I.C.	PAGE
AGRICULTURE - AT A GLANCE / CAREER PATHWAYS						41-42
Agriculture Business Technician				X		43
Agriculture Business (OSU)		X				44
Agriculture Economics (Uofl)		X				45
Agriculture Education (Uofl)		X				46
Agriculture Science and Technology (Uofl)		X				47
Animal Science (Uofl)		X				48
Animal Science (OSU)		X				49
Crop Science (OSU)		X				50
General Agriculture (OSU)		X				51
General Agriculture (Teacher Prep) (OSU)		X				52
Ranch Animal Technician				X	X	53
Ranch Management			X			54
Soil Science (OSU)		X			X	55
Viticulture			X			136
ARCHITECTURE (First Year Transfer Coursework)						56
ART	X					57
BIOLOGICAL SCIENCE	X					58
BUSINESS ADMINISTRATION - AT A GLANCE / CAREER PATHWAYS						59-60
Applied Accounting Specialist				X		61
Business Administration		X				62
Business Administration	X					63
Business Administration-Accounting	X					64
Business Management			X			65
Business Management-Accounting			X			66
Retail Management				X		67
CHEMISTRY	X					68
CHIROPRACTIC (PRE)	X					69
COMPUTER INFORMATION SYSTEMS - CAREER PATHWAYS						70
Computer Information Systems				X	X	71
Computer Information Systems			x		X	72
COMPUTER SCIENCE	X					73
CRIMINAL JUSTICE - CAREER PATHWAYS						74
Criminal Justice-Corrections				X		75
Criminal Justice			X			76
Criminal Justice	X					77
DENTAL HYGIENE (PRE)	X					78
DIAGNOSTIC IMAGING			X			79
ECONOMICS	X					80
EDUCATION- AT A GLANCE / CAREER PATHWAYS						81-82
Early Childhood Education				X	X	83
Early Childhood Education			X		X	84

PROGRAMS OF STUDY

Education to Political Science

Associate of Arts Oregon Transfer Degree (A.A.O.T.) with discipline emphasis • Associate of Science Degree (A.S.)
Associate of Applied Science Degree (A.A.S.) • Certificate (Cert.) • Industry Certifications (I.C.)

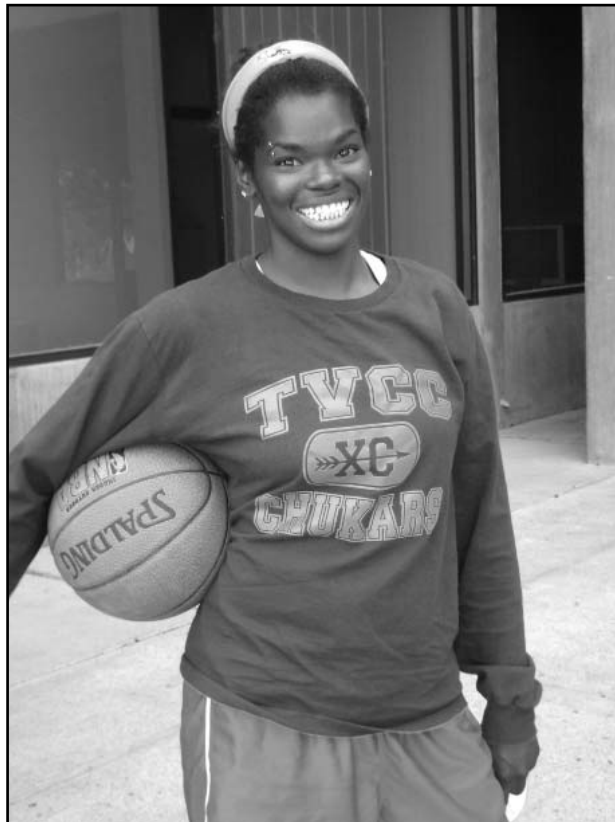
PROGRAM	A.A.O.T	A.S.	A.A.S.	CERT.	I.C.	PAGE
Elementary Education	X					85-86
Instructional/Bilingual Classroom Assistant			X			87
EMERGENCY MEDICAL TECHNICIAN (EMT)				X	X	88
ENGINEERING (PRE)	X					89
ENGLISH	X					90
GEOLOGY	X					91
GEOGRAPHIC INFORMATION SYSTEMS TECHNOLOGY APPLICATIONS			X			92
HEAVY EQUIPMENT OPERATOR					X	92
HISTORY	X					93
HORSE PRODUCTION AND TRAINING			X			94
LAW (PRE - Advising Information)	X					95
MATHEMATICS	X					96
MEDICINE (PRE)	X					97
MUSIC	X					98
NATURAL RESOURCES - AT A GLANCE / CAREER PATHWAYS						99-100
Cartography and Field Mapping Technician				X		101
Natural Resources			X			102
Natural Resources (OSU)	X					103
Natural Resources (Uofl)	X					104
Natural Resources Conservation				X		105
Natural Resources Environmental Technician				X		106
Natural Resources Wildland Fire				X	X	107
Natural Resources Wildland Fire			X		X	108
Natural Resources Wildlife and Fisheries (Uofl)	X					109
HEALTH OCCUPATIONS - CAREER PATHWAYS						110
NURSING - AT A GLANCE / CAREER PATHWAYS						111-112
Practical Nurse				X	X	113
Registered Nurse			X		X	113
Nursing	X					114
OFFICE ADMINISTRATION - AT A GLANCE / CAREER PATHWAYS						115-116
Legal Office			X			117
Medical Office Administration			X			118
Medical Transcription			X			119
Office Administration			X			120
Office Specialist				X		121
PHARMACY						
Pharmacy Technician (Partner with Central Oregon CC)				X		122
Pharmacy (PRE)	X					123
PHYSICAL EDUCATION	X					124
PHYSICAL THERAPY (PRE)	X					125
PHYSICS	X					126
POLITICAL SCIENCE	X					127

PROGRAMS OF STUDY

Veterinary Medicine to Welding Technology

Associate of Arts Oregon Transfer Degree (A.A.O.T.) with discipline emphasis • Associate of Science Degree (A.S.)
 Associate of Applied Science Degree (A.A.S.) • Certificate (Cert.) • Industry Certifications (I.C.)

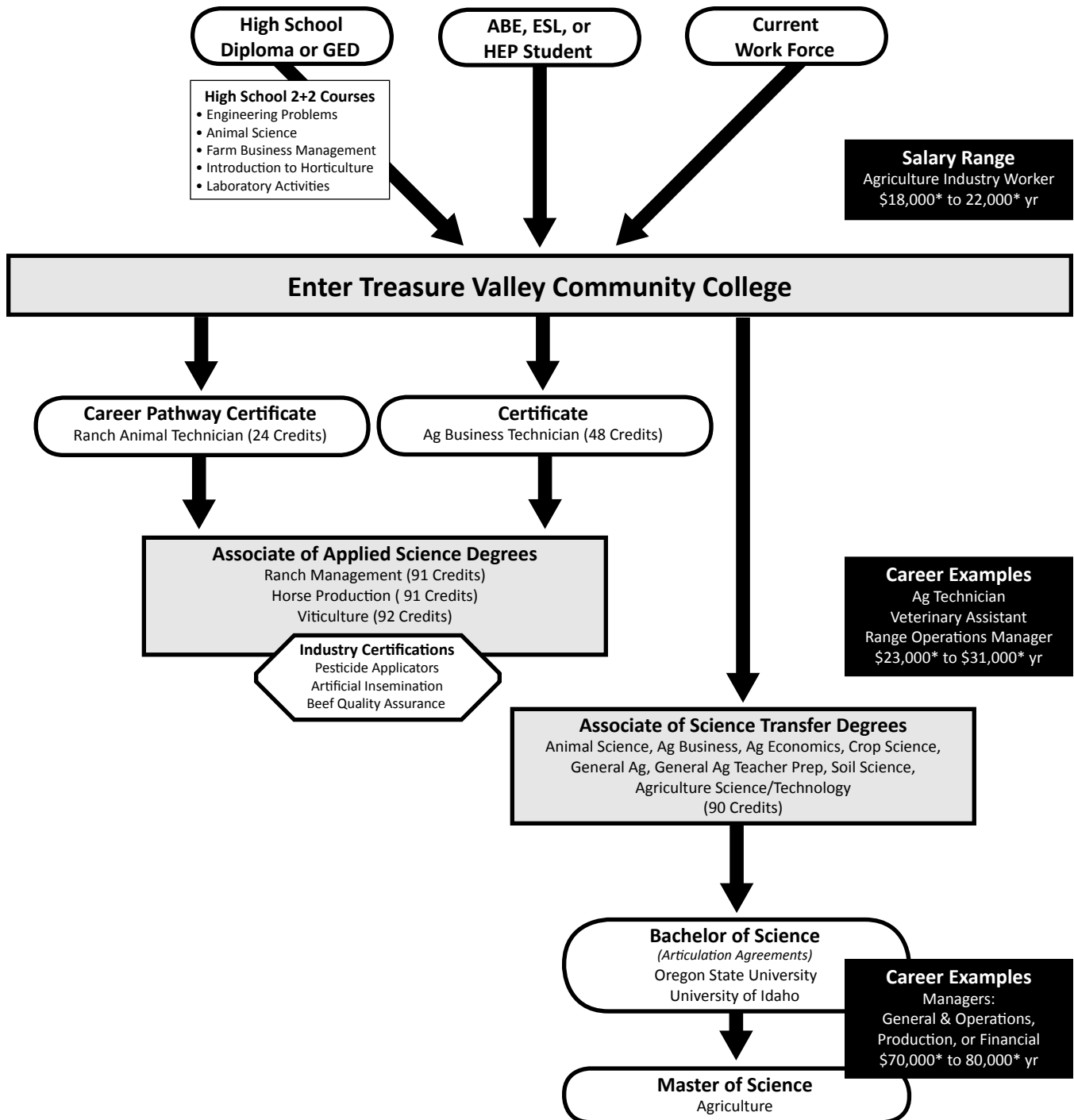
PROGRAM	A.A.O.T	A.S.	A.A.S.	CERT.	I.C.	PAGE
PSYCHOLOGY	X					128
RADIOLOGICAL SCIENCE (First Year Transfer Coursework)						129
SOCIAL WORK	X					130
SOCIOLOGY	X					131
STUCTURAL FIRE SCIENCE - CAREER PATHWAYS						132
Structural Fire Science			X		X	133
THEATRE ARTS	X					134
VETERINARY MEDICINE (PRE)	X					135
VITICULTURE						
Viticulture and Enology			X			136
Wine Making (Partner with Chemeketa CC)			X			137
Wine Marketing (Partner with Chemeketa CC)			X			137
WELDING TECHNOLOGY - CAREER PATHWAYS						138
Welding Technology				X	X	139
Welding Technology			X		X	140



Agriculture Career Pathway Options

Department: Agriculture

Advising: Roger Findley (ext. 307), Sandra Porter (ext. 306); Sonny Hansen (ext. 305)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

AGRICULTURE BUSINESS TECHNICIAN

Certificate of Completion

Agriculture Business Technician CERTIFICATE

Department: Agriculture
Advising: Roger Findley (ext. 307)

The one-year Agriculture Business Technician Certificate prepares students to enter or advance in the agricultural field as a customer service/sales representative, field technician, or field scout with a focus on the crop and seed industry.

This certificate is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.** A minimum **grade point average of 2.0** is required to obtain the certificate.

DUAL CREDIT (2+2)

Students will receive credit for agriculture classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

LEARNING OUTCOMES

Students who complete the Agriculture Business Technician Certificate of Completion will be prepared to:

- Select and implement an appropriate record keeping system that satisfies state and federal requirements.
- Keep and analyze a record keeping systems to make sound management decisions.
- Identify and use 5 marketing systems for farm and ranch products.
- Develop and implement a ranch or farm conservation plan based on soil series, grazing management and irrigation methods.

RELATED EDUCATION REQUIREMENTS (7 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communications
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (1 credit)**
 - INED 156 Employment Strategies

REQUIRED COURSES FOR AGRICULTURE BUSINESS TECHNICIAN (41 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- AREC 211	Management in Agriculture.....	4
- CSS 205	General Soils	3
- HPE 120	First Aid.....	2
- HORT 111	Introduction to Plant Growth	3
- AG 111	Agriculture Computers	3
• Winter Quarter		
- AREC 210	Farm Business Management	3
- AG 215	Irrigation and Drainage	4
- CSS 210	Forage Production	3
- CSS 215	Soil Nutrients and Fertilizer	3
- CSS 217	Pesticide Safety and Use	1
• Spring Quarter		
- AREC 221	Marketing in Agriculture.....	3
- CSS 240	Intro to Noxious Weeds	3
- CSS 200	Principles of Crop Science.....	4
- AG 201	Current Issues in Agriculture	1

Total Number of Credits in Certificate48

AGRICULTURE BUSINESS

Associate of Science Transfer Degree to Oregon State University

Agriculture Business

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO OREGON STATE UNIVERSITY

Department: Agriculture
Advising: Roger Findley (ext. 307)

This degree fulfills the general education block transfer to Oregon State University. A minimum of 96 transfer credits and a minimum **grade point average of 2.0** are needed to graduate. Oregon universities require students graduating high school after 1997 to have either two years high school or two terms college second language at entry.

The following courses are recommended for students interested in pursuing a degree in Agriculture Business at Oregon State University and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at Oregon State University.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses. Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (23 CREDITS)

- **Arts and Letters - Choose one class from each of the following two areas:**
 - **Literature and Arts:**
 - ART 101 Intro to Art
 - ENG 104, 105, 106 Intro to Literature
 - ENG 253, 254, 255 Survey of American Literature
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - **Western Culture:**
 - ENG 253, 254, 255 Survey of American Literature
 - HIST 101, 102, 103 History of Western Civilizations
- **Social Science:**
 - **Social Process: All classes listed are required**
 - ECON 201, 202 Principles of Economics: Micro/Macro
 - **Social Science: Choose one class from this area:**
 - HIST 201, 202, 203 History of the United States
- **Science/Math/Physical Science: All classes listed are required**
 - MATH 243 Intro to Probability & Stats I
 - CHEM 121, 122 General Chemistry

RECOMMENDED COURSES FOR AGRICULTURE BUSINESS EMPHASIS (57 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- AG 111	Agriculture Computers	3
- ANS 121	Intro to Animal Science	3
- ANS 122	Intro to Animal Science Operations	1
- AREC 210	Farm Business Management	3
• Winter Quarter		
- AREC 211	Management in Agriculture	4
- ANS 211	Applied Animal Nutrition	3
• Spring Quarter		
- AREC 221	Marketing in Agriculture	3
- ANS 210	Feed and Ration Formulation	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 211	Principles of Accounting	4
- ANS 216	Beef Pregnancy Testing	3
- ANS 278	Principles of Animal Breeding	3
- CSS 205	General Soils	3
• Winter Quarter		
- BA 212	Principles of Accounting	4
- BA 226	Business Law I	3
- ANS 215	Beef/Dairy Cattle Production	3
• Spring Quarter		
- AREC 201	Agriculture Accounting	3
- HPE 295	Health & Fitness for Life	3
- AG 201	Current Issues in Agriculture	1
- ANS 217	Artificial Insemination	3

Agriculture Economics

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO UNIVERSITY OF IDAHO

Department: Agriculture
Advising: Roger Findley (ext. 307)

This degree fulfills the general education block transfer to University of Idaho. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Agricultural Economics at University of Idaho and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at University of Idaho.

FOUNDATION SKILLS REQUIREMENTS (14 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122, English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 95 Intermediate Algebra

DISTRIBUTION REQUIREMENTS (37 CREDITS)

- **Arts and Letters - Choose any three classes:**
 - ART 101 Intro to Art
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - ENG 104, 105, 106 Intro to Literature
 - ENG 201, 202, 203 Shakespeare
 - ENG 253, 254, 255 Survey of American Literature
 - HUMN 148, 149, 150 Intro to Humanities
- **Social Science - Choose four classes from:**
 - Economics
 - History
 - Political Science
 - Psychology
 - Sociology
- **Science/Math/Computer Science -All classes listed are required:**
 - BIOL 101, 102 General Biology
 - CHEM 121, 122 General Chemistry

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR AGRICULTURE ECONOMICS EMPHASIS (40 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- AG 111	Agriculture Computers	3
- AREC 210	Farm Business Management	3
• Winter Quarter		
- AREC 211	Management in Agriculture	4
- AG	Any Agriculture Electives	3
• Spring Quarter		
- AREC 221	Marketing in Agriculture	3
- AG	Any Agriculture Elective	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 211	Principles of Accounting	3
- AG	Agriculture Electives	3
• Winter Quarter		
- BA 212	Principles of Accounting	3
- AG	Any Agriculture Electives	4
• Spring Quarter		
- AREC 201	Agriculture Accounting	3
- BA 213	Principles of Accounting	3
- AG 201	Current Issues in Agriculture	1

AGRICULTURE EDUCATION

Associate of Science Transfer Degree to University of Idaho

Agriculture Education

ASSOCIATE OF SCIENCE TRANSFER DEGREE
TO UNIVERSITY OF IDAHO

Department: Agriculture
Advising: Roger Findley (ext. 307)

This degree fulfills the general education block transfer to University of Idaho. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Agricultural Education at University of Idaho and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at University of Idaho.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 95 Intermediate Algebra

DISTRIBUTION REQUIREMENTS (37 CREDITS)

- **Arts and Letters - Choose any three classes:**
 - ART 101 Intro to Art
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - ENG 104, 105, 106 Intro to Literature
 - ENG 201, 202, 203 Shakespeare
 - ENG 253, 254, 255 Survey of American Literature
 - HUMN 148, 149, 150 Intro to Humanities
- **Social Science - Choose four classes from:**
 - Economics
 - History
 - Political
 - Science
 - Psychology
 - Sociology
- **Science - All classes listed are required:**
 - BIOL 211 College Biology
 - CHEM 121, 122 General Chemistry

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR AGRICULTURAL EDUCATION EMPHASIS (44 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- AET 221	Shop Skills	3
- ANS	Any Animal Science	3
• Winter Quarter		
- AG 212	Engine Theory Operations	3
- ANS	Any Animal Science	3
• Spring Quarter		
- AG 221	Metals and Welding	3
- ANS	Any Animal Science	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 111	Agriculture Computers	3
- AREC	Any Agriculture Economics	3
- CSS 205	General Soils	3
• Winter Quarter		
- AREC	Any Agriculture Economics	3
- CSS	Any Crop Science	3
- ANS	Any Animal Science	3
• Spring Quarter		
- CSS	Any Crops Elective	3
- AREC	Any Agricultural Economics	3
- AG 201	Current Issues in Agriculture	1

AGRICULTURE SCIENCE AND TECHNOLOGY

Associate of Science Transfer Degree to University of Idaho

Agriculture Science and Technology

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO UNIVERSITY OF IDAHO

Department: Agriculture
Advising: Roger Findley (ext. 307)

This degree fulfills the general education block transfer to University of Idaho. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Agricultural Science and Technology at University of Idaho and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at University of Idaho.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 95 Intermediate Algebra

DISTRIBUTION REQUIREMENTS (33-36 CREDITS)

- **Arts and Letters - Choose any three classes:**
 - ART 101 Intro to Art
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - ENG 104, 105, 106 Intro to Literature
 - ENG 201, 202, 203 Shakespeare
 - ENG 253, 254, 255 Survey of American Literature
 - HUMN 148, 149, 150 Intro to Humanities
- **Social Science - Choose four classes from:**
 - Economics
 - History
 - Political Science
 - Psychology
 - Sociology
- **Science - Complete one series:**
 - BIOL 211, 212, 213 College Biology or
 - CHEM 121, 122, 123 General Chemistry

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR AGRICULTURE SCIENCE AND TECHNOLOGY EMPHASIS (47 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- AG 111	Agriculture Computers	3
- ANS 121	Intro to Animal Science.....	3
- ANS 122	Intro to Animal Science Operations.....	1
• Winter Quarter		
- AREC 211	Management in Agriculture.....	4
- AG	Any Agriculture Elective	3
• Spring Quarter		
- AREC 221	Marketing in Agriculture	3
- ANS 217	Artificial Insemination	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AREC 210	Farm Business Management	3
- CSS 205	General Soils	3
- ANS 216	Beef Pregnancy Testing	3
- ANS 278	Principles of Animal Breeding	3
• Winter Quarter		
- ANS 211	Applied Animal Nutrition	3
- AG	Any Agriculture Elective.....	3
• Spring Quarter		
- ANS 210	Feed & Ration Formulation	3
- CSS 200	Principles of Crop Science	4
- AG 201	Current Issues in Agriculture	1

ANIMAL SCIENCE

Associate of Science Transfer Degree to University of Idaho

Animal Science

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO UNIVERSITY OF IDAHO

Department: Agriculture
Advising: Sandy Porter (ext. 306)

This degree fulfills the general education block transfer to University of Idaho. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Animal Science at University of Idaho and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at University of Idaho.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (34 CREDITS)

- **Arts and Letters - Choose any three classes:**
 - ART 101 Intro to Art
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - ENG 104, 105, 106 Intro to Literature
 - ENG 253, 254, 255 Survey of American Literature
 - HUMN 148, 149, 150 Intro to Humanities
- **Social Science - Choose four classes from:**
 - Economics
 - History
 - Political Science
 - Psychology
 - Sociology
- **Science - All classes listed are required:**
 - BIOL 211 Biology
 - CHEM 121, 122 General Chemistry

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR ANIMAL SCIENCE EMPHASIS (48 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- ANS 121	Intro to Animal Science	3
- ANS 122	Intro to Animal Science Operations	1
- ANS 216	Beef Pregnancy Testing	3
• Winter Quarter		
- ANS 211	Animal Nutrition	3
- ANS 215	Beef/Dairy Cattle Production	3
- AG 111	Agriculture Computers	3
• Spring Quarter		
- ANS 210	Feeds & Ration Formulation	3
- ANS 217	Artificial Insemination	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 231	Intro to Livestock Evaluation	2
- ANS 220	Intro to Horse Production	3
- ANS 278	Principles of Animal Breeding	3
• Winter Quarter		
- AREC 211	Management in Agriculture	4
- ANS 201	Beef Quality Assurance	2
- ANS 250	Intro to Meat Science	3
- ANS 240	Intro to Ultrasound Technology	2
• Spring Quarter		
- AREC 221	Marketing in Agriculture	3
- AG 201	Current Issues in Agriculture	1
- ANS 224	Purebred Herd Improvement	2

Animal Science

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO OREGON STATE UNIVERSITY

Department: Agriculture
Advising: Sandy Porter (ext. 306)

This degree fulfills many of the general education requirements for transfer to Oregon State University. A minimum of 96 transfer credits and a minimum **grade point average of 2.0** are needed to graduate. Oregon universities require students graduating high school after 1997 to have either two years high school or two terms college second language at entry.

The following courses are recommended for students interested in pursuing a degree in Animal Science at Oregon State University and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at Oregon State University.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (39 CREDITS)

- **Arts and Letters - Choose one class from each of the following two areas:**
 - **Literature and Arts:**
 - ART 101 Intro to Art
 - ENG 104, 105, 106 Intro to Literature
 - ENG 253, 254, 255 Survey of American Literature
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - **Western Culture:**
 - ENG 253, 254, 255 Survey of American Literature
 - HIST 101, 102, 103 History of Western Civilization
 - HIST 201, 202, 203 History of the United States
- **Social Sciences:**
 - **Social Process - All classes listed are required:**
 - ECON 201, 202 Principles of Economics: Micro/Macro
 - **Social Science: Choose one class from this area:**
 - PSYC 201, 202 General Psychology
 - SOC 204, 206 General Sociology
 - **Science/Math/Physical Science - Choose one sequence:**
 - BIOL 101, 102, 103 General Biology or
 - CHEM 121, 122, 123 General Chemistry

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR ANIMAL SCIENCE EMPHASIS (44 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- AG 111	Agriculture Computers	3
- ANS 121	Intro to Animal Science	3
- ANS 231	Intro to Livestock Evaluation	2
- ANS 122	Intro to Animal Science Operations	1
• Winter Quarter		
- ANS 211	Applied Animal Nutrition	3
- ANS 215	Beef/Dairy Cattle Production	3
- ANS 240	Intro to Ultrasound Technology	2
• Spring Quarter		
- ANS 210	Feed & Ration Formulation	3
- AG	Any Agriculture Elective	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 216	Beef Pregnancy Testing	3
- ANS 278	Principles of Animal Breeding	3
• Winter Quarter		
- ANS 250	Intro to Meat Science	3
- ANS 201	Beef Quality Assurance	2
• Spring Quarter		
- ANS 217	Artificial Insemination	3
- CSS 200	Principles of Crop Science	4
- AG 201	Current Issues in Agriculture	1
- ANS 224	Purebred Herd Improvement	2

CROP SCIENCE

Associate of Science Transfer Degree to Oregon State University

Crop Science

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO OREGON STATE UNIVERSITY

Department: Agriculture
Advising: Roger Findley (ext. 307)

This degree fulfills the general education block transfer to Oregon State University. A minimum of 96 transfer credits and a minimum **grade point average of 2.0** are needed to graduate. Oregon universities require students graduating high school after 1997 to have either two years high school or two terms college second language at entry.

The following courses are recommended for students interested in pursuing a degree in Crop Science at Oregon State University and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at Oregon State University.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (36 CREDITS)

- **Arts and Letters - Choose one class from each of the following two areas:**
 - **Literature and Arts:**
 - ART 101 Intro to Art
 - ENG 104,105,106 Intro to Literature
 - ENG 253,254,255 Survey of American Literature
 - MUS 201, 202, 203 Music & Its Literature
 - **Western Culture:**
 - ENG 253,254,255 Survey of American Literature
 - HIST 101,102,103 History of Western Civilization
 - HIST 201,202,203 History of the United States
- **Social Sciences - All classes listed are required:**
 - ECON 201,202 Principles of Economics: Micro/Macro
 - PSYC 201, 202 General Psychology
 - SOC 204, 205 General Sociology
- **Science/Math/Physical Science - Choose one sequence:**
 - BIOL 101, 102, 103 College Biology or
 - CHEM 121,122,123 General Chemistry

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

REQUIRED COURSES FOR CROP SCIENCE EMPHASIS (44 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- AG 111	Agriculture Computers	3
- AG	Any Agriculture Elective	3
• Winter Quarter		
- ANS 211	Applied Animal Nutrition	3
- AREC 211	Management in Agriculture	4
• Spring Quarter		
- CSS 200	Principles of Crop Science	4
- AG	Any Agriculture Elective	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CSS 205	General Soils	3
- AG	Any Agriculture Elective	3
• Winter Quarter		
- CSS 240	Intro to Noxious Weeds	3
- CSS 217	Pesticide Safety and Use	1
- CSS 210	Forage Production	3
- HPE 120	First Aid & CPR	2
• Spring Quarter		
- AG 201	Current Issues in Agriculture	1
- HPE 295	Health & Fitness for Life	3
- AG	Any Agriculture Elective	4

General Agriculture

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO OREGON STATE UNIVERSITY

Department: Agriculture
Advising: Roger Findley (ext. 307)

This degree fulfills the general education block transfer to Oregon State University. A minimum of 96 transfer credits and a minimum **grade point average of 2.0** are needed to graduate. Oregon universities require students graduating high school after 1997 to have either two years high school or two terms college second language at entry.

The following courses are recommended for students interested in pursuing a degree in General Agriculture at Oregon State University and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at Oregon State University.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 105 Contemporary Mathematics

DISTRIBUTION REQUIREMENTS (27 CREDITS)

- **Arts and Letters - Choose one class from each of the following two areas:**
 - **Literature and Arts:**
 - ART 101 Intro to Art
 - ENG 104, 105, 106 Intro to Literature
 - ENG 253, 254, 255 Survey of American Literature
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - **Western Culture:**
 - ENG 253, 254, 255 Survey of American Literature
 - HIST 101, 102, 103 History of Western Civilization
 - HIST 201, 202, 203 History of the United States
- **Social Sciences:**
 - **Social Process - All classes listed are required:**
 - ECON 201, 202 Principles of Economics: Micro/Macro
 - **Social Science: Choose one class from this area:**
 - PSYC 201, 202 General Psychology
 - SOC 204, 206 General Sociology
- **Science/Math/Physical Science - Choose three classes with at least one class from each area:**
 - **Biological Science:**
 - BIOL 101, 102, 103 General Biology
 - **Physical Science:**
 - CHEM 121, 122, 123 General Chemistry
 - GEOL 201, 202 Physical Geology
 - PHYS 201, 202, 203 General Physics

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

COURSES FOR GENERAL AGRICULTURE EMPHASIS (57 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 207	Agriculture Seminar	1
- AG 111	Agriculture Computers	3
- AG	Any Agriculture Electives	6
- ANS 121	Intro to Animal Science.....	3
- ANS 122	Intro to Animal Science Operations.....	1
• Winter Quarter		
- AREC 211	Management in Agriculture	3
- AG	Any Agriculture Electives	6
• Spring Quarter		
- AG	Any Agriculture Electives	9

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG	Any Agriculture Electives	9
• Winter Quarter		
- BA 226	Business Law I	3
- HPE 120	First Aid & CPR	2
- CSS 217	Pesticide Safety and Use	1
- AG	Any Agriculture Elective	2
• Spring Quarter		
- HPE 295	Health & Fitness for Life	3
- AG 201	Current Issues in Agriculture	1
- AG	Any Agriculture Electives	4

GENERAL AGRICULTURE (TEACHER PREP)

Associate of Science Transfer Degree to Oregon State University

General Agriculture (Teacher Prep)

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO OREGON STATE UNIVERSITY

Department: Agriculture
Advising: Roger Findley (ext. 307)

This degree fulfills the general education block transfer to Oregon State University. A minimum of 96 transfer credits and a minimum **grade point average of 2.0** are needed to graduate. Oregon universities require students graduating high school after 1997 to have either two years high school or two terms college second language at entry.

The following courses are recommended for students interested in pursuing a degree in General Agriculture (Teacher Prep) at Oregon State University and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at Oregon State University.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS):

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech **or**
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 105 Contemporary Mathematics

DISTRIBUTION REQUIREMENTS (27 CREDITS)

- **Arts and Letters - Choose one class from each of the following two areas:**
 - **Literature and Arts:**
 - ART 101 Intro to Art
 - ENG 104, 105, 106 Intro to Literature
 - ENG 253, 254, 255 Survey of American Literature
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - **Western Culture:**
 - ENG 253, 254, 255 Survey of American Literature
 - HIST 101, 102, 103 History of Western Civilization
 - HIST 201, 202, 203 History of the United States
- **Social Sciences:**
 - **Social Process - All classes listed are required:**
 - ECON 201, 202 Principles of Economics: Micro/Macro
 - **Social Science: Choose one class from this area:**
 - PSYC 201, 202 General Psychology
 - SOC 204, 206 General Sociology
- **Science/Math/Physical Science - Choose three classes with at least one class from each area:**
 - **Biological Science:**
 - BIOL 101, 102, 103 General Biology

- **Physical Science:**
 - CHEM 121, 122, 123 General Chemistry
 - GEOL 201, 202 Physical Geology
 - PHYS 201, 202, 203 General Physics

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR GENERAL AGRICULTURE-TEACHER PREP EMPHASIS (56 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 111	Agriculture Computers	3
- AG 207	Agriculture Seminar	1
- ANS 216	Beef Pregnancy Testing	3
- ANS 121	Intro to Animal Science.....	3
- ANS 122	Intro to Animal Science Operations.....	1
• Winter Quarter		
- ANS 211	Applied Animal Nutrition	3
- AREC 211	Management in Agriculture	4
- AG	Any Agriculture Elective	3
• Spring Quarter		
- AREC 221	Marketing in Agriculture	3
- AG	Any Agriculture Electives	6

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 200	Livestock Skills	3
- CSS 205	General Soils	3
- AG	Any Agriculture Elective	3
• Winter Quarter		
- AG 212	Engine Theory Operations	3
- BA 226	Business Law I	3
- AET 211	Engineering Problems.....	3
• Spring Quarter		
- CSS 200	Principles of Crop Science	4
- AG 221	Metals and Welding	3
- AG 201	Current Issues in Agriculture	1

Ranch Animal Technician CAREER PATHWAY CERTIFICATE

Department: Agriculture
Advising: Sandy Porter (ext. 306)

This career pathway certificate prepares students for entry level work as a customer service/sales representative or general ranch worker with focus on the animal science and ranching industry.

All courses in this certificate may be applied to the Ranch Management Associate of Applied Science Degree. A minimum **grade point average of 2.0** is needed to obtain the certificate.

DUAL CREDIT (2+2)

Students will receive credit for agriculture classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

LEARNING OUTCOMES

Students who complete the certificate will be prepared to:

- Demonstrate proper use of ten common pieces of livestock handling/care equipment.
- Keep and analyze record keeping system to make sound management decisions.
- Identify and use five successful marketing systems for farm and ranch products.
- Identify and implement livestock breeding program using genetic improvement principles, artificial insemination, and pregnancy testing.
- Develop a feeding program for specific species of livestock satisfying nutrition requirements for appropriate growth phase.

REQUIRED COURSES FOR RANCH ANIMAL TECHNICIAN (24 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 121	Intro to Animal Science.....	3
- ANS 122	Intro to Animal Science Operations.....	1
- ANS 216	Beef Pregnancy Testing	3
• Winter Quarter		
- ANS 201	Beef Quality Assurance	2
- ANS 211	Applied Animal Nutrition	3
- ANS 215	Beef/Dairy Cattle Production	3
- AG 111	Agriculture Computers	3
• Spring Quarter		
- ANS 210	Feed and Ration Formulation	3
- ANS 217	Artificial Insemination	3

Total Number of Credits in Certificate24

RANCH MANAGEMENT

Associate of Applied Science Degree

Ranch Management

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Agriculture
Advising: Sandy Porter (ext. 306)

PROGRAM OVERVIEW

This program prepares students for a wide variety of careers in Ranch Management, including manager of a small ranch, ranch hand, feedlot operator, brand inspector, and artificial inseminator. The program combines theory with practical skills needed for daily cattle operations. Students will learn the foundations of farm business and animal science as well as have hands-on experience working with ranch livestock.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution. A minimum of 90 credits and a minimum grade point average of 2.0 are needed to graduate.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, AG 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for agriculture classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

LEARNING OUTCOMES

Students who complete the two-year Associate of Applied Science degree program will be prepared to:

- Demonstrate proper use of ten common pieces of livestock handling/care equipment.
- Keep and analyze record keeping system to make sound management decisions.
- Identify and use five successful marketing systems for farm and ranch products.
- Identify and implement livestock breeding program using genetic improvement principles, artificial insemination, and pregnancy testing.
- Develop a feeding program for specific species of livestock satisfying nutrition requirements for appropriate growth phase.
- Select and implement an appropriate record keeping system that satisfies state and federal requirements.
- Develop and implement ranch or farm conservation plan based on soil series, grazing management and irrigation methods.

RELATED EDUCATION REQUIREMENTS (10 credits)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Technical Writing
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (4 credits)**
 - PSYCH 101 Psychology of Human Relationships
 - INED 156 Employment Strategies

ELECTIVES (9 CREDITS)

Students should meet with their advisor for a list of suggested electives.

REQUIRED COURSES FOR RANCH MANAGEMENT (71 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 231	Intro to Livestock Evaluation	2
- ANS 200	Livestock Skills	3
- AET 221	Shop Skills	3
- AG 207	Agriculture Seminar	1
- ANS 121	Intro to Animal Science	3
- ANS 122	Intro to Animal Science Operations	1
- ANS 216	Beef Pregnancy Testing	3
• Winter Quarter		
- ANS 211	Applied Animal Nutrition	3
- ANS 215	Beef/Dairy Cattle Production	3
- AG 111	Agriculture Computers	3
- ANS 240	Intro to Ultrasound Technology	2
- HPE 120	First Aid & CPR	2
• Spring Quarter		
- ANS 210	Feed and Ration Formulation	3
- ANS 217	Artificial Insemination	3
- AREC 221	Marketing in Agriculture	3
- AG 280	Work Experience	1

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AREC 210	Farm Business Management	3
- ANS 278	Principles of Animal Breeding	3
- CSS 205	General Soils	3
- AG 280	Work Experience	1
• Winter Quarter		
- ANS 250	Intro to Meat Science	3
- ANS 201	Beef Quality Assurance	2
- AREC 211	Management in Agriculture	4
- CSS 210	Forage Production	3
- CSS 240	Intro to Noxious Weeds	3
• Spring Quarter		
- AG 201	Current Issues in Agriculture	1
- AREC 201	Agriculture Accounting	3
- AG 280	Work Experience	1
- ANS 224	Purebred Herd Improvement	2

Total Number of Credits in Degree90

Soil Science

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO OREGON STATE UNIVERSITY

Department: Agriculture
Advising: Roger Findley (ext. 307)

This degree fulfills the general education block transfer to Oregon State University. A minimum of 96 transfer credits and a minimum **grade point average of 2.0** are needed to graduate. Oregon universities require students graduating high school after 1997 to have either two years high school or two terms college second language at entry.

The following courses are recommended for students interested in pursuing a degree in Soil Science at Oregon State University and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at Oregon State University.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (39 CREDITS)

- **Arts and Letters/Social Sciences - Choose one class from each area and two additional classes from different areas for a total of five classes:**
 - **Literature and Arts:**
 - ART 101 Introduction to Visual Arts
 - ENG 104, 105, 106 Intro to Literature
 - ENG 253, 254, 255 Survey of American Literature
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - **Western Culture:**
 - ENG 253, 254, 255 Survey of American Literature
 - HIST 101, 102, 103 History of Western Civilization
 - HIST 201, 202, 203 History of the United States
 - **Social Processes:**
 - ECON 201, 202 Principles of Economics: Micro/Macro
 - PSYC 201, 202 General Psychology
 - SOC 204, 205 General Sociology
- **Science/Math/Computer Science - All classes listed are required:**
 - BIOL 101, 102, 103 General Biology
 - CHEM 121, 122, 123 General Chemistry

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR SOIL SCIENCE EMPHASIS (44 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG 111	Agriculture Computers	3
- AG 207	Agriculture Seminar	1
- CSS 205	General Soils	3
• Winter Quarter		
- CSS 210	Forage Production	3
- AG	Any Agriculture Elective	3
• Spring Quarter		
- CSS 200	Principles of Crop Science	4
- AG	Any Agriculture Elective	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- AG	Any Agriculture Electives	6
- NATR 241	Intro to Range Management.....	4
• Winter Quarter		
- CSS 217	Pesticide Safety and Use	1
- ANS 211	Applied Animal Nutrition	3
- AG	Any Agriculture Elective	3
• Spring Quarter		
- AG 201	Current Issues in Agriculture	1
- AG	Any Agriculture Electives	6

PRE-ARCHITECTURE

Recommended First Year College Transfer Coursework

Pre-Architecture Emphasis

RECOMMENDED FIRST YEAR

COLLEGE TRANSFER COURSEWORK

Department: Fine and Performing Arts

Department Chair: Robin Jackson (ext. 270)

Advising: Robin Jackson (ext. 270)

The following courses are recommended for students interested in pursuing an Architecture degree at a four-year college or university. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** to identify and contact an advisor at their chosen transfer institution. Computer aided design and drafting courses may also be helpful for the architecture student.

The architecture major requires specialized courses. Students wishing to pursue a degree in architecture should plan on transferring after their freshman year to a four-year institution that has an architecture program.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

RECOMMENDED COURSES FOR PRE-ARCHITECTURE EMPHASIS

The following courses may be used to complete some distribution requirements.

- ART 115 Basic Design
- ART 131, 132, 133 Beginning and Intermediate. Drawing
- HIST 101, 102, 103 History of Western Civilization
- MATH 112 Elementary Functions
- MATH 113 Analytic Geometry/Pre-Calculus
- PHYS 201, 202 General Physics

Students who are calculus-ready are encouraged to take MATH 251, 252, and 253 and calculus-based physics.

Art Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Fine and Performing Arts

Department Chair: Robin Jackson (ext. 270)

Advising: Robin Jackson (ext. 270); Ted Fink (ext. 341)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Art at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- Writing Skills (6 credits)
 - WR 121, 122 English Composition
- Oral Communications (3 credits)
 - SP 111 Fundamentals of Speech **or**
 - SP 219 Small Group Discussion
- Mathematics (4 credits)
 - MATH 105 Contemporary Mathematics **or**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some of the recommended Art emphasis courses fulfill a portion of the distribution requirements.

RECOMMENDED ELECTIVE FOR ART (3 CREDITS)

- ART 199 Special Studies, selected topics in Ceramics, Photography, Drawing, or Design.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR ART EMPHASIS

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- ART 115 *	Basic Design	3
- ART 116*	Basic Design	3
- ART 117*	Basic Design	3
- ART 101*	Intro to Art	3
- ART 131*	Beginning Drawing	3
- ART 132*	Intermediate Drawing	3
- ART 133*	Advanced Drawing	3
- ART 261*	Beginning Photography.....	3
- ART 265*	Beginning Digital Photography	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- ART 199	Special Studies	3
- ART 204*	History of Western Art /Ancient	3
- ART 205*	History of Western Art /Renaissance.....	3
- ART 206*	History of Western Art /Modern	3
- ART 253*	Ceramics I	3
- ART 254*	Ceramics II	3
- ART 255*	Ceramics III	3
- ART 256*	Ceramics IV (Raku).....	3
- ART 262*	Inter. Photography	3
- ART 266*	Inter. Digital Photography	3

* Indicates course is on the distribution list . See page 31 for guidelines.

Biological Science Emphasis

**BIOLOGY, BOTANY, ZOOLOGY,
OR MICROBIOLOGY EMPHASIS**
ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science

Department Chair: Dr. Marie Strunk (ext. 347)

Advising: Dr. Marie Strunk (ext. 347); Kerby Winters (ext. 369); Arwyn Larson (ext. 213); Cindy Feibert (ext. 556)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Biology, Botany, Zoology or Microbiology at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Sciences, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some of the recommended Biology emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR BIOLOGY, BOTANY, ZOOLOGY, MICROBIOLOGY EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 211*	Biology.....	5
- CHEM 221*	College Chemistry.....	5
- MATH 111	College Algebra.....	4
• Winter Quarter		
- BIOL 212*	Biology.....	5
- CHEM 222*	College Chemistry.....	5
- MATH 112*	Elementary Functions.....	4
• Spring Quarter		
- BIOL 213*	Biology.....	5
- CHEM 223*	College Chemistry.....	5
- MATH 113*	Pre-Calculus.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 251*	Calculus I.....	5
- PHYS 201*	General Physics.....	4
• Winter Quarter		
- BIOL 234*	Microbiology.....	4
- PHYS 202*	General Physics.....	4
- MATH 252*	Calculus II.....	5
• Spring Quarter		
- PHYS 203*	General Physics.....	4
- MATH 253*	Calculus III.....	5

* Indicates course is on the distribution list. See page 31 for guidelines.

Business Administration At A Glance

Students interested in careers in business, management, or accounting can pursue several different educational options, depending on the student's career goals. Students may see a business administration program advisor for assistance in determining the option that best meets the student's needs.

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)

ASSOCIATE OF APPLIED SCIENCE DEGREES AND CERTIFICATES

Students wishing to directly enter the workforce after their educational experience at TVCC should consider either a two year Associate of Applied Science Degree or a one year certificate program. These options are not designed to transfer to four year institution, although some individual courses are transferable. Students wishing to transfer coursework should work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.

ASSOCIATE OF APPLIED SCIENCE DEGREE

Business Management

CERTIFICATES

Applied Accounting Specialist

(All courses apply to the Business Management Accounting Option Associate of Applied Science Degree)

Retail Management

(All courses apply to the Business Management Associate of Applied Science Degree)

TRANSFER DEGREES

ASSOCIATE OF SCIENCE DEGREE

The Associate of Science Degree is a block-transfer intended to prepare students for transfer to a baccalaureate business program at an institution in the Oregon University System. On completion students will have met all general education requirements and will have completed core lower-division business courses. The degree guarantees junior standing for registration purposes, but it does not guarantee admittance to a business/school/ program major. Students who transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.

ASSOCIATE OF ARTS OREGON TRANSFER DEGREE

Students interested in pursuing an Associate of Arts degree in Business Administration or Accounting at a four-year college or university are encouraged to complete the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Upon completion students will have met all lower-division general education requirements and have completed core lower-division business courses at public universities in Oregon and Idaho. The degree guarantees junior standing for registration purposes, but it does not guarantee admission to the business school/program major. Students who wish to transfer are encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.

ASSOCIATE OF ARTS OREGON TRANSFER DEGREES

Business Administration

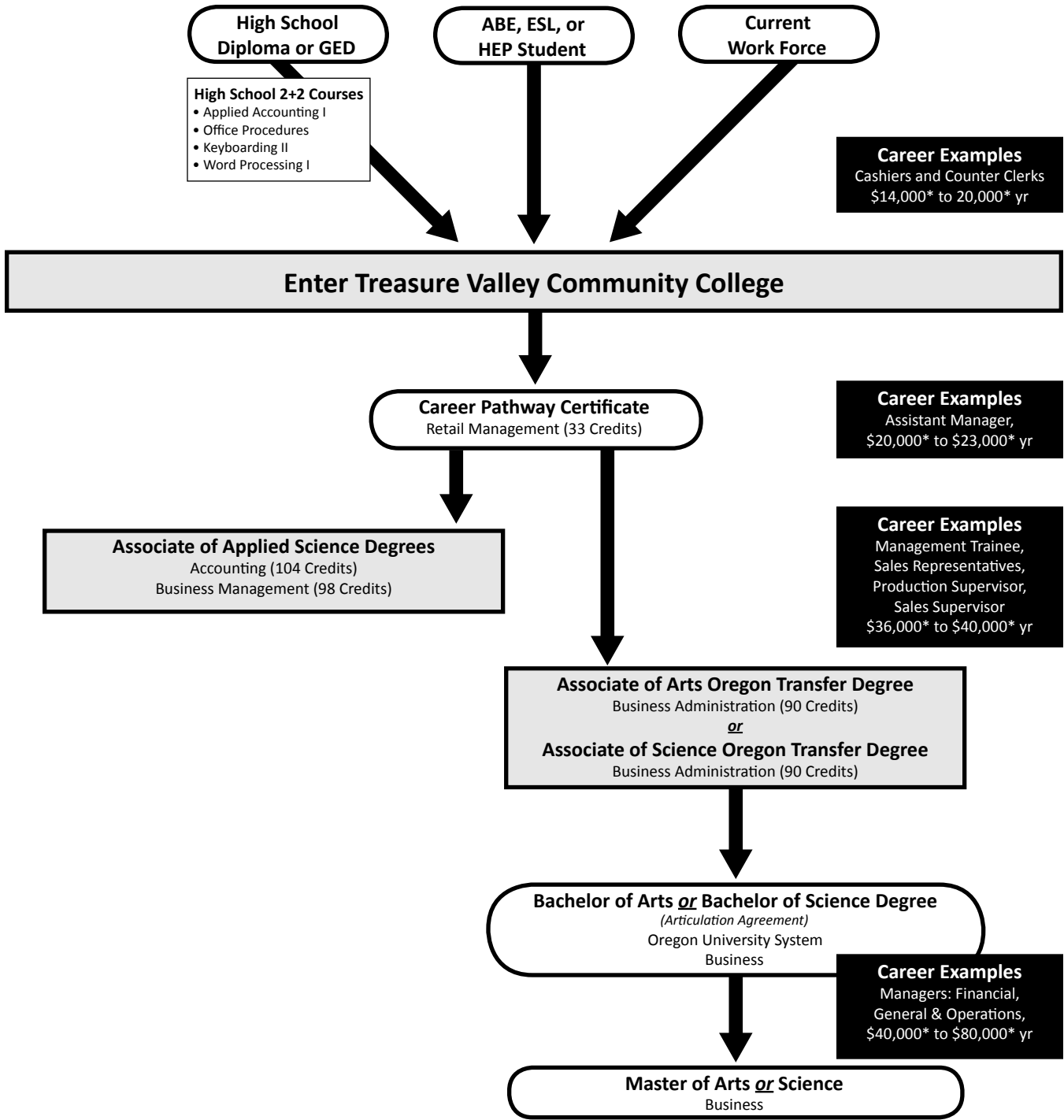
Business Administration Accounting Emphasis

Business Pathway Options

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

APPLIED ACCOUNTING SPECIALIST

Certificate of Completion

Applied Accounting Specialist CERTIFICATE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)

The Applied Accounting Specialist certificate prepares students for a variety of entry-level positions in the accounting field. All courses in this certificate may be applied to the Business Management-Accounting Option Associate of Applied Science degree. A minimum **grade point average of 2.0** is required to obtain the certificate.

DUAL CREDIT (2+2)

Students will receive credit for business classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

LEARNING OUTCOMES

Students who complete certificate will be prepared to:

- Compose grammatically correct, well-organized written and oral business presentations.
- Apply appropriate mathematical skills for business problem solving.
- Utilize applied technology to support business functions.
- Listen to and accurately assess responses of customers and coworkers within diverse cultural contexts.
- Apply ethical and legal laws and regulations in solving business problems.

RELATED EDUCATION REQUIREMENTS (16 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (9 credits)**
 - WR 121 English Composition
 - BA 214 Business Communications
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Computation Skills (4 credits)**
 - BA 104 Business Math
- **Human Relations Skills (3 credit)**
 - BA 204 Teamwork Dynamics

REQUIRED COURSES FOR APPLIED ACCOUNTING SPECIALIST CERTIFICATE (42 CREDITS*)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 131	Intro to Business Computing	4
- BA 200	Applied Accounting I <u>or</u>	
- BA 211	Principles of Accounting I	4
- BA 104	Business Math	4
- BA 215	Cost Accounting	3
- BA 204	Teamwork Dynamics.....	3
• Winter Quarter		
- CS 125 SS	Spreadsheet Applications	4
- BA 201	Applied Accounting II <u>or</u>	
- BA 212	Principles of Accounting II	4
- BA 256	Income Tax Procedures	3
- BA 228	Computer-Assisted Accounting.....	3
• Spring Quarter		
- BA 214	Business Communications	3
- BA 202	Applied Accounting III <u>or</u>	
- BA 213	Principles of Accounting III	4
- BA 240	Fund Accounting	3
- OA 201	Word Processing I	3
• Summer Quarter		
- BA 230	Payroll Accounting	3
- BA 236	Computer Accounting II	3

* Does not include Related Education Requirements BA 104, 204, and 214

Total Number of Credits in Certificate58

BUSINESS ADMINISTRATION

Associate of Science Transfer Degree

Business Administration

ASSOCIATE OF SCIENCE TRANSFER DEGREE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)

This is a statewide block-transfer degree intended to prepare students for transfer into a baccalaureate business program at an Oregon University System (OUS) institution. On completion, students will have met all lower-division general education requirements and will have completed core lower-division business courses. The degree guarantees junior standing for registration purposes, but it does not guarantee admission to a business school/program at an OUS campus. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

Oregon universities require students seeking an Associate of Science degree have the equivalent of one year of college-level work in mathematics and each course must be passed with a P (pass) or a C- or better.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses. Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech **or**
 - SP 112 Persuasive Speech **or**
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (36 CREDITS)

Students are referred to page 32 for a list of courses and guidelines that fulfill distribution requirements.

- **Arts and Letters (12 credits)**
 - Choose four classes from at least two disciplines.
- **Social Science (12 credits)**
 - ECON 201*, 202*, 203* Principles of Economics
- **Science/Math/Computer Science (12 credits)**
 - Biological or Physical Science with labs

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

AS/OT REQUIREMENTS FOR SPECIFIC COLLEGES

Each OUS school has different requirements for their Business program. Students are **strongly advised to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution early in their program.

REQUIRED COURSES FOR BUSINESS ADMINISTRATION

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 101*	Intro to Business	4
- BA 131	Intro to Business Computing	4
- MATH 111	College Algebra	4
• Winter Quarter		
- BA 214	Business Communications	3
- BA 226*	Business Law I	3
- MATH 243	Probability and Statistics.....	4
• Spring Quarter		
- BA 227	Business Law II.....	3
- CS 125 SS	Spreadsheet Applications	4
- MATH 244	Probability and Statistics.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 211*	Principles of Accounting I	4
• Winter Quarter		
- BA 212*	Principles of Accounting II	4
• Spring Quarter		
- BA 213*	Principles of Accounting III	4

*BA 101, 211, 212, 213, 226 and ECON 201, 202, 203 must be completed with a "C" grade or better.

Business Administration Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Business Administration at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

Oregon universities require students seeking an Associate of Arts degree to have either two years high school or two terms college second language.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Business Administration and Accounting emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

ELECTIVES (TO TOTAL 90 CREDITS)

Note: Courses used to fulfill foundation skills requirements may not be used as electives.

RECOMMENDED COURSES FOR BUSINESS ADMINISTRATION EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 101*	Intro to Business	4
- BA 131	Intro to Business Computing	4
- MATH 111	College Algebra	4
• Winter Quarter		
- BA 214	Business Communications	3
- BA 226*	Business Law I	3
- MATH 243	Intro to Probability and Statistics	4
• Spring Quarter		
- BA 227	Business Law II	3
- CS 125 SS	Spreadsheet Applications	4
- MATH 244	Intro to Probability and Statistics	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 211*	Principles of Accounting I	4
- ECON 201	Principles of Economics: Micro.	3
• Winter Quarter		
- BA 212*	Principles of Accounting II	4
- ECON 202	Principles of Economics: Macro.	3
• Spring Quarter		
- BA 213*	Principles of Accounting III	4
- ECON 203	Principles of Economics: Economics Issues	3

* BA 101, 211, 212, 213, 226 must be completed with a grade of "C" or better.

BUSINESS ADMINISTRATION ACCOUNTING EMPHASIS

Associate of Arts Transfer Degree

Business Administration

Accounting Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Business Administration or Accounting at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

Oregon universities require students seeking an Associate of Arts degree to have either two years high school or two terms college second language.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Business Administration and Accounting emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

ELECTIVES (TO TOTAL 90 CREDITS)

Note: Courses used to fulfill foundation skills requirements may not be used as electives.

RECOMMENDED COURSES FOR BUSINESS ADMINISTRATION ACCOUNTING EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 101*	Intro to Business	4
- BA 131	Intro to Business Computing	4
- MATH 111	College Algebra	4
• Winter Quarter		
- BA 214	Business Communications	3
- BA 226*	Business Law I	3
- MATH 243	Intro to Probability and Statistics	4
• Spring Quarter		
- BA 227	Business Law II	3
- CS 125 SS	Spreadsheet Applications	4
- MATH 244	Intro to Probability and Statistics	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 211*	Principles of Accounting I	4
- ECON 201	Principles of Economics: Micro.	3
• Winter Quarter		
- BA 212*	Principles of Accounting II	4
- ECON 202	Principles of Economics: Macro.	3
• Spring Quarter		
- BA 213*	Principles of Accounting III	4
- ECON 203	Principles of Economics: Economics Issues	3

*BA 101, 211, 212, 213, 226 must be completed with a grade of "C" or better.

Business Management

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)

PROGRAM OVERVIEW

This degree prepares students for a wide variety of careers in business management. Entry level positions include management trainee, customer service, retail/wholesale/manufacturing sales representative, and positions in general business.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution. A minimum of **90 credits** and a minimum **grade point average of 2.0** are needed to graduate with a degree.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, BA 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for business classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

LEARNING OUTCOMES

Students who complete the Associate of Applied Science degree program will be prepared to:

- Compose grammatically correct, well-organized written and oral business presentations.
- Apply appropriate mathematical skills for business problem solving.
- Analyze business information presented in a variety of formats such as tables, lists, and figures.
- Listen to and accurately assess responses of customers and coworkers within diverse cultural contexts.
- Utilize applied technology to support business functions.
- Use critical and creative thinking skills to solve business problems.
- Apply ethical and legal business laws and regulations in solving business problems.
- Appraise differences among global economic systems.

RELATED EDUCATION REQUIREMENTS (16 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (9 credits)**
 - WR 121 English Composition

- BA 214 Business Communications
- SP 111 Fundamentals of Speech or
- SP 219 Small Group Discussion
- **Computation Skills (4 credits)**
 - BA 104 Business Math
- **Human Relations Skills (3 credit)**
 - BA 204 Teamwork Dynamics

ELECTIVES (5 CREDITS)

Students should meet with their advisor for a list of suggested electives.

REQUIRED COURSES FOR BUSINESS MANAGEMENT (69 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 101	Intro to Business	4
- BA 131	Intro to Business Computing	4
- BA 200	Applied Accounting I <u>or</u>	
- BA 211	Principles of Accounting I	4
- BA 104	Business Math	4
• Winter Quarter		
- BA 223	Principles of Marketing.....	3
- CS 125 SS	Spreadsheet Applications	4
- BA 201	Applied Accounting II <u>or</u>	
- BA 212	Principles of Accounting II	4
- BA 255	Personnel Supervision	3
• Spring Quarter		
- BA 206	Principles of Management.....	3
- BA 214	Business Communications	3
- BA 202	Applied Accounting III <u>or</u>	
- BA 213	Principles of Accounting III	4
- BA 203	International Business	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 204	Teamwork Dynamics	3
- BA 153	Critical/Creative Thinking	3
- BA 249	Retail Management	3
- ECON 201	Principles of Economics/Micro <u>or</u>	
- ECON 202	Principles of Economics/Macro	3
• Winter Quarter		
- BA 226	Business Law I	3
- BA 280	Cooperative Work Experience	2
- OA 201	Word Processing I	3
- CS 125 A	Database Applications	4
- BA 239	Principles of Advertising	3
• Spring Quarter		
- BA 227	Business Law II	3
- BA 250	Small Business Management.....	3
- BA 243	Consumer Behavior	3

Total Number of Credits in Degree90

BUSINESS MANAGEMENT ACCOUNTING OPTION

Associate of Applied Science Degree

Business Management Accounting Option

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)

PROGRAM OVERVIEW

This program prepares students for a variety of careers in accounting. Successful graduates of this program may secure entry level positions as bookkeepers or accounting clerks in payroll or accounts payable and accounts receivable.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution. A minimum of 90 credits and a minimum grade point average of 2.0 are needed to graduate with a degree.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, BA 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for business classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

LEARNING OUTCOMES

Students who complete the Business Management Accounting Option Associate of Applied Science degree program will be prepared to:

- Compose grammatically correct, well-organized written and oral business presentations.
- Apply appropriate mathematical skills for business problem solving.
- Analyze business information presented in a variety of formats such as tables, lists, and figures.
- Listen to and accurately assess responses of customers and coworkers within diverse cultural contexts.
- Utilize applied technology to support business functions.
- Use critical and creative thinking skills to solve business problems.
- Apply ethical and legal business laws and regulations in solving business problems.
- Appraise differences among global economic systems.

RELATED EDUCATION REQUIREMENTS (16 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (9 credits)**
 - WR 121 English Composition
 - BA 214 Business Communications
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Computation Skills (4 credits)**
 - BA 104 Business Math
- **Human Relations Skills (3 credit)**
 - BA 204 Teamwork Dynamics

ACCOUNTING ELECTIVES (6 CREDITS)

- BA 230 Payroll Accounting 3
- BA 236 Computer Assisted Accounting II 3

REQUIRED COURSES FOR BUSINESS MANAGEMENT ACCOUNTING OPTION (72 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 101	Intro to Business	4
- BA 131	Intro to Business Computing	4
- BA 200	Applied Accounting I <u>or</u>	
- BA 211	Principles of Accounting I	4
• Winter Quarter		
- BA 223	Principles of Marketing.....	3
- CS 125 SS	Spreadsheet Applications	4
- BA 201	Applied Accounting II <u>or</u>	
- BA 212	Principles of Accounting II	4
- BA 256	Income Tax Procedures	3
• Spring Quarter		
- BA 202	Applied Accounting III <u>or</u>	
- BA 213	Principles of Accounting III	4
- BA 228	Computer-Assisted Accounting.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 153	Critical/Creative Thinking	3
- BA 215	Cost Accounting	3
- OA 201	Word Processing I	3
- ECON 201	Principles of Economics/Micro <u>or</u>	
- ECON 202	Principles of Economics/Macro	3
• Winter Quarter		
- BA 226	Business Law I	3
- BA 203	International Business	3
- BA 280	Cooperative Work Experience	2
- CS 125A	Database Applications	4
- BA 255	Personnel Supervision	3
• Spring Quarter		
- BA 227	Business Law II	3
- BA 206	Principles of Management	3
- BA 250	Small Business Management	3
- BA 240	Fund Accounting	3

Total Number of Credits in Degree94

Retail Management CAREER PATHWAY CERTIFICATE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dr. Wes Tucker (ext. 224); Kent Banner (ext. 229)

The Retail Management certificate prepares students for leadership responsibilities in a retail organization. Students may own and/or operate small retail firms or work for larger retail firms. Duties may include marketing, managing finances, supervising employees, purchasing goods and services, and monitoring sales transactions.

The Retail Management Certificate is endorsed by the Western Association of Food Chains (WAFC) .

All courses in this certificate may be applied to the Business Management Associate of Applied Science degree. A minimum **grade point average of 2.0** is required to obtain the certificate.

LEARNING OUTCOMES

Students who complete the less-than-one-year certificate will be prepared to:

- Demonstrate effective oral and written skills appropriate in retail management environment.
- Utilize critical thinking skills to solve retail business problems
- Perform essential retail sales computations, using appropriate technology and applications.
- Demonstrate the ability to assess and develop business strategies in response to consumer needs and market changes.

REQUIRED COURSES FOR THE RETAIL MANAGEMENT CERTIFICATE OF COMPLETION (33 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence. (All courses are offered Online.)

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 249	Retail Management	3
- BA 104	Business Math	4
- BA 206	Principles of Management.....	3
• Winter Quarter		
- BA 223	Principles of Marketing.....	3
- BA 255	Personnel Supervision	3
- BA 131	Intro to Business Computing	4
- BA 211	Principles of Accounting I OR	
- BA 200	Applied Accounting I.....	4
• Spring Quarter		
- BA 214	Business Communications	3
- BA 204	Teamwork Dynamics.....	3
- SP 111	Fundamentals of Speech	3

Total Number of Credits in Certificate33

Chemistry Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science

Department Chair: Dr. Marie Strunk (ext. 347)

Advising: Dr. Marie Strunk (ext 347); Rick Reynolds (ext. 323)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Chemistry at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Chemistry emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR CHEMISTRY EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CHEM 221*	College Chemistry	5
- MATH 111	College Algebra	4
- BIOL 211*	Biology	5
• Winter Quarter		
- CHEM 222*	College Chemistry	5
- MATH 112*	Elementary Functions	4
• Spring Quarter		
- CHEM 223*	College Chemistry	5
- MATH 113*	Pre-Calculus	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 251*	Calculus I.....	5
- PHYS 211*	Classical Physics I	5
• Winter Quarter		
- MATH 252*	Calculus II.....	5
- PHYS 212*	Classical Physics II	5
• Spring Quarter		
- MATH 253*	Calculus III.....	5
- PHYS 213*	Classical Physics III	5

* Indicates course is on the distribution list. See page 31 for guidelines.

Pre-Chiropractic Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science

Department Chair: Dr. Marie Strunk (ext. 347)

Advising: Dr. Marie Strunk (ext. 347); Kerby Winters (ext. 369);
Arwyn Larson (ext. 213)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a Chiropractic degree at a four-year college or university and include all requirements for the Associate of Arts (AOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Pre-Chiropractic emphasis course fulfill a portion of the distribution requirements.

RECOMMENDED DISTRIBUTION LIST ELECTIVES FOR PRE-CHIROPRACTIC (9 CREDITS)

- PSYC 201, 202, 203 General Psychology

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR PRE-CHIROPRACTIC EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 211*	Biology	5
- CHEM 221*	College Chemistry	5
- MATH 111	College Algebra	4
• Winter Quarter		
- BIOL 212*	Biology	5
- CHEM 222*	College Chemistry	5
- MATH 112*	Elementary Functions	4
• Spring Quarter		
- BIOL 213*	Biology	5
- CHEM 223*	College Chemistry	5
- FNUT 225*	Nutrition	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CHEM 227	Organic Chemistry	5
- PHYS 201*	General Physics I	4
• Winter Quarter		
- CHEM 228	Organic Chemistry	5
- PHYS 202*	General Physics II	4
• Spring Quarter		
- CHEM 229	Organic Chemistry	5
- PHYS 203*	General Physics III	4

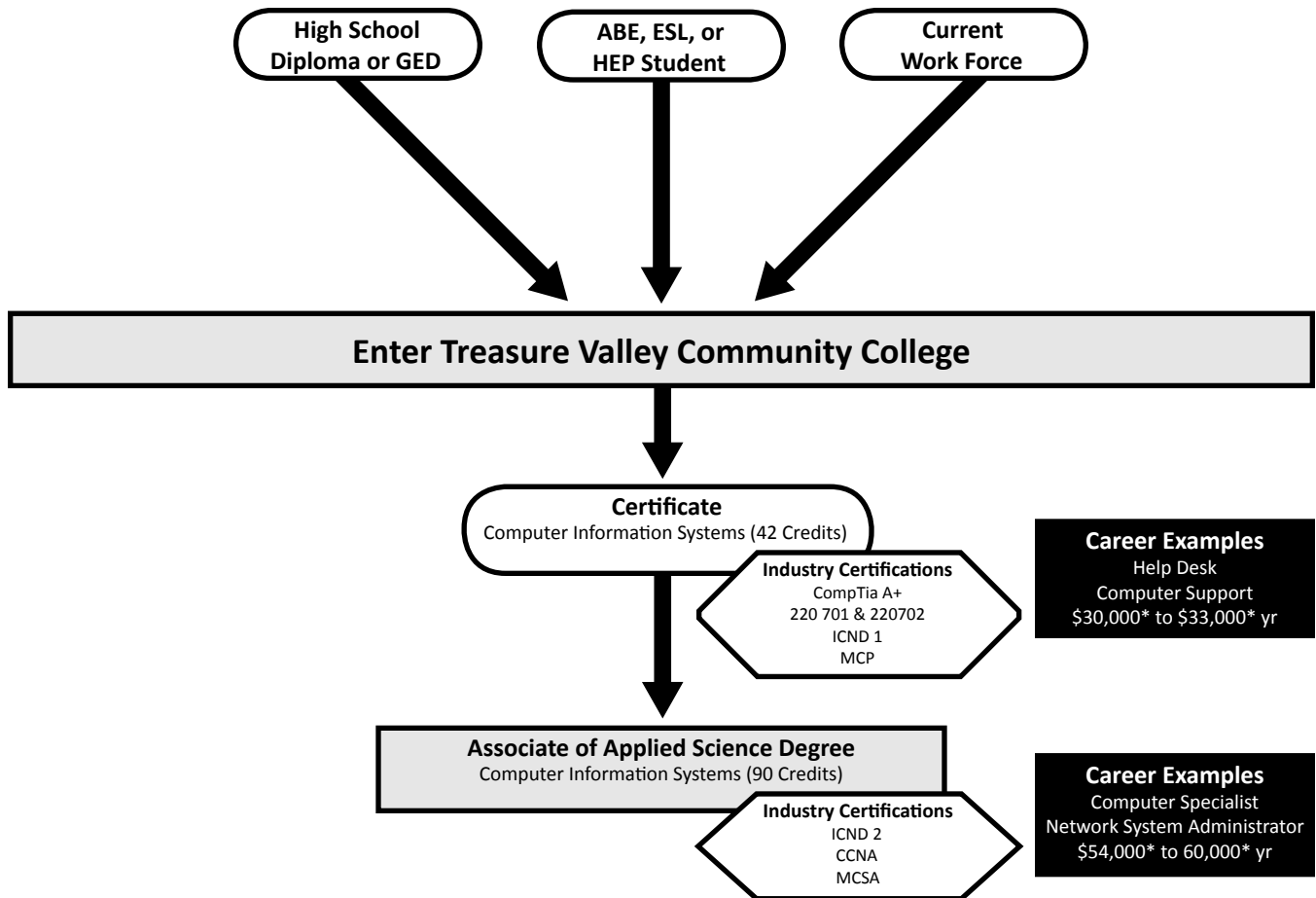
* Indicates course is on the distribution list. See page 31 for guidelines.

Computer Information Systems Career Pathway Options

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dustin Mason (ext. 231)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

Computer Information Systems CERTIFICATE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dustin Mason (ext. 231)

The Computer Information Systems certificate prepares students for a variety of entry-level positions in the computer field including call center technician or desktop technician. The program combines hands-on learning and campus labs and dynamic web-based instruction. Students completing the certificate are prepared to sit for the COMP TIA A+ certification exam.

All courses in this certificate may be transferred into the Computer Information Systems Associate of Applied Science degree. A minimum **grade point average of 2.0** is required to obtain the certificate.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, CIS 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

LEARNING OUTCOMES

Students who complete the certificate will be prepared to:

- Demonstrate the ability to analyze an existing network configuration and implement a new configuration to improve network performance.
- Interact professionally with end users, including assessing and prioritizing end user requests, writing clear, succinct directions for end user training, and writing end user documentation.
- As a technician, demonstrate the ability to work effectively in a team environment.
- Pass CompTia A+ industry standardized test
- Pass ICND1 Cisco industry standardized test #640-280.
- Pass MCDST Microsoft industry standardized test #70-271.

RELATED EDUCATION REQUIREMENTS (12 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communication
- **Computation Skills (5 credits)**
 - MATH 95 (or above) Intermediate Algebra
- **Human Relations Skills (4 credits)**
 - BA 204 Teamwork Dynamics
 - INED 156 Employment Strategies

REQUIRED COURSES FOR COMPUTER INFORMATION SYSTEMS CERTIFICATE (30 CREDITS*)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CS 120	Computer Concepts.....	4
- CIS 140	Introduction to Operating Systems.....	4
- CIS 110	Information Technology Essentials	3
- BA 204	Teamwork Dynamics.....	3
• Winter Quarter		
- CIS 101	Networking I: Home/Small Office.....	4
- CIS 195	Website Fundamentals	4
- CIS 111	Information Technology Essentials II	3
• Spring Quarter		
- CIS 225	End User Support.....	3
- CIS 102	Networking 2: Small/Medium Business.....	4
- CIS 280	Work Experience.....	1

* Does not include Related Education Requirement BA 204

Total Number of Credits in Certificate42

COMPUTER INFORMATION SYSTEMS

Associate of Applied Science Degree

Computer Information Systems

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Dustin Mason (ext. 231)

PROGRAM OVERVIEW

This program prepares students for work in a variety of computer related careers as desktop administrator, network analyst, network administrator, network engineer, WAN administrator, Server administrator, or SQL support specialist. TVCC is a registered academy for VMware, Cisco, and Microsoft, the leading technologies in the world of Information Systems. The program combines hands-on learning and campus labs and dynamic web-based instruction.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer course-work are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A minimum of **90 credits** and a minimum **grade point average of 2.0** are needed to graduate.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, CIS 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

LEARNING OUTCOMES

Students who complete the degree will be prepared to:

- Demonstrate the ability to analyze an existing network configuration and implement a new configuration to improve network performance.
- Interact professionally with end users, including assessing and prioritizing end user requests, writing clear, succinct directions for end user training, and writing end user documentation.
- As a technician, demonstrate the ability to work effectively in a team environment.
- Pass ICNDI Cisco industry standardized test #640-280.
- Pass MCDST Microsoft industry standardized test #70-271.
- Design and configure a CISCO information structure with documentation to support the net work structure.
- Pass all the CCNA industry standardized tests.
- Pass all MCSA industry standardized tests.
- Pass all the A+ CompTia standardized tests.

RELATED EDUCATION REQUIREMENTS (12 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communication
- **Computation Skills (5 credits)**
 - MATH 95 (or above) Intermediate Algebra

- **Human Relations Skills (4 credits)**
 - BA 204 Teamwork Dynamics
 - INED 156 Employment Strategies

REQUIRED COURSES FOR COMPUTER INFORMATION SYSTEMS (78 CREDITS*)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CS 120	Computer Concepts.....	4
- CIS 140	Introduction to Operating Systems.....	4
- CIS 110	Information Technology Essentials	3
- BA 204	Teamwork Dynamics.....	3
• Winter Quarter		
- CIS 101	Networking I: Home/Small Business.....	4
- CIS 195	Website Fundamentals	4
- CIS 111	Information Technology Essentials II	3
• Spring Quarter		
- CIS 225	End User Support.....	3
- CIS 280	Work Experience.....	2
- CIS 102	Networking 2: Small/Medium Business.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CIS 133 CS	C# Programming I	4
- CIS 240 W	Windows Server Operations	4
- CIS 103	Networking 3: Routing & Switching	4
- CS 125 A	Database Applications	4
- CIS 280	Work Experience.....	1
• Winter Quarter		
- CIS 234 N	Advanced C# Programming II.....	4
- CIS 240	Server Operating. Systems.....	4
- CIS 104	Networking 4: Designing & Supporting.	4
- CIS 280	Work Experience.....	1
• Spring Quarter		
- CIS 276	Advance SQL	4
- CIS 297 E	Introduction to MS Exchange	4
- CIS 244	Project Management: Analysis and Design	4
- CIS 284	Network Security	4
- CIS 280	Work Experience.....	1

* Does not include Related Education Requirement BA 204

Total Number of Credits in Degree90

Computer Science

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science
Department Chair: Dr. Marie Strunk (ext. 347)
Advising: Dr. Marie Strunk (ext. 347); Dr. Rick Reynolds (ext. 325)

PROGRAM OVERVIEW

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Computer Science at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122 English Composition
 - WR 123 English composition **or**
 - WR 127 Technical Report Writing
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Pre-Chiropractic emphasis course fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

For students who are not ready for calculus:
 MATH 112* Elementary Functions
 MATH 113* Pre-Calculus

RECOMMENDED COURSES FOR COMPUTER SCIENCE EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CS 100	Orientation to Programming.....	4
• Winter Quarter		
- CS 161	Computer Science I.....	4
• Spring Quarter		
- CS 162	Computer Science II.....	4

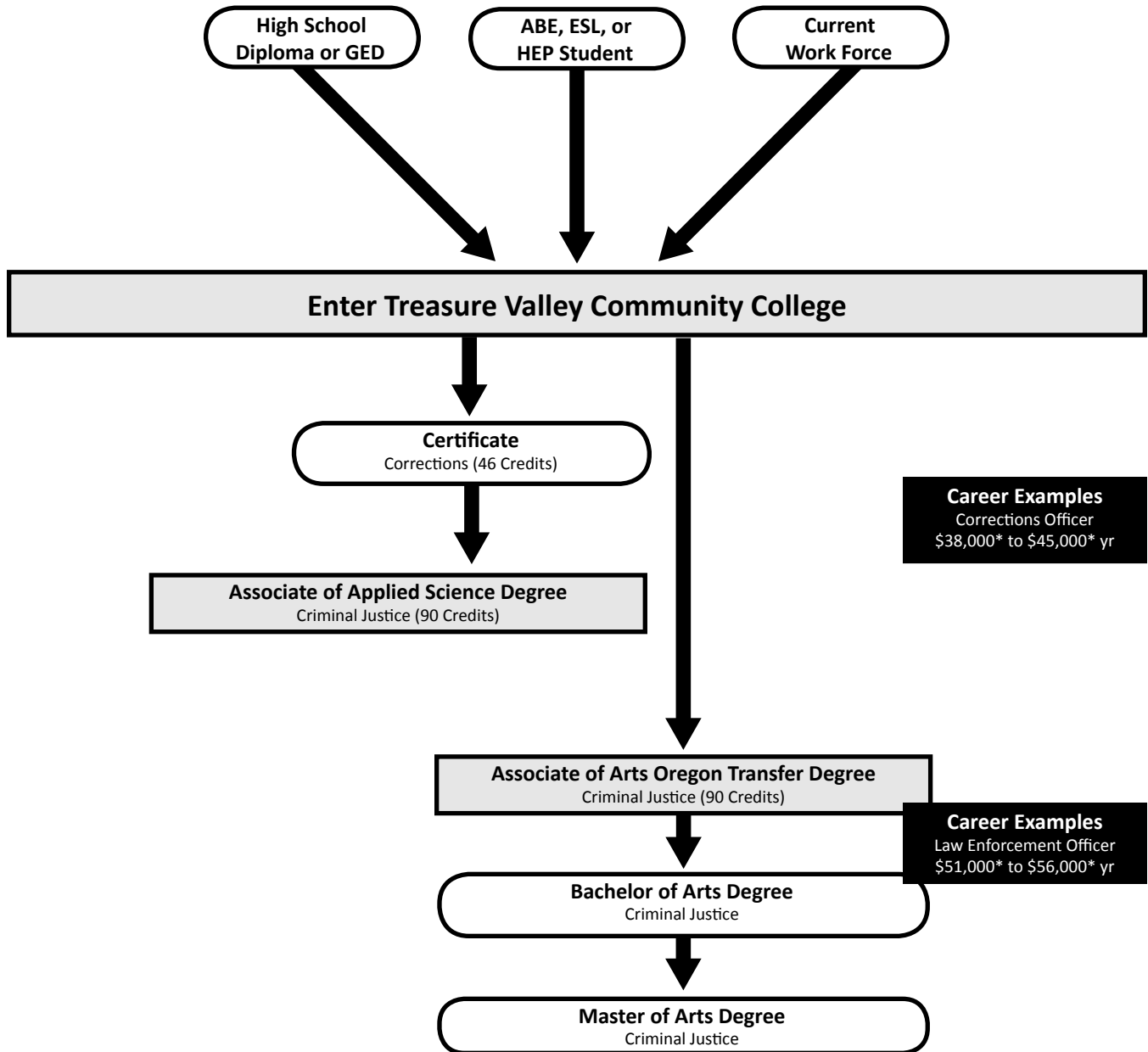
YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 251*	Calculus I.....	5
- PHYS 211*	Classical Physics I or	
- CHEM 221*	College Chemistry.....	5
• Winter Quarter		
- MATH 252*	Calculus II.....	5
- PHYS 212*	Classical Physics II or	
- CHEM 222*	College Chemistry.....	5
• Spring Quarter		
- MATH 253*	Calculus III.....	5
- PHYS 213*	Classical Physics III or	
- CHEM 223*	College Chemistry.....	5

* Indicates course is on the distribution list. See page 31 for guidelines.

Criminal Justice Career Pathway Options

Department: Social Science
Department Chair: Debbie Skousen (ext. 287)
Advising: Scott Davis (ext. 253)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

Criminal Justice: Corrections CERTIFICATE

Department: Social Science

Department Chair: Debbie Skousen (ext. 287)

Advising: Scott Davis (ext. 253)

This certificate prepares students for entry level positions in the corrections field.

Most courses in this certificate may be applied to the Criminal Justice degree. A minimum **grade point average of 2.0** is required to obtain the certificate.

LEARNING OUTCOMES

Students who complete the certificate will be prepared to:

- Identify historical and philosophical evolution of criminal justice sanctions and punishment
- Describe the constitutional and statutory foundation for offender treatment within correctional facilities

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communication
- **Computation Skills (4 credits)**
 - MATH 60 Beginning Algebra I (or above)
- **Human Relations Skills (3 credits)**
 - CJ 200 Community Relations

REQUIRED COURSES FOR CRIMINAL JUSTICE CERTIFICATE (39 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CJ 100	Intro to Criminal Justice	3
- CJ 130	Intro to Corrections	3
- CJ 132	Intro to Parole & Probation	3
- CJ 120	Intro to Judicial Process	3
- HPE 295	Health and Fitness for Life	3
• Winter Quarter		
- CJ 201	Intro to the Juvenile Justice	3
- CJ 220	Criminal Law	3
- CJ 225	Corrections Law	3
- CJ	Any CJ Elective	3
• Spring Quarter		
- CJ 222	Procedural Law	3
- HPE 120	First Aid & CPR	2
- HPE 185	Physical Education Activity	1
- CJ 202	Violence and Aggression	3
- CJ 205	Victims of Crime	3

Total Number of Credits in Certificate49

CRIMINAL JUSTICE

Associate of Applied Science Degree

Criminal Justice

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Social Science

Department Chair: Debbie Skousen (ext. 287)

Advising: Scott Davis (ext. 253)

PROGRAM OVERVIEW

This program prepares students to enter a career in criminal justice. Graduates are prepared to work as law enforcement or correctional officers. They may also find employment in insurance adjustment, dispatch, court hearings, public or private security, license inspection with Department of Motor Vehicles, or as technicians in a number of other criminal agencies.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution. A minimum of 90 credits and a minimum grade point average of 2.0** are needed to graduate.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, CJ 280) at a supervised work site. Department Chair or Criminal Justice Advisor approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

LEARNING OUTCOMES

Students who complete the degree will be prepared to:

- Identify historical and philosophical evolution of criminal justice sanctions and punishment.
- Describe the constitutional and statutory foundation for offender treatment within correctional facilities.
- Identify the characteristics of professional integrity and ethical standards for criminal justice professionals.
- Describe and relate the constitutional rights and responsibilities of citizens, offenders, and victims as they apply to state, federal and procedural laws.
- Describe and apply the process and technology used to gather, investigate, manage and report information in the criminal justice field.
- Identify the legal responsibilities of criminal justice professionals as they relate to cultural diversity and establishing positive community relationships.

RELATED EDUCATION REQUIREMENTS (19 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (12 credits)**
 - WR 121, 122 English Composition
 - WR 227 Technical Report Writing
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion

- **Computation Skills (4 credits)**
 - MATH 60 Beginning Algebra I (or above)
- **Human Relations Skills (3 credits)**
 - CJ 200* Community Relations

ELECTIVES (10 CREDITS)

Students should meet with their advisor for a list of suggested electives.

REQUIRED COURSES FOR CRIMINAL JUSTICE PROGRAM (61 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CJ 100	Intro to Criminal Justice	3
- CJ 111	Concepts of Enforcement Service.....	3
- CJ 130	Intro to Corrections	3
- HPE 295	Health and Fitness for Life	3
• Winter Quarter		
- CJ 201	Intro to the Juvenile Justice	3
- CJ 225	Corrections Law	3
- CJ 112	Patrol Procedures	3
- SOC 205	General Sociology	3
• Spring Quarter		
- CJ 222	Procedural Law	3
- CJ 113	Accident Investigation/Traffic Laws	3
- CJ	Any CJ Elective	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CJ 132	Intro to Parole & Probation	3
- CJ 120	Intro to Judicial Process	3
- CJ 210	Criminal Investigation I	3
- CJ 216	Crime Scene Technician I	1
• Winter Quarter		
- CJ 220	Criminal Law	3
- CJ 211	Criminal Investigation II	3
- CJ 226	Crime Scene Technician II	1
- CJ 232	Corrections Casework	3
• Spring Quarter		
- CJ 223	Rules of Evidence	3
- CJ 212	Criminal Investigation III	3
- CJ 236	Crime Scene Technician III	1
- CJ 280***	Cooperative Work Experience	1

***CWE requires a successful LEDS background check, and some may require current First Aid Certification. CWE opportunities must be arranged with the CWE coordinator prior to the beginning of the quarter.

Note: Students completing the degree program who do not wish to earn the Corrections Certificate may take other criminal justice electives instead of CJ 225.

Total Number of Credits in Degree90

Criminal Justice Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Social Science

Department Chair: Debbie Skousen (ext. 287)

Advising: Scott Davis (ext. 253)

This degree fulfills the general education block transfer in Idaho and Oregon. At least 90 transferable credits and a minimum **grade point average of 2.0** are needed for graduation.

The following courses are recommended for students interested in pursuing a degree in Criminal Justice at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121 Intro to College Writing
 - WR 122, WR 123 College Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 105 Contemporary Mathematics

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some courses recommended for Criminal Justice emphasis fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR CRIMINAL JUSTICE EMPHASIS (36 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CJ 209	Intro to Careers in Criminal Justice	3
- CJ 100*	Intro to Criminal Justice	3
- CJ 130	Intro to Corrections	3
• Winter Quarter		
- CJ 201*	Intro to Juvenile Justice	3
- CJ 260	Intro to Corrections II.....	3
- CJ 140	US Criminal Justice System	3
• Spring Quarter		
- CJ 222*	Procedural Law	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CJ 120*	Intro to Judicial Process	3
- CJ 111	Concepts of Enforcement Services	3
- CJ 132	Intro to Parole and Probation	3
• Winter Quarter		
- CJ 200	Community Relations	3
- CJ 220*	Criminal Law	3

* Indicates course is on the distribution list. See page 31 for guidelines.

PRE-DENTAL HYGIENE

Associate of Arts Transfer Degree

Pre-Dental Hygiene Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science
Department Chair: Dr. Marie Strunk (ext. 287)
Advising: Dr. Marie Strunk (ext. 287); Cindy Feibert (ext. 556)

The following courses are recommended for students interested in pursuing a degree in Dental Hygiene at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. Students should carefully check the prerequisites at their intended institution for differing requirements in math, biology and chemistry. Some schools require statistics and one year of organic chemistry.

This degree fulfills the general education block transfer in Idaho and Oregon. At least **90 transferable credits** and a minimum **grade point average of 2.0** are needed for graduation.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting appropriate preparatory courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Pre-Dental Hygiene emphasis courses fulfill a portion of the distribution requirements.

SUGGESTED ELECTIVES (10 CREDITS)

- PSYC 201* General Psychology
- SOC 204* General Sociology
- BA 131 Intro to Business Computing or
- CS 120 Computer Concepts

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR PRE-DENTAL HYGIENE EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 101*	General Biology <u>or</u>	
- BIOL 211*	Biology	4-5
- CHEM 104*	Survey of Chemistry	4
• Winter Quarter		
- CHEM 105*	Survey of Chemistry	4
- MATH 243*	Statistics.....	4
• Spring Quarter		
- CHEM 106*	Survey of Chemistry	4
- FNUT 225*	Nutrition	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 231*	Anatomy and Physiology	4
• Winter Quarter		
- BIOL 232*	Anatomy and Physiology	4
- BIOL 234*	Microbiology	4
• Spring Quarter		
- BIOL 233*	Anatomy and Physiology	4

* Indicates course is on the distribution list. See page 31 for guidelines.

COLLEGE TRANSFER - RECOMMENDED FIRST YEAR COURSEWORK

Students transferring to a **two-year dental hygiene program** may fulfill general education requirements at TVCC. Students should cross-check the following recommended courses with an advisor at their two-year dental hygiene transfer institution. WR 121, WR 122, WR 123, SP 111, MATH 111, BIOL 101, CHEM 104, BA 131, BIOL 231, PSYC 201, BIOL 232, CHEM 105, FNUT 225, BIOL 233, BIOL 234, CHEM 106.

Diagnostic Imaging

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Science

Department Chair: Dr. Marie Strunk (ext. 287)

Advising: Dr. Marie Strunk (ext. 287); Lor Eyer (ext. 419)

PROGRAM OVERVIEW

Pending. See advisor for more information.

Economics Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Gerry Hampshire (ext. 361)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Economics at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. Students will need to pre-determine whether they are pursuing a Bachelor of Arts or a Bachelor of Science degree. Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 13 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended courses for economics emphasis fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR ECONOMICS EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- HIST 101*	History of Western Civilization.....	3
• Winter Quarter		
- MATH 243*	Probability and Statistics I.....	4
- HIST 102*	History of Western Civilization.....	3
• Spring Quarter		
- MATH 244*	Probability and Statistics II.....	4
- HIST 103*	History of Western Civilization.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ECON 201*	Principles of Economics: Micro.	3
- MATH 251*	Calculus I <u>or</u>	
- MATH 241*	Calculus for Business/Social Science I.....	4-5
• Winter Quarter		
- MATH 252*	Calculus II <u>or</u>	
- MATH 242*	Calculus for Business/Social Science II	4-5
- ECON 202*	Principles of Economics: Macro.	3
• Spring Quarter		
- ECON 203*	Principles of Economics: Economic Issues	3

* Indicates course is on the distribution list. See page 31 for guidelines.

EDUCATION AT A GLANCE

SO YOU WANT TO TEACH....

If you are planning to teach in Oregon, you are encouraged to read the “How to Become an Oregon Teacher” advising guide from the Teacher Standards and Practices Commission website: <http://www.tspc.state.or.us/links.asp?op=2&id=0>

If you are planning to teach in Idaho, you are encouraged to visit Idaho’s Teacher Certification area at the Idaho State Department of Education website: http://www.sde.idaho.gov/site/teacher_certification

IF YOU WANT TO BE AN ELEMENTARY EDUCATION TEACHER (GENERALLY GRADES K-8)

- Select the teacher education program at the university to which you plan to transfer; each university teacher education program has its own requirements for elementary education.
- You are advised to choose an Oregon university if you choose to teach in Oregon, and be certified by the Oregon Teacher Standards and Practices Commission; if you choose to teach in Idaho, you may choose to transfer to a university in either Oregon or Idaho. All states have different teacher certification processes.
- Meet with your TVCC advisor and make a two-year plan. Be sure to read **ALL** application information from the university you plan to attend. You may find entrance testing requirements, GPA requirements, and other special requirements depending upon the university.
- Complete your Associate of Arts Oregon Transfer Degree (AAOT) with TVCC; students transferring with this degree will have met all lower-division general education requirements and core education course requirements. They will be admitted at the junior level for registration purposes. Universities usually have additional requirements for admittance into teacher education programs.
 - FOR EXAMPLE: Students must take and satisfactorily pass the CBEST test to enter the CUESTE (elementary education) program at Eastern Oregon University or the Praxis 1 Math and Writing tests for Boise State University. Most universities have an elementary education entrance test. Students are advised to keep current in their math as preparation for these tests.

Advisor for Elementary Education transfer to Oregon universities: Renae Weber (ext 212); Lori Eyler (ext. 419) Joyce Davis (ext. 408). **Advisor for Elementary Education transfer to Idaho universities:** Joyce Davis (ext. 408); Lori Eyler (ext. 419); All general advisors (Caldwell).

IF YOU WANT TO TEACH BE A SECONDARY TEACHER (GENERALLY GRADES 9-12)

- Select the university to which you plan to transfer.
- You are advised to choose an Oregon university program if you choose to teach in Oregon and be certified by the Oregon Teacher Standards and Practices Commission. If you choose to teach in Idaho, you may choose to transfer to a university either in Oregon or Idaho. The states have different certification processes.
- Meet with your TVCC advisor and make a two-year plan.
- Complete an Associate of Arts Oregon Transfer Degree (AAOT) with TVCC with an emphasis in the subject area you wish to teach, such as Social Science, Science, Math, English, Biology, etc. Consider your interests as well as future job opportunities when selecting your area of emphasis. students transferring with this degree will have met all lower-division general education requirements and will be admitted at the junior level for registration purposes.
- Prior to entry pass the CBEST (Eastern Oregon University) or PRAXIS 1 Writing (Boise State University) exams for admittance to the teacher education program at the university. Most universities have similar admittance exams.

Advisor: College advisor in your subject area of emphasis or Lori Eyler (ext. 419)

IF YOU WANT TO BE AN EARLY CHILDHOOD EDUCATION TEACHER (GENERALLY PRE-KINDERGARTEN)

- Complete the Early Childhood Associate of Applied Science degree.
- Many students in this program wish to transfer. While this degree is designed for direct entry into the workforce, some courses, and at times the entire program, is transferable. Students wishing to transfer should work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.

Advisor: Joyce Davis (ext. 408)

IF YOU WANT TO BE AN INSTRUCTIONAL/BILINGUAL ASSISTANT

- Complete the Instructional/Bilingual Associate of Applied Science Degree.

Advisor: Joyce Davis (ext. 408)

IF YOU WANT TO BE TEACHING ASSISTANT IN PRIVATE DAY CARE FACILITIES

- Complete the Early Childhood Education Certificate. All courses in the certificate apply.
- to the Early Childhood Associate of Applied Science Degree.

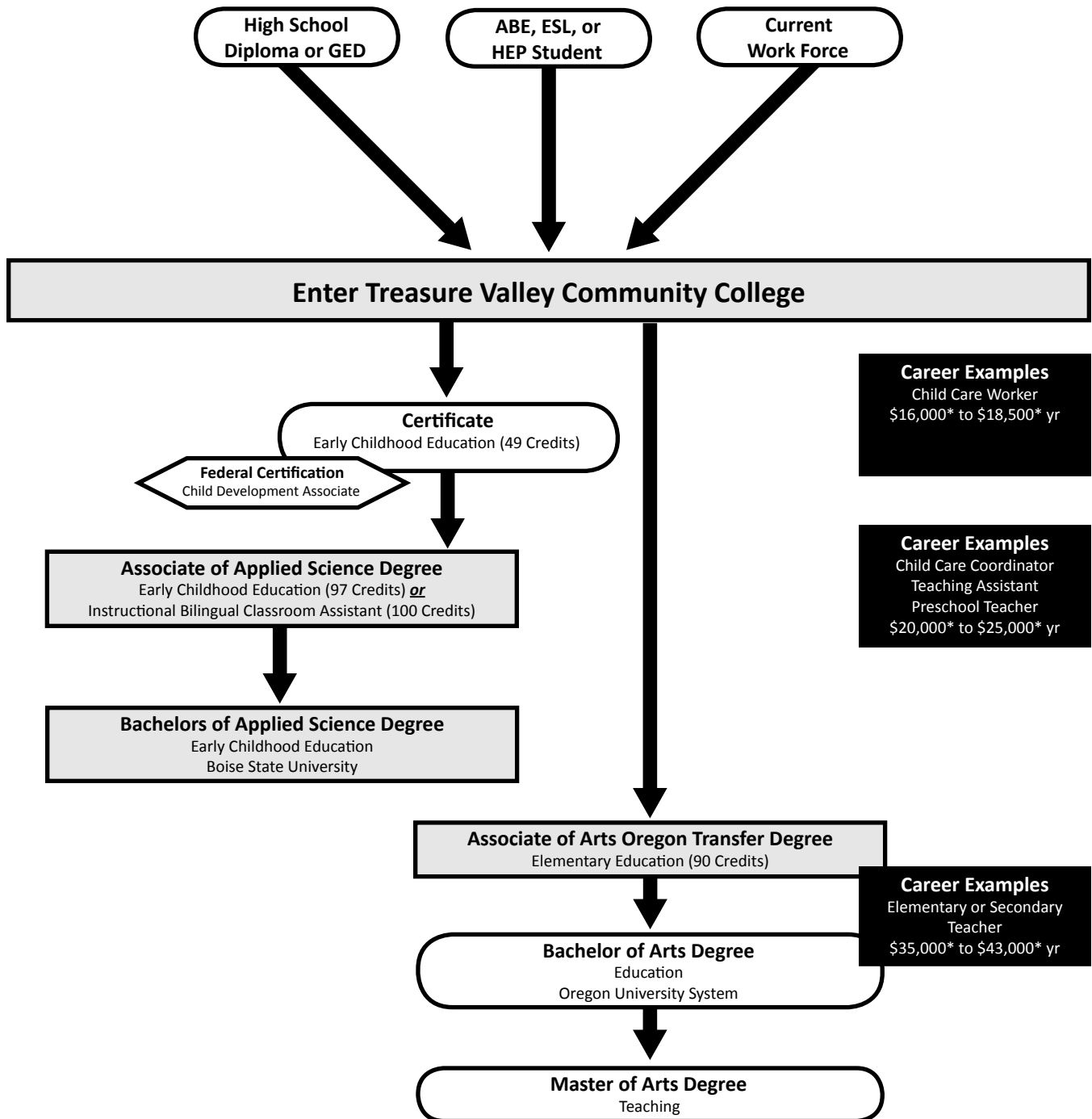
Advisor: Joyce Davis (ext. 408)

Education Career Pathway Options

Department: Education

Department Chair: Joyce Davis (ext. 408)

Advising: Renae Weber (ext. 212), Joyce Davis (ext. 408), Lori Eylar (419)



Career Examples
Child Care Worker
\$16,000* to \$18,500* yr

Career Examples
Child Care Coordinator
Teaching Assistant
Preschool Teacher
\$20,000* to \$25,000* yr

Career Examples
Elementary or Secondary
Teacher
\$35,000* to \$43,000* yr

* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

Early Childhood Education CERTIFICATE

Department: Education

Department Chair: Joyce Davis (ext. 408)

Advising: Joyce Davis (ext. 408)

Students successfully completing the certificate are prepared to work in private daycare facilities as teaching assistants.

All courses in this certificate may be applied to the Early Childhood Education Associate of Applied Science degree. A minimum **grade point average of 2.0** is required to obtain the certificate.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (EDUC 281 - EDUC 283) at a supervised work site. Department Chair approval is required. Credits and grades are based on hours worked, work performance, and completion of learning objectives specified in a learning contract.

LEARNING OUTCOMES

Students who complete the certificate will be prepared to:

- Apply principles and skills in observing children birth to age 8 in order to select guidance techniques to promote autonomy.
- Plan and implement nutrition plans.
- Practice appropriate communications skills—written and verbal—with supervisors, colleagues, parents and children.
- Plan and implement activities to work with children of diverse ages, backgrounds and abilities based on developmentally appropriate theories and observations.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 121 College Writing
- **Computation Skills (4 credits)**
 - MATH 60 Beginning Algebra (or above)
- **Human Relations Skills (3 credits)**
 - EDUC 246 Family/Community Relations-ECE

REQUIRED COURSES FOR EARLY CHILDHOOD EDUCATION PROGRAM (39 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- EDUC 140	Intro to Early Childhood Education	3
- EDUC 141	Childhood Development I	3
- EDUC 156	Cooperative Plan Seminar I	1
- EDUC 281	Cooperative EC Internship I	3
- HPE 295	Health and Fitness for Life	3
• Winter Quarter		
- EDUC 247	Classroom Management	3
- EDUC 144	Observation I	3
- EDUC 145	Guidance I - Early Childhood Education.....	3
- EDUC 150	Curriculum I - Early Childhood Education	3
• Spring Quarter		
- EDUC 149	Infant/Toddler Caregiving	3
- EDUC 159	Music Development for ECE	3
- EDUC 158	Bilingual Language Development	3
- HPE 120	First Aid & CPR	2
• Summer Quarter		
- EDUC 157	Math Development for ECE	3
Total Number of Credits in Certificate		40

EARLY CHILDHOOD EDUCATION

Associate of Applied Science Degree

Early Childhood Education

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Education

Department Chair: Joyce Davis (ext. 408)

Advising: Joyce Davis (ext. 408)

PROGRAM OVERVIEW

The Early Childhood Education program prepares students to teach and care for young children from birth to age eight with regard for children's social, physical, emotional development, and safety. Graduates are prepared to work in both public and private sectors, and in a variety of educational and child-care settings. Potential employment opportunities include nursery schools, pre-schools, day care businesses, government agencies, private kindergartens, and para-professionals in the public schools.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum **grade point average of 2.0** are needed to graduate.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (EDUC 281, 282, and 283) at a supervised work site. Department Chair approval is required. Credits and grades are based on hours worked, work performance, and completion of learning objectives specified in a learning contract.

LEARNING OUTCOMES

Students who complete the degree will be prepared to:

- Develop, implement and manage developmentally appropriate curriculum that supports physical, social, emotional, and cognitive development for children ages infant through 8 years.
- Demonstrate the use of effective communication strategies to build collaborative relationships with families to assist them with skill-building in guidance, nutrition, self-esteem, cognitive skills and appropriate activity choices for their child.
- Practice standards for professional ethics as applied in the early childhood environment including confidentiality and the use of communication skills in collaborative relationships with administration and coworkers.
- Master application skills appropriate for infant to 8 years in mathematics, science and language arts, including letter and number recognition, measurement, graphs, tables, colors, reading and writing.
- Master classroom management skills to facilitate schedule and use of environment to maximize children's abilities to make choices, explore personal power, develop empathy and caring behaviors, learn responsible roles for classroom and appropriate relationships.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 121 College Writing

- **Computation Skills (4 credits)**
 - MATH 60 Beginning Algebra (or above)
- **Human Relations Skills (3 credits)**
 - EDUC 246 Family and Community Relations

ADDITIONAL REQUIREMENTS (8-10 CREDITS)

- HPE 120 First Aid & CPR
- HSER 248 HIV/AIDS, STD, TB: Risk Assessment
- EDUC 199 Education: Special Studies
- SOC 204, or SOC 205, or SOC 206 Sociology

REQUIRED COURSES FOR EARLY CHILDHOOD EDUCATION PROGRAM (80 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- EDUC 200	Intro to Education	4
- EDUC 140	Intro to Early Childhood Education	3
- EDUC 141	Child Development I	3
- EDUC 156	Cooperative Plan Seminar I	1
- EDUC 281	Coop EC Internship I	3
• Winter Quarter		
- EDUC 144	Observation I	3
- EDUC 145	Guidance I - Early Childhood Education	3
- EDUC 150	Curriculum I - Early Childhood Education	3
- EDUC 106	Child Development II	3
• Spring Quarter		
- EDUC 143	Child Development III	3
- EDUC 149	Infant/Toddler Caregiving	3
- EDUC 159	Music Development for ECE	3
- EDUC 240	Curriculum II - Early Childhood Education	3
- EDUC 258	Ethnic Studies for ECE Educators	3
• Summer Quarter		
- EDUC 157	Math Development - EC	3
- EDUC 245	Guidance II - Early Childhood Education	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- EDUC 244	Observation II - Early Childhood Education	3
- EDUC 241	Curriculum III - Early Childhood Education	3
- EDUC 166	Cooperative Plan Seminar II	1
- EDUC 282	Cooperative EC Internship II	3
• Winter Quarter		
- EDUC 153	Early Childhood Environments	3
- EDUC 246	Family/Community Relations - ECE	3
- EDUC 247	Classroom Management	3
- EDUC 248	Special Needs & Mainstreaming	3
• Spring Quarter		
- EDUC 154	Literature & Literacy for ECE	3
- EDUC 158	Bilingual/Language Development	3
- EDUC 176	Cooperative Plan Seminar III	1
- EDUC 202	Educational Technology	4
- EDUC 283	Cooperative EC Internship III	3

Total Number of Credits in Degree98

Elementary Education Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Education

Department Chair: Joyce Davis (ext. 408)

Advising: Renae Weber (ext. 212), Joyce Davis (ext. 408), Lori Eyster(419)

This degree fulfills the general education block transfer in Idaho and Oregon. At least 90 transferable credits and a minimum **grade point average of 2.0** are needed for graduation.

The following courses are recommended for students interested in pursuing a degree in Elementary Education at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 Credits)**
 - WR 121, WR 122, WR 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 211 Elementary Mathematics

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students transferring to Eastern Oregon University are referred to page 86 for a list of courses and guidelines that fulfill distribution requirements. Some courses recommended for Elementary Education emphasis fulfill a portion of the distribution requirements.

NOTE: Students transferring to other four year colleges need to consult their departmental advisor when selecting distribution courses. Elementary Education programs are highly prescriptive, and requirements vary by university.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

- EDUC 158 Bilingual Language Development
- EDUC 213 School Law
- EDUC 258 Ethnic Studies for ECE Educators
- EDUC 143 Child Development III
- EDUC 144 Observation I
- EDUC 145 Guidance I - Early Childhood Education
- EDUC 245 Guidance II - Early Childhood Education

RECOMMENDED COURSES FOR ELEMENTARY EDUCATION EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- EDUC 200	Intro to Education	4
• Winter Quarter		
- EDUC 250	Exceptionality in the Schools	4
- EDUC 246	Family/Community Relations - ECE.....	3
• Spring Quarter		
- EDUC 210	Theory and Practicum	1-3
- HPE 120	First Aid & CPR.....	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 211	Fundamentals of Elementary Math	4
- EDUC 247	Classroom Management.....	3
• Winter Quarter		
- EDUC 202	Educational Technology.....	4
- MATH 212	Fundamentals of Elementary Math	4
• Spring Quarter		
- EDUC 210	Theory and Practicum	1-3
- MATH 213	Fundamentals of Elementary Math	4

SEE PAGE 86 FOR ADDITIONAL COURSES REQUIRED FOR TRANSFER TO EASTERN OREGON UNIVERSITY'S MULTIDISCIPLINARY STUDIES DEGREE PROGRAM.

ADDITIONAL REQUIREMENTS FOR ELEMENTARY EDUCATION

Eastern Oregon University Course Requirements

EASTERN OREGON UNIVERSITY COURSE REQUIREMENTS

Students are strongly encouraged to meet with an advisor from EOU early in their TVCC career, as there are other requirements to be met before students are admitted to the Multidisciplinary Studies Degree program for elementary teacher licensure.

Students must have enough elective credits to total at least 90 college-level credits. All courses must have a C- or better to meet program requirements.

DISTRIBUTION REQUIREMENTS

• Arts and Letters: 15 Credits

- ART 101 Intro to Visual Arts (3 Credits)
- MUS 101 Music Fundamentals (3 Credits)
- PHIL 101 Philosophical Problems (3 Credits)
- Any Literature Course (3 Credits)
- ART or WR (3 Credits) Choose from the following:
 - ART 115 Basic Design
 - ART 131, 132, or 133 Drawing
 - ART 253, 254, or 255 Ceramics
 - ART 261 or 262 Photography
 - WR 241, 242, or 243 Intro to Imaginative Writing

• Social Sciences: 15 Credits

- PSYC 201, 202, or 203 Intro to Psychology (3 Credits) **or**
- PSYC 237 Seasons of Life (4 Credits)
- GEOG 105 Intro to Cultural Geography (3 Credits)
- HIST 201, 202, or 203 US History (3 Credits)
- HIST 101, 102, or 103 Western Civilization (3 Credits)
- ETHN 101, 102, or 103 Ethnic Studies (3 Credits)

• Science (Choose one sequence): 15 Credits

- BIOL 101, 102, 103 General Biology (12 Credits) **or**
- BIOL 211, 212, 213 Biology (15 Credits) **or**
- GEOL 201, 202, 203 Geology (12 Credits)
- AND (Choose one sequence)
- CHEM 121, 122, 123 General Chemistry (12 Credits) **or**
- CHEM 221, 222, 223 College Chemistry (15 Credits) **or**
- PHYS 201, 202, 203 General Physics (12 Credits) **or**
- Any Three of the Following: (4 Credits Each):
- GSCI 104, 105, 106 Physical Science: Physics, Chemistry, Geology
- GSCI 107, 108 Astronomy, Oceanography
- (* Two full sequences are needed, so the credit total will be more than 15)

ALSO REQUIRED

- HPE 295 Health and Fitness for Life (3 Credits)

INSTRUCTIONAL/BILINGUAL CLASSROOM ASSISTANT

Associate of Applied Science Degree

Instructional/Bilingual Classroom Assistant

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Education
Department Chair: Joyce Davis (ext. 408)
Advising: Joyce Davis (ext. 408)

PROGRAM OVERVIEW

This program prepares students to assist classroom educators in helping students to achieve and succeed effectively in the classroom environment. Graduates are prepared to work in both public and private sectors. The program combines theory of child development and education with observation and supervised work experience.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A minimum of 90 credits and a minimum **grade point average of 2.0** are needed to graduate.

LEARNING OUTCOMES

Students who complete the degree will be prepared to:

- Demonstrate skills for maintaining professional and cooperative relationships with classroom teacher, administration, communities, students and families.
- Research career opportunities and programs for para-to-teacher progression through print, computer and expert resources.
- Develop and implement instructional responsibilities that increase effectiveness and interaction time between students and the classroom teacher including working with individual students, small student groups, and observing and reporting of student behaviors.
- Demonstrate mastery of clerical skills such as making copies, administering classroom inventories, maintaining files, collecting materials, making phone calls, checking out media equipment and assisting with school registration.
- Meet external and internal school district requirements through successful interviewing and passing tests for skill competencies and background checks.
- Demonstrate professional on the job behaviors including working effectively with others, being flexible, accepting constructive criticism, and speaking clearly using appropriate English.

RELATED EDUCATION REQUIREMENTS (17 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (6 credits)**
 - WR 121 English Composition
 - SP 111 Fundamentals of Speech
- **Computation Skills (5 credits)**
 - MATH 70 Algebra Review (or above)
- **Human Relations Skills (6 credits)**
 - EDUC 246 Family and Community Relations
 - EDUC 247 Classroom Management

ADDITIONAL PROGRAM REQUIREMENTS (18 CREDITS)

- PSYC 201 General Psychology
- ART 101 Intro to Art
- MUS 101 Music Fundamentals
- BIOL 101 General Biology
- HPE 120 First Aid
- SOC 204 or 205 General Sociology

REQUIRED COURSES FOR INSTRUCTIONAL/BILINGUAL CLASSROOM ASSISTANT PROGRAM (65 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- EDUC 200	Intro to Education	4
- EDUC 156	Cooperative Plan Seminar I	1
- EDUC 281	Cooperative Internship I	3
- EDUC 101	Intro to Paraeducator	3
• Winter Quarter		
- EDUC 106	Child Development II	3
- EDUC 144	Observation I	3
- EDUC 145	Guidance I - Early Childhood Education.....	3
- EDUC 250	Exceptionality in the Schools	4
• Spring Quarter		
- EDUC 143	Child Development III	3
- EDUC 103	Instructional Support	3
- EDUC 213	School Law	3
- EDUC 258	Ethnic Studies for ECE Educators	3
• Summer Quarter		
- EDUC 245	Guidance II - Early Childhood Education.....	3
- HSER 248	Infectious Dis.: Addict. Risk Assess & Red.....	2
- EDUC 160	Curriculum Studies/Math	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- EDUC 244	Observation II - Early Childhood Education	3
- EDUC 166	Cooperative Plan Seminar II	1
- EDUC 282	Cooperative Internship II	3
• Winter Quarter		
- EDUC 202	Educational Technology	4
- EDUC 270	Paraeducator Curriculum Studies/LA	3
• Spring Quarter		
- EDUC 158	Bilingual Language Development	3
- EDUC 176	Cooperative Plan Seminar III.....	1
- EDUC 283	Cooperative Internship III	3

Total Number of Credits in Degree100

EMERGENCY MEDICAL TECHNICIAN (EMT)

Certificate of Completion

Emergency Medical Technician CERTIFICATE

Department: Continuing Education

Department Chair: Linda Simmons (ext. 281)

Advising: Linda Simmons (ext. 281)

This one-year Emergency Medical Technician Certificate prepares students to enter or advance in the emergency and medical fields as ambulance personnel, first responders, emergency fire personnel, and safety responders in manufacturing plants and businesses. This first year certificate is designed to meet many of the requirements of the first year of a two-year Associate of Applied Science Emergency Medical Technician degree (requires transfer to another college). A minimum **grade point average of 2.0** is required to obtain the certificate.

LEARNING OUTCOMES

Students who complete the certificate will be prepared to:

- Assess patients and apply treatment protocols in emergency medical situations, in a professional and ethical manner.
- Demonstrate the ability to effectively and appropriately use oral and written communication techniques with patients, families, and members of the health care team.
- Perform all basic and advanced life support skills in a safe and timely manner.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communications
(Students going on to a 2-year degree need WR 121)
- **Computation Skills (4 credits)**
 - MATH 60 Beginning Algebra I (or above, if transferring)
- **Human Relations Skills (3 credits)**
 - EMS 170 Emergency Comm & Patient Trans

REQUIRED COURSES EMERGENCY MEDICAL TECHNICIAN CERTIFICATE (37 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 231*	Anatomy and Physiology	4
- EMT 151	EMT Basic I.....	5
- EMT 175	Intro to Emergency Medical Services	3
• Winter Quarter		
- BIOL 232*	Anatomy and Physiology	4
- SOC 205	General Sociology	3
- GSCI 161	Medical Terminology I	3
- EMT 152	EMT Basic 2.....	5
- EMT 169	EMT Rescue	3
- Spring Quarter		
- BIOL 233*	Anatomy and Physiology	4
- CJ 203	Crisis Intervention.....	3

*These courses have prerequisites.

Total Number of Credits in Certificate47

Engineering (Pre) Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science
Department Chair: Dr. Marie Strunk (ext. 347)
Advising: Dr. Rick Reynolds (ext. 323)

This degree fulfills the general education block transfer in Idaho and Oregon. At least 90 transferable credits and a minimum **grade point average of 2.0** are needed for graduation.

The following courses are recommended for students interested in pursuing a degree in Engineering at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 Credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science) Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Pre-Engineering emphasis courses fulfill a portion of the distribution requirements.

RECOMMENDED ELECTIVES

- DRFT 167 Computer Aided Drafting I
- DRFT 112 General Drafting
- CS 161, 162 Intro to Computer Science I & II

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR PRE-ENGINEERING EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CHEM 221*	College Chemistry	5
- MATH 111	College Algebra	4
• Winter Quarter		
- CHEM 222*	College Chemistry	5
- MATH 112*	Elementary Functions	4
• Spring Quarter		
- CHEM 223*	College Chemistry	5
- MATH 113*	Pre-Calculus	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 251*	Calculus I.....	5
- PHYS 211*	Classical Physics I	5
• Winter Quarter		
- MATH 252*	Calculus II.....	5
- PHYS 212*	Classical Physics II	5
• Spring Quarter		
- MATH 253*	Calculus III.....	5
- PHYS 213*	Classical Physics III	5

NOTE: If students are Calculus ready, they should take Calculus the first year.

* Indicates course is on the distribution list. See page 31 for guidelines.

English Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: English

Department Chair: Dennis Gill (ext. 220)

Advising: Dennis Gill (ext. 220)

This degree fulfills the general education block transfer in Idaho and Oregon. At least 90 transferable credits and a minimum **grade point average of 2.0** are needed for graduation.

The following courses are recommended for students interested in pursuing a degree in English at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 Credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech **or**
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended English emphasis courses fulfill a portion of the distribution requirements.

RECOMMENDED ELECTIVES

- R 201 World Religions
- WR 241*, 242*, 243* Intro to Imaginative Writing
- HIST 101*, 102*, 103* History of World Civilization

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR ENGLISH EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ENG 107*	Intro to World Literature or	
- ENG 201*	Intro to Shakespeare.....	3
• Winter Quarter		
- ENG 108*	Intro to World Literature or	
- ENG 202*	Intro to Shakespeare.....	3
• Spring Quarter		
- ENG 109*	Intro to World Literature or	
- ENG 203*	Intro to Shakespeare.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ENG 253*	Survey of American Literature.....	3
- HUM 148*	Intro to Humanities.....	3
- PHIL 101	Philosophical Problems.....	3
• Winter Quarter		
- ENG 195*	Film Studies.....	3
- ENG 254*	Survey of American Literature.....	3
- HUM 149*	Intro to Humanities.....	3
• Spring Quarter		
- ENG 255*	Survey of American Literature.....	3
- HUM 150*	Intro to Humanities.....	3
- ENG 260*	Intro to Women Writers.....	3

* Indicates course is on the distribution list. See page 31 for guidelines.

Geology Emphasis ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science
Department Chair: Dr. Marie Strunk (ext. 347)
Advising: Bill Strowd (ext. 222)

This degree fulfills the general education block transfer in Idaho and Oregon. At least 90 transferable credits and a minimum **grade point average of 2.0** are needed for graduation.

The following courses are recommended for students interested in pursuing a degree in Geology at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 Credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 112 Persuasive Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Geology emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR GEOLOGY EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 111	College Algebra	4
- GEOL 201*	Physical Geology	4
- BIOL 211*	Biology	5
• Winter Quarter		
- GEOL 202*	Physical Geology	4
- MATH 112*	Elementary Functions	4
- MATH 243	Statistics.....	4
• Spring Quarter		
- MATH 113*	Pre-Calculus	4
- GEOL 203*	Historical Geology	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 251*	Calculus I.....	5
- PHYS 211*	Classical Physics I	5
- CHEM 221*	College Chemistry	5
• Winter Quarter		
- PHYS 212*	Classical Physics II	5
- MATH 252*	Calculus II.....	5
- CHEM 222*	College Chemistry	5
• Spring Quarter		
- PHYS 213*	Classical Physics III	5
- MATH 253*	Calculus III.....	5
- CHEM 223*	College Chemistry	5

* Indicates course is on the distribution list. See page 31 for guidelines.

GEOGRAPHIC INFORMATION SYSTEMS TECHNOLOGY APPLICATIONS

Associate of Applied Science Degree

Geographic Information Systems Technology Applications

Applications

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Natural Resources
 Advising: Marcus Nichols (ext. 260)

PROGRAM OVERVIEW

This program prepares students for employment as technicians and provides a theoretical basis for understanding the use of GIS and its place in analysis and decision-making. ESRI Arc GIS is the platform for coursework. Focus opportunities for students include Agriculture, Natural Resources, Geography, or Heavy Equipment applications. Successful completion of the program will prepare students for employment in their focus area which includes county and city planning, engineering, survey, and GIS department; Agriculture applications; and Construction/Heavy Equipment.

Students successfully completing the first year of the program may apply for various industry certifications, depending on their selected focus area. Students successfully completing year two of the program may apply for an Associate of Applied Science degree in GIS Technology.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a **minimum grade point average of 2.0** are needed to graduate.

LEARNING OUTCOMES

Students who complete the degree will be able to:

- Read and design maps.
- Demonstrate critical thinking skills in solving geospatial problems.
- Demonstrate how GIS can benefit fields of study through data storage and spatial analysis.
- Appropriately incorporate GPS, CAD, and historical paper-based record data into a GIS.
- Construct a clear, presentable cartographic product that addresses a geospatial issue.

RELATED EDUCATION REQUIREMENTS (11 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test

scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communications
- **Computation Skills (4 credits)**
 - MATH 70 Algebra Review (or above)
- **Human Relations Skills (4 credits)**
 - BA 204 Teamwork Dynamics
 - INED 156 Employment Strategies

FOCUS ELECTIVES (12-27)

A variety of focus opportunities are available. See the table at the bottom of this page for options and course lists.

REQUIRED COURSES FOR GIS TECHNOLOGY APPLICATIONS (39 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

COURSE #	COURSE TITLE	CREDITS
Fall Quarter		
- DRFT 112	General Drafting	3
- NATR 105	Field Methods in Natural Resources	3
- CS 120	Computer Concepts	4
Winter Quarter		
- GEOG 265	Geographic Info Systems (GIS) I	4
- NATR 140	Map Use and Analysis	4
Spring Quarter		
- GEOG 285	Geographic Info Systems (GIS) II	4
- NATR 112	Global Positioning Systems (GPS)	2
- GEOG 101	Physical Geography	4

YEAR 2

COURSE #	COURSE TITLE	CREDITS
Fall Quarter		
- DRFT 167	Computer Aided Design I	4
Winter Quarter		
- DRFT 168	Computer Aided Design II	4
Spring Quarter		
- DRFT 136	GIS Applications	3

Total Number of Credits in Degree90

FOCUS ELECTIVES (TO TOTAL 90 CREDITS)

AGRICULTURE

- AET 211 Engineering Problems
- AG 201 Current Issues in Ag.
- AG 211 Survey and Construction
- CSS 205 General Soils
- CSS 210 Forage Production
- CSS 240 Noxious Weeds

GEOGRAPHY

- DRFT 131 GIS Terrain Map
- DRFT 132 GIS Ntwk Modeling
- DRFT 133 GIS Spatial Analysis
- DRFT 134 Map Project./Coord.
- DRFT 135 Intro to Visual Basic

NATURAL RESOURCES

- FOR 111 Intro to Forestry
- FWR 101 Nat. Res. Seminar
- FWR 111 Intro to Nat. Res.
- NATR 106 Intro to Fire Effects
- NATR 217 Watershed Mgmt.
- NATR 241 Range Management
- NATR 252 Wildlife Management

HEAVY EQUIPMENT OPERATOR

- HEO 100 Heavy Equipment Basics
- HEO 107 Adv. Heavy Equip. Truck Dr.
- HEO 101 Heavy Equip. Basics I **and**
- HEO 104 Adv. Heavy Equip. Basics OR
- HEO 102 Heavy Equip. Basics II **and**
- HEO 105 Adv. Heavy Equip. Basics II OR
- HEO 103 Heavy Equip. Basics III **and**
- HEO 106 Adv. Heavy Equip. Basics III

History Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Social Science
Department Chair: Debbie Skousen (ext. 287)
Advising: Gerry Hampshire (ext. 361)

This degree fulfills the general education block transfer in Idaho and Oregon. At least 90 transferable credits and a minimum **grade point average of 2.0** are needed for graduation.

The following courses are recommended for students interested in pursuing a degree in History at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 Credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended History emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR HISTORY EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- HIST 201*	US History	3
- POSC 201*	American Government	3
• Winter Quarter		
- HIST 202*	US History	3
- POSC 202*	American Government	3
• Spring Quarter		
- HIST 203*	US History	3
- POSC 203*	American Government	3
- ANTH 110*	Cultural Anthropology	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- HIST 101*	History of Western Civilization	3
- ETHN 101*	Ethnic Studies	3
- ENG 253*	Survey of American Literature <u>or</u>	
- ENG 107*	Survey of World Literature.....	3
• Winter Quarter		
- HIST 102*	History of Western Civilization	3
- ETHN 102*	Ethnic Studies	3
- ENG 254*	Survey of American Literature <u>or</u>	
- ENG 108*	Survey of World Literature.....	3
• Spring Quarter		
- HIST 103*	History of Western Civilization	3
- ETHN 103*	Ethnic Studies	3
- GEOG 105*	Intro to Cultural Geography.....	3

* Indicates course is on the distribution list. See page 31 for guidelines.

HORSE PRODUCTION AND TRAINING

Associate of Applied Science Degree

Horse Production and Training

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Agriculture
Advising: Sonny Hansen (ext. 305)

PROGRAM OVERVIEW

This program prepares students for a variety of careers in horse production, including horse trainer, horse breeder, farrier, and small ranch operator. The program combines theory with practical skills needed for daily horse ranch operations. Student will learn the foundations of equine production practices as well as have hands-on experience working with ranch livestock.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to specific programs at a four-year college or university. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.** A minimum of 90 credits and a minimum 2.0 grade point average are needed to graduate.

DUAL CREDIT (2+2)

Students will receive credit for agriculture classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, AG 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

LEARNING OUTCOMES

Students who complete the degree will be prepared to:

- Demonstrate ability to establish and manage an equine breeding program.
- Administer a vaccination and parasite control management plan.
- Demonstrate the ability to design and operate a working equine facility.
- Halter break, green break, and train a working cow horse for ranch use.
- Correctly trim and shoe a horse.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Technical Writing
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (4 credits)**
 - PSYCH 101 Psychology of Human Relationships
 - INED 156 Employment Strategies

REQUIRED COURSES FOR HORSE PRODUCTION AND TRAINING (84 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 192	Horsemanship	3
- ANS 220	Intro to Horse Production	3
- ANS 121	Intro to Animal Science	3
- ANS 122	Intro to Animal Science Operations	1
- ANS 200	Livestock Skills	3
- AG 207	Agriculture Seminar	1
- ANS 141	Basic Halter Training	3
• Winter Quarter		
- AG 111	Agriculture Computers	3
- ANS 222	Equine Health and Disease	3
- ANS 142	Green Breaking	4
- ANS 107	Basic Hoof Maintenance	3
- ANS 108	Advanced Horseshoeing	3
• Spring Quarter		
- ANS 143	Advanced Horse Training	3
- ANS 295	Reining	2
- ANS 277	Equine Reproduction	2
- AG	Any Agriculture Elective	3
- HPE 120	First Aid & CPR	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 223	Equine Business & Marketing	3
- AET 221	Shop Skills	3
- AREC 210	Farm Business Management	3
- AG	Any Agriculture Elective	3
• Winter Quarter		
- CSS 210	Forage Production	3
- ANS 263	Building and Stable Management	3
- ANS 297	Working Cow-Horse	3
- ANS 211	Applied Animal Nutrition	3
• Spring Quarter		
- HPRD 104	Timed Events I	3
- AG 201	Current Issues in Agriculture	1
- ANS 210	Feed and Ration Formulation	3
- ANS 294	Cow Cutting	2
- AG 280	Cooperative Work Experience	3
- AG	Any Agriculture Elective	3

Total Number of Credits in Degree94

Pre-Law Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: English

Department Chair: Dennis Gill (ext. 220)

Advising: Dennis Gill (ext. 220)

Every law school in Oregon (University of Oregon, Lewis and Clark College of Law, and Willamette University College of Law) requires a baccalaureate degree as a prerequisite for admission. Generally law schools do not require a particular pre-law major. However, most law schools will review pre-law majors, minors, courses and curricula for critical thinking and intellectual content. While no one major is required, well developed communication, writing and research skills are emphasized. Common majors for students applying to law school are economics, political science, history, English, business, and accounting.

In selecting a pre-law major, students may want to consider particular areas in the practice of law such as government or political science, business and corporate sciences, criminal justice, or accounting and tax. It is important to choose a major that fits the student's interests while encouraging intellectual growth. Admission to law school is based on academic achievement, employment experience, extra-curricular activities and performance on the Law School Admission Test (LSAT). A personal interview with the applicant and letters of recommendation may also be requested by the law school prior to admission.

TVCC students interested in pre-law should study for the Associate of Arts degree and obtain information on a major field of study within the framework of baccalaureate degree program from the four-year institution to which the student will later transfer. In preparation for transfer, students should consult with their TVCC advisor and with an advisor at the college or university to which they intend to transfer for any special requirements or additional coursework.

Mathematics Emphasis ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Mathematics

Department Chair: Dr. Renae Weber (ext. 212)

Advising: Dr. Renae Weber (ext. 212); Pat Rhodes (ext. 431); Dr. Rick Reynolds (ext. 323); David Reynolds (ext. 211); Drake Wallick (ext. 297); Greg Borman (ext. 7216)

This degree fulfills the general education block transfer in Idaho and Oregon. At least 90 transferable credits and a minimum **grade point average of 2.0** are needed for graduation.

The following courses are recommended for students interested in pursuing a degree in Mathematics at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Mathematics emphasis courses fulfill a portion of the distribution requirements.

RECOMMENDED ELECTIVES

- CS 161, 162 Computer Science I, II
- MATH 103 Intro to Graphing Calculators

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR MATHEMATICS EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 111	College Algebra	4
- CS	Any Computer Science	4
• Winter Quarter		
- MATH 113*	Elementary Functions	4
- MATH 243*	Intro to Probability & Statistics I	4
• Spring Quarter		
- MATH 112*	Pre-Calculus	4
- MATH 244*	Intro to Probability & Statistics II	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 251*	Calculus I.....	5
- PHYS 211*	Classical Physics I	5
• Winter Quarter		
- MATH 252*	Calculus II.....	5
• Spring Quarter		
- MATH 253*	Calculus III.....	5

* Indicates course is on the distribution list. See page 31 for guidelines.

Pre-Medicine Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science
Department Chair: Dr. Marie Strunk (ext. 347)
Advising: Kerby Winters (ext. 369)

The following courses are recommended for students interested in pursuing a degree in Pre-Medicine at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Pre-Medicine emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR PRE-MEDICINE EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 211*	College Biology	5
- CHEM 221*	College Chemistry	5
- MATH 111	College Algebra	4
• Winter Quarter		
- BIOL 212*	College Biology	5
- CHEM 222*	College Chemistry	5
- MATH 112*	Elementary Functions	4
- PSYC 201*	General Psychology.....	3
• Spring Quarter		
- BIOL 213*	College Biology	5
- BIOL 234*	Microbiology	4
- CHEM 223*	College Chemistry	5
- PSYC 202*	General Psychology.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CHEM 227	Organic Chemistry	5
- BIOL 231*	Anatomy and Physiology	4
- PHYS 201*	General Physics I.....	4
- MATH 251*	Calculus I.....	5
• Winter Quarter		
- CHEM 228	Organic Chemistry	5
- BIOL 232*	Anatomy and Physiology	4
- PHYS 202*	General Physics II.....	4
- MATH 252*	Calculus II.....	5
• Spring Quarter		
- CHEM 229	Organic Chemistry	5
- BIOL 233*	Anatomy and Physiology	4
- PHYS 203*	General Physics III.....	4
- MATH 253*	Calculus III.....	5

* Indicates course is on the distribution list. See page 31 for guidelines.

Music Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Fine and Performing Arts

Department Chair: Robin Jackson (ext. 270)

Advising: Bob Armstrong (ext. 295); Rebecca Replogle (ext. 296)

This degree fulfills the general education block transfer in Idaho and Oregon. At least 90 transferable credits and a minimum **grade point average of 2.0** are needed for graduation.

The following courses are recommended for students interested in pursuing a degree in Music at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some Music emphasis courses and some of the recommended electives fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

- MUS 101, 201*, 202*, 203*, 205*

RECOMMENDED COURSES FOR MUSIC EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MUS 111*	Music Theory I	4
- MUS 114	Sight Singing/Ear Training	1
- MUP 171-192	Applied Music (Lessons)	1
- MUP 201-231	Ensemble	1
- MUS 131	Class Piano	2
• Winter Quarter		
- MUS 112*	Music Theory I	4
- MUS 115	Sight Singing/Ear Training	1
- MUP 171-192	Applied Music Instruction	1
- MUP 201-231	Ensemble	1
- MUS 132	Class Piano	2
• Spring Quarter		
- MUS 113*	Music Theory I	4
- MUS 116	Sight Singing/Ear Training	1
- MUP 171-192	Applied Music Instruction	1
- MUP 201-231	Ensemble	1
- MUS 133	Class Piano	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MUS 211	Music Theory II	4
- MUS 214	Keyboard Harmony	2
- MUP 271-292	Applied Music Instruction	1
- MUP 201-231	Ensemble	1
• Winter Quarter		
- MUS 212	Music Theory II	4
- MUS 215	Keyboard Harmony	2
- MUP 271-292	Applied Music Instruction	1
- MUP 201-231	Ensemble	1
• Spring Quarter		
- MUS 213	Music Theory II	4
- MUS 216	Keyboard Harmony	2
- MUP 271-292	Applied Music Instruction	1
- MUP 201-231	Ensemble	1

* Indicates course is on the distribution list. See page 31 for guidelines.

Natural Resources At A Glance

Students interested in careers in natural resources, environmental technology, fisheries and wildlife, and wildland fire can pursue several different educational options, depending on their career goals. Students may see their Natural Resources program advisor for assistance in determining the option that best meets the student's needs.

Advising: Marcus Nichols (ext. 260)

ASSOCIATE OF APPLIED SCIENCE DEGREES AND CERTIFICATES

Students wishing to directly enter the workforce after their educational experience at TVCC should consider either a two year Associate of Applied Science Degree or a certificate program. These options are not designed to transfer to a four year institution, although some individual courses are transferable. Students wishing to transfer coursework should work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.

ASSOCIATE OF APPLIED SCIENCE DEGREES

Natural Resources

Natural Resources Wildland Fire

CERTIFICATES

Environmental Technician

Natural Resources Wildland Fire

ASSOCIATE OF SCIENCE DEGREES

Students planning to transfer to a four-year college or university in natural resources are advised to complete one of the Associate of Science Degrees in various areas of natural resources emphasis. Each Associate of Science Degree is closely articulated with natural resource departments at Oregon State University and/or University of Idaho.

Associate of Science degrees include specified general education courses, core natural resource courses and recommended electives, depending on the discipline emphasis. Students planning to transfer should follow the specified degree plan for the Associate of Science Degree they wish to pursue.

TVCC offers the following Associate of Science Degrees articulated with:

OREGON STATE UNIVERSITY

Natural Resources

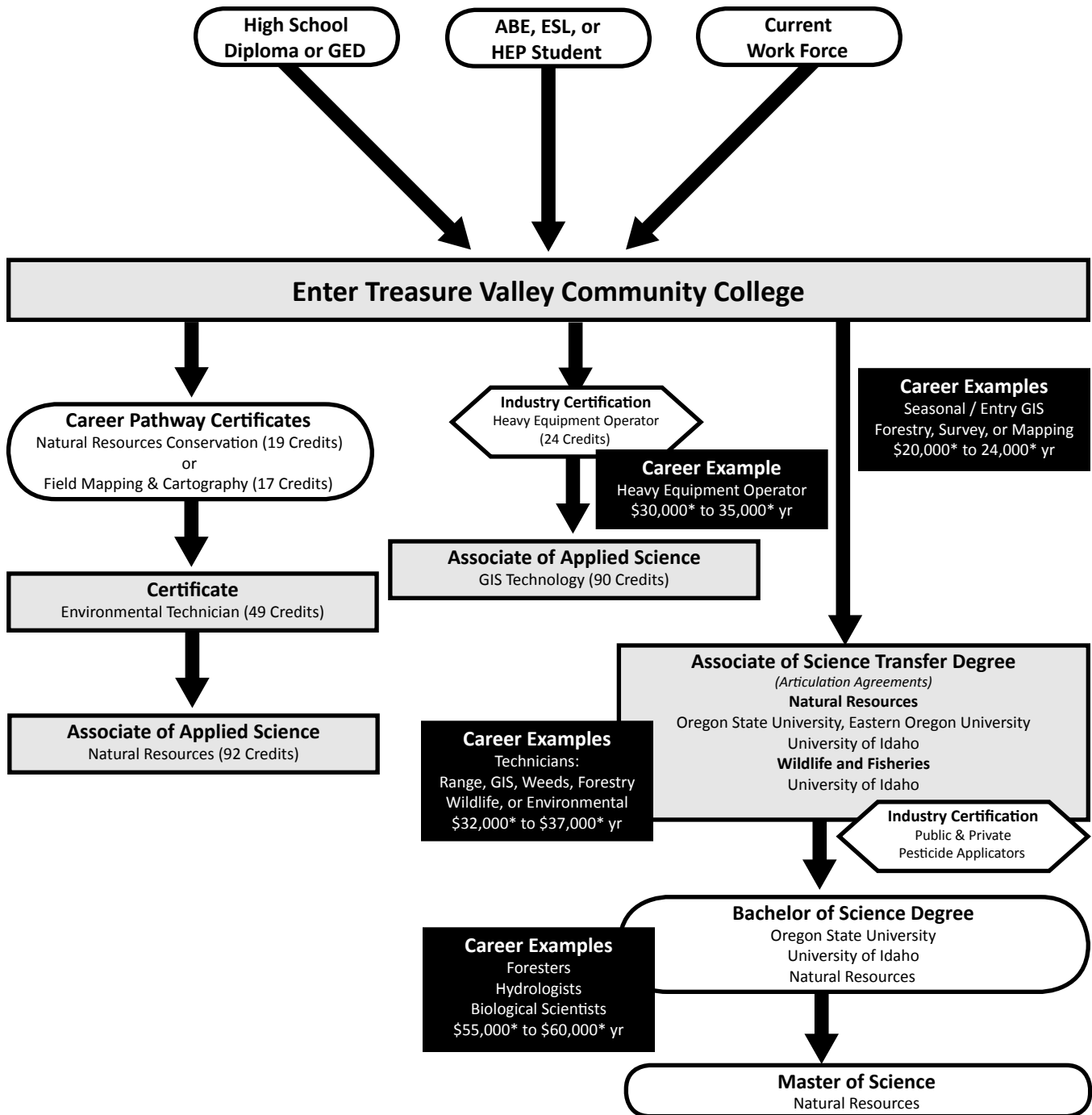
UNIVERSITY OF IDAHO

Natural Resources

Natural Resources Wildlife and Fisheries

Natural Resources Career Pathway Options

Department: Natural Resources
 Advising: Marcus Nichols (ext. 260)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

CARTOGRAPHY AND FIELD MAPPING TECHNICIAN

Career Pathway Certificate

Natural Resources Cartography and Field Mapping Technician CAREER PATHWAY CERTIFICATE

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

PROGRAM OVERVIEW

This Career Pathway Certificate prepares students for entry level work as an entry level work as a Field Mapping or GIS/GPS Technician with a focus on the natural resources industry. All courses in this Career Pathway may be transferred into the on-year Environmental Technician certificate or the Associate of Applied Science Degrees in either Natural Resources or Geographic Information Systems.

REQUIRED COURSES FOR CARTOGRAPHY AND FIELD MAPPING TECHNICIAN (15 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- NATR 105	Field Methods in Natural Resources.....	3
• Winter Quarter		
- NATR 140	Map Use and Analysis.....	4
- GEOG 265	Geographic Information Systems (GIS) I.....	3
• Spring Quarter		
- GEOG 285	Geographic Information Systems (GIS) II.....	3
- NATR 112	Global Positioning Systems (GPS)	2

Total Number of Credits in Certificate15

NATURAL RESOURCES

Associate of Applied Science Degree

Natural Resources

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

PROGRAM OVERVIEW

Successful completion of this degree program provides students with a broad base of skills related to a career in Natural Resources. The Natural Resources Associate of Applied Science degree program offers training in the areas of Invasive Species (Noxious Weeds); Range Management, and Forestry, as well as an introduction to GPS/GIS and Recreation and Wildlife. Successful graduates of this program may secure entry level positions as seasonal, temporary, or permanent employees for state and federal agencies, or private industry.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to specific programs at a four-year college or university. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a **minimum 2.0 grade point average** are needed to graduate.

LEARNING OUTCOMES

Students who complete the degree will be prepared to:

- Evaluate environments including - How succession works; Why plants and animals live where they do; How to manipulate habitats for desired results; and Understanding the hydrological cycle and how it affects natural resources.
- Utilize forestry equipment (relaskop, diameter tapes, cruiser sticks, levels, increment borers, and tapes).
- Locate a site using GPS, map reading, aerial photos, and the location of corners on the rectangular survey system.
- Identify noxious weeds, range plants, forest plants, and shrubs.
- Demonstrate the ability to apply multiple use concepts including grazing, recreation, and wildlife in public land management.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, NATR 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for Natural Resources classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

RELATED EDUCATION REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (6 credits)**
 - WR 101 Workplace Communications
 - SP 111 Fundamentals of Speech
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems

- **Human Relations Skills (4 credits)**
 - PSYC 101 Psychology of Human Relations
 - INED 156 Employment Strategies

REQUIRED COURSES FOR NATURAL RESOURCES (78 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- FWR 101	Natural Resource Seminar	1
- NATR 111	Intro to Natural Resources	5
- NATR 105	Field Methods in Natural Resources	3
- CS 120	Computer Concepts	4
• Winter Quarter		
- CSS 217	Pesticide Safety and Use	1
- GEOG 265	Geographic Information Systems (GIS) I	4
- NATR 221	Intro to Natural Resource Ecology	3
- NATR 140	Map Use and Analysis	4
• Spring Quarter		
- GEOG 285	Geographic Information Systems (GIS) II	4
- NATR 103	Applied Forest/Range Botany	3
- CSS 240	Intro to Noxious Weeds	3
- NATR 112	Global Positioning Systems (GPS)	2
• Summer Quarter		
- NATR 280	Natural Resources Work Experience	6

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- DRFT 167	Computer Aided Design I	4
- HPE 120	First Aid & CPR	2
- FOR 111	Introduction to Forestry	3
- NATR 106	Intro to Fire Effects	3
• Winter Quarter		
- NATR 101	S-130 Firefighter Training	1
- NATR 101	S-190 Intro to Fire Behavior	1
- NATR 101	I-100 Standards for Survival	1
- NATR 102	L-280 Followership to Leadership	2
- NATR 104	S-290 Intermediate Fire Behavior	3
- NATR 108	S-270 Basic Air Operations	2
- NATR 251	Recreation Resource Management	3
- NATR 252	Intro to Wildlife Management	3
• Spring Quarter		
- NATR 217	Intro to Watershed Management	3
- NATR 241	Intro to Range Management	4

Total Number of Credits in Degree90

Natural Resources Emphasis

ASSOCIATE OF SCIENCE TRANSFER DEGREE TO OREGON STATE UNIVERSITY

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

This degree fulfills many of the general education requirements for transfer to Oregon State University. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate. Oregon universities require students who graduated high school after 1997 to have either two years at the high school level or two terms at the college level of a second language at entry.

The following courses are recommended for students interested in pursuing a degree in Natural Resources at Oregon State University and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at Oregon State University.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (6 credits)**
 - WR 121, 122 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (27-30 CREDITS)

- **Literature and Arts: Choose one class from this area**
 - ART 101 Intro to Art
 - ENG 104, 105, 106 Intro to Literature
 - ENG 253, 254, 255 Survey of American Literature
 - MUS 201, 202, 203 Intro to Music & Its Literature
- **Western Culture: Choose one class from this area**
 - ENG 253, 254, 255 Survey of American Literature
 - HIST 101, 102, 103 History of Western Civilization
 - HIST 201, 202, 203 History of the United States
- **Social Processes:**
 - ECON 201, 202 Principles of Economics: Micro/Macro AND Choose one class from these areas
 - PSYC 201, 202 General Psychology
 - SOC 204, 206 General Sociology
- **Science/Math/Computer Science: Choose one sequence**
 - CHEM 121, 122, 123 General Chemistry
 - BIOL 211, 212, 213 Biology

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

- NATR 280 Cooperative Work Experience
- CSS 205 General Soils
- CS 120 Computer Concepts
- CSS 217 Pesticide and Safety Use

REQUIRED COURSES FOR NATURAL RESOURCES (51 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- FWR 101	Natural Resource Seminar	1
- NATR 111	Intro to Natural Resources	5
- NATR 105	Field Methods in Natural Resources	3
• Winter Quarter		
- NATR 140	Map Use and Analysis	4
- GEOG 265	Geographic Info Systems (GIS) I	4
- NATR 221	Intro to Natural Resources Ecology	3
• Spring Quarter		
- NATR 103	Applied Forest/Range Botany	3
- GEOG 285	Geographic Info Systems (GIS) II	4
- NATR 112	Global Positioning Systems (GPS)	2
- CSS 240	Intro to Noxious Weeds	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- NATR 106	Intro to Fire Effects	3
- FOR 111	Introduction to Forestry	3
• Winter Quarter		
- NATR 251	Recreation Resource Management	3
- NATR 252	Introduction to Wildlife Management	3
• Spring Quarter		
- NATR 217	Intro to Watershed Management	3
- NATR 241	Intro to Range Management	4

NATURAL RESOURCES

Associate of Science Transfer Degree to University of Idaho

Natural Resources Emphasis

ASSOCIATE OF SCIENCE TRANSFER DEGREE
TO UNIVERSITY OF IDAHO

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

This degree fulfills the general education block transfer to University of Idaho. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Natural Resources at University of Idaho and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at University of Idaho.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses. Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122 English Composition
 - WR 227 Technical Report Writing
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (33-36 CREDITS)

- **Arts and Letters: Choose any three classes**
 - ART 101 Intro to Art
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - ENG 104, 105, 106 Intro to Literature
 - ENG 201, 202, 203 Shakespeare
 - ENG 253, 254, 255 Survey of American Literature
 - HUMN 148, 149, 150 Intro to Humanities
- **Social Science: Choose four classes from**
 - Economics, History, Political Science, Psychology, Sociology
- **Science/Math/Computer Science: Choose one sequence**
 - CHEM 121, 122, 123 General Chemistry
 - BIOL 211, 212, 213 Biology

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

- NATR 280 Natural Resources Work Experience.
- CS 120 Computer Concepts
- CHEM 227 Organic Chemistry
- PHYS 201 General Physics

RECOMMENDED COURSES FOR NATURAL RESOURCES DEGREE (51 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- FWR 101	Natural Resource Seminar	1
- NATR 111	Intro to Natural Resources.....	5
- NATR 105	Field Methods in Natural Resources.....	3
• Winter Quarter		
- NATR 140	Map Use and Analysis.....	4
- GEOG 265	Geographic Info Systems (GIS) I.....	4
- NATR 221	Intro to Natural Resources Ecology.....	3
• Spring Quarter		
- NATR 103	Applied Forest/Range Botany	3
- NATR 112	Global Positioning Systems.(GPS)	2
- GEOG 285	Geographic Info Systems (GIS) II.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- NATR 106	Intro to Fire Effects	3
- FOR 111	Introduction to Forestry.....	3
• Winter Quarter		
- NATR 252	Intro to Wildlife Management	3
- NATR 251	Recreational Resource Management.....	3
• Spring Quarter		
- NATR 217	Intro to Watershed Management.....	3
- CSS 240	Intro to Noxious Weeds	3
- NATR 241	Intro to Range Management.....	4

Natural Resources Conservation CERTIFICATE

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

PROGRAM OVERVIEW

This Career Pathway Certificate prepares students for entry level, seasonal working in forestry, fish & game, fire, range, or invasive species, with a focus on the natural resources industry. All courses in this Career Pathway may be transferred into the on-year Environmental Technician certificate or the Associate of Applied Science Degrees in either Natural Resources or Geographic Information Systems.

REQUIRED COURSES FOR NATURAL RESOURCES CONSERVATION (19 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- FOR 111	Introduction to Forestry.....	3
• Winter Quarter		
- NATR 251	Recreation Resource Management	3
- NATR 252	Intro to Wildlife Management	3
• Spring Quarter		
- NATR 241	Intro to Range Management.....	4
- NATR 217	Intro to Watershed Management	3
- CSS 240	Intro to Noxious Weeds	3
Total Number of Credits in Certificate		19

NATURAL RESOURCES ENVIRONMENTAL TECHNICIAN

Certificate of Completion

Natural Resources Environmental Technician CERTIFICATE (PENDING STATE APPROVAL)

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

PROGRAM OVERVIEW

This certificate allows students to build fundamental knowledge in Natural Resources then customize their own education through three different concentrations. Students can choose from Field Mapping/Cartography and Natural Resource Conservation courses in order to create a customized program based on career goals. Successful graduates of this program may secure entry level positions as seasonal or temporary employees for state and federal agencies or private industry.

LEARNING OUTCOMES

Students who complete the Natural Resources Environmental Technician Certificate of Completion will be prepared to:

- Demonstrate knowledge of multiple natural resource career opportunities both academically and professionally.
- Demonstrate knowledge of regional natural sites, their accompanying wildlife, natural resources, and various management and conservation practices.
- Display general knowledge of rangeland resources, forest ecosystems, soil characteristics, regional plants, and ecological succession through practical lab work and written assessment.
- Navigate terrain with the use of aerial maps, GPS units, and topographical maps.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, NATR 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

RELATED EDUCATION REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (6 credits)**
 - WR 101 Workplace Communications
 - SP 111 Fundamentals of Speech
- **Computation Skills (3-4 credits)**
 - MATH 111 College Algebra *or*
 - AET 211 Engineering Problems(Math 111 recommended for students wishing to transfer)
- **Human Relations Skills (7 credits)**
 - INED 156 Employment Strategies
 - NATR 280 Cooperative Work Experience

CORE COURSES

Students are required to successfully pass all core courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- NATR 111	Intro to Natural Resources.....	5
- FWR 101	Natural Resources Seminar.....	1
- NATR 105	Field Methods in Natural Resources.....	3
- NATR 221	Intro to Natural Resources Ecology.....	3

Total Number of Credits in Core12

FOCUS ELECTIVES TO TOTAL 17 CREDITS

Students may customize coursework below to meet their individual educational needs, with instructor approval.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 211	College Biology	5
- FOR 111	Introduction to Forestry.....	3
• Winter Quarter		
- BIOL 212	College Biology	5
- GEOG 265	Geographic Information Systems (GIS) I	4
- NATR 140	Map Use and Analysis.....	4
- NATR 251	Recreation Resource Management	3
- NATR 252	Intro to Wildlife Management	3
• Spring Quarter		
- BIOL 213	College Biology	5
- CSS 240	Intro to Noxious Weeds	3
- AG 211	Survey & Construction	3
- GEOG 285	Geographic Information Systems (GIS) II	4
- NATR 103	Applied Forest/Range Botany	3
- NATR 112	Global Positioning Systems (GPS)	2
- NATR 217	Intro to Watershed Management	3
- NATR 241	Intro to Range Management.....	4

Total Number of Credits in Certificate45

NATURAL RESOURCES WILDLAND FIRE

Certificate of Completion

Natural Resources Wildland Fire CERTIFICATE

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

The Wildland Fire certificate prepares students for entry level seasonal jobs in fire-fighting for the Bureau of Land Management and the U.S. Forest Service, and other public and private agencies that manage firefighting on public lands. During summer quarter students can incorporate required NATR 280 (Cooperative Work Experience) with the work they are doing in the field. Students should make appropriate arrangements with their program advisor.

All courses in this certificate may be transferred into the Natural Resources Wildland Fire Associate of Applied Science Degree. A minimum **grade point average of 2.0** is required to obtain the certificate.

LEARNING OUTCOMES

Students who complete the Certificate of Completion will be prepared to:

- Identify the primary factors involved in the start and spread of wildfires.
- Demonstrate proper use of fire equipment and fire suppression techniques, including self-protection, for fighting forest and range wild fires.
- Correctly locate a site using GPS, Map Reading Aerial Photos and the location of corners on the rectangular survey system.

RELATED EDUCATION REQUIREMENTS (18 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (6 credits)**
 - WR 101 Workplace Communications
 - SP 111 Fundamentals of Speech
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (9 credits)**
 - INED 156 Employment Strategies
 - NATR 280 Cooperative Work Experience
 - NATR 102 L-280 Followership to Leadership

REQUIRED COURSES FOR WILDLAND FIRE CERTIFICATE (39 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- FWR 101	Natural Resources Seminar	1
- NATR 105	Field Methods in Natural Resources	3
- FOR 111	Introduction to Forestry.....	3
- NATR 106	Intro to Fire Effects	3
• Winter Quarter		
- NATR 140	Map Use and Analysis.....	4
- NATR 101	S-130 Firefighter Training	1
- NATR 101	S-190 Intro to Fire Behavior	1
- NATR 101	L-100 Standards for Survival	1
- NATR 102*	L-280 Followership to Leadership	2
- GEOG 265	Geographic Information Systems (GIS) I	4
• Spring Quarter		
- NATR 103	Applied Forest/Range Botany	3
- NATR 112	Geographic Positioning Systems (GPS)	2
- NATR 104	S-290 Intermediate Fire Behavior	3
- NATR 107	S-260 Interagency Incident Business Mgmt.....	2
- CSS 240	Noxious Weeds	3
- NATR 108	S-270 Basic Air Operations	2
• Summer Quarter		
- NATR 280*	Natural Resources Coop Work Experience	6

*These courses are part of Related Education Requirements.

Total Number of Credits in Certificate54

NATURAL RESOURCES WILDLAND FIRE

Associate of Applied Science Degree

Natural Resources Wildland Fire

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

PROGRAM OVERVIEW

This program prepares students for positions on fire crews including crew boss or member of the heli-tech team, with the Bureau of Land Management, the U.S. Forest Service, or other public and private agencies that manage firefighting on public lands. Students who pursue the degree are encouraged to obtain work as a beginning firefighter and to enroll for credit in NATR 280 (Cooperative Work Experience) in the summer between the freshman and sophomore years. The experience gained during the summer will be counted toward experience required by the hiring agencies and will give students an opportunity to obtain more advanced positions such as crew boss or helicopter tech team member.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum **grade point average of 2.0** are needed to graduate.

LEARNING OUTCOMES

Students who complete the Natural Resources Wildland Fire Associate of Applied Science program will be prepared to:

- Identify the primary factors involved in the start and spread of wildfires.
- Demonstrate proper use of fire equipment and fire suppression techniques, including self-protection, for fighting forest and range wild fires.
- Correctly locate a site using GPS, Map Reading Aerial Photos and the location of corners on the rectangular survey system.
- Apply knowledge of firefighting and fire suppression and abatement behavior to make tactical decisions when confronting wild land fires that threaten lives, property and improvements in the wild land/urban interface. Includes size-up, initial strategy, structure triangle, tactics, action assessment, public relations, communications, mop up and follow up.
- Demonstrate the ability to assume leadership roles such as crew boss, engine boss, or squad boss.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, NATR 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

RELATED EDUCATION REQUIREMENTS (13 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (6 credits)**
 - WR 101 Business Communications

- SP 111 Fundamentals of Speech
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (4 credits)**
 - PSYC 101 Human Relations
 - INED 156 Employment Strategies

RECOMMENDED ELECTIVES (MINIMUM 9 CREDITS)

Students should meet with their advisor for a list of suggested electives.

REQUIRED COURSES FOR WILDLAND FIRE DEGREE (79 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- FWR 101	Natural Resource Seminar	1
- NATR 111	Intro to Natural Resources	5
- NATR 105	Field Methods in Natural Resources.....	3
• Winter Quarter		
- NATR 140	Map Use and Analysis.....	4
- NATR 101	S-130 Firefighter Training	1
- NATR 101	L-180 Human Factors	1
- NATR 101	S-190 Intro to Fire Behavior.....	1
- NATR 221	Natural Resource Ecology	3
• Spring Quarter		
- NATR 103	Applied Forest/Range Botany	3
- NATR 241	Intro to Range Management	4
- CSS 240	Intro to Noxious Weeds	3
• Summer Quarter		
- NATR 280	Cooperative Work Experience	6

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CSS 205	General Soils	3
- HPE 120	First Aid & CPR.....	2
- FOR 111	Introduction to Forestry.....	3
- NATR 106	Intro to Fire Effects	3
• Winter Quarter		
- NATR 252	Intro to Wildlife Management	3
- NATR 102	L-280 Followership to Leadership	2
- NATR 104	S-290 Intermediate Fire Behavior	3
- NATR 107	S-260 Interagency Incident Business Mgmt.	2
- NATR 108	S-270 Basic Air Operations	2
- GEOG 265	Geographic Information Systems (GIS) I.....	4
• Spring Quarter		
- NATR 112	Global Positioning Systems (GPS)	2
- NATR 202	Wildland Fire Chain Saws.....	2
- NATR 203	S-211 Portable Pumps & Water Use	2
- NATR 115	S-230 Crew Boss - Single Resource	2
- NATR 117	S-231 Engine Boss - Single Resource.....	1
- NATR 121	S-131 Squad Boss.....	1
- HPE 295	Health/Fitness for Life	3
- GEOG 285	Geographic Information Systems (GIS) II	4

Total Number of Credits in Degree101

NATURAL RESOURCES WILDLIFE AND FISHERIES

Associate of Science Transfer Degree to University of Idaho

Natural Resources Wildlife and Fisheries Emphasis

ASSOCIATE OF SCIENCE DEGREE TRANSFER TO UNIVERSITY OF IDAHO

Department: Natural Resources
Advising: Marcus Nichols (ext. 260)

This degree fulfills the general education block transfer to University of Idaho. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Wildlife and Fisheries at University of Idaho and include all requirements for the Associate of Science degree. **Students who wish to transfer are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at University of Idaho.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122 English Composition
 - WR 227 Technical Report Writing
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (34 CREDITS)

- **Arts and Letters: Choose any three classes**
 - ART 101 Intro to Art
 - MUS 201, 202, 203 Intro to Music & Its Literature
 - ENG 104, 105, 106 Intro to Literature
 - ENG 201, 202, 203 Shakespeare
 - ENG 253, 254, 255 Survey of American Literature
 - HUMN 148, 149, 150 Intro to Humanities
- **Social Science: Choose four classes from**
 - Economics, History, Political Science, Psychology, Sociology
- **Science: Complete sequence**
 - BIOL 211, 212, 213 Biology

DIVERSITY REQUIREMENT

One course, selected from the list on page 32, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

- CHEM 121, 122 General Chemistry
- CHEM 227 Organic Chemistry
- GEOL 201, 202 Physical Geology
- PHYS 201 General Physics
- MATH 243 Probability and Statistics
- NATR 103 Applied Forest/Range Botany
- NATR 106 Intro to Fire Effects
- NATR 280 Natural Resources Work Experience
- CS 120 Computer Concepts

RECOMMENDED COURSES FOR WILDLIFE AND FISHERIES EMPHASIS (48 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- FWR 101	Natural Resources Seminar.....	1
- NATR 111	Intro to Natural Resources.....	5
- NATR 105	Field Methods in Natural Resources.....	3
• Winter Quarter		
- NATR 140	Map Use & Analysis.....	4
- GEOG 265	Geographic Information Systems (GIS) I.....	4
- NATR 221	Intro to Natural Resources Ecology.....	3
• Spring Quarter		
- NATR 112	Global Positioning Systems (GPS).....	2
- GEOG 285	Geographic Information Systems (GIS) II.....	4
- CSS 240	Intro to Noxious Weeds.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CSS 205	General Soils.....	3
- FOR 111	Introduction to Forestry.....	3
• Winter Quarter		
- NATR 252	Intro to Wildlife Management.....	3
- NATR 251	Recreational Resource Management.....	3
• Spring Quarter		
- NATR 217	Intro to Watershed Management.....	3
- NATR 241	Intro to Range Management.....	4

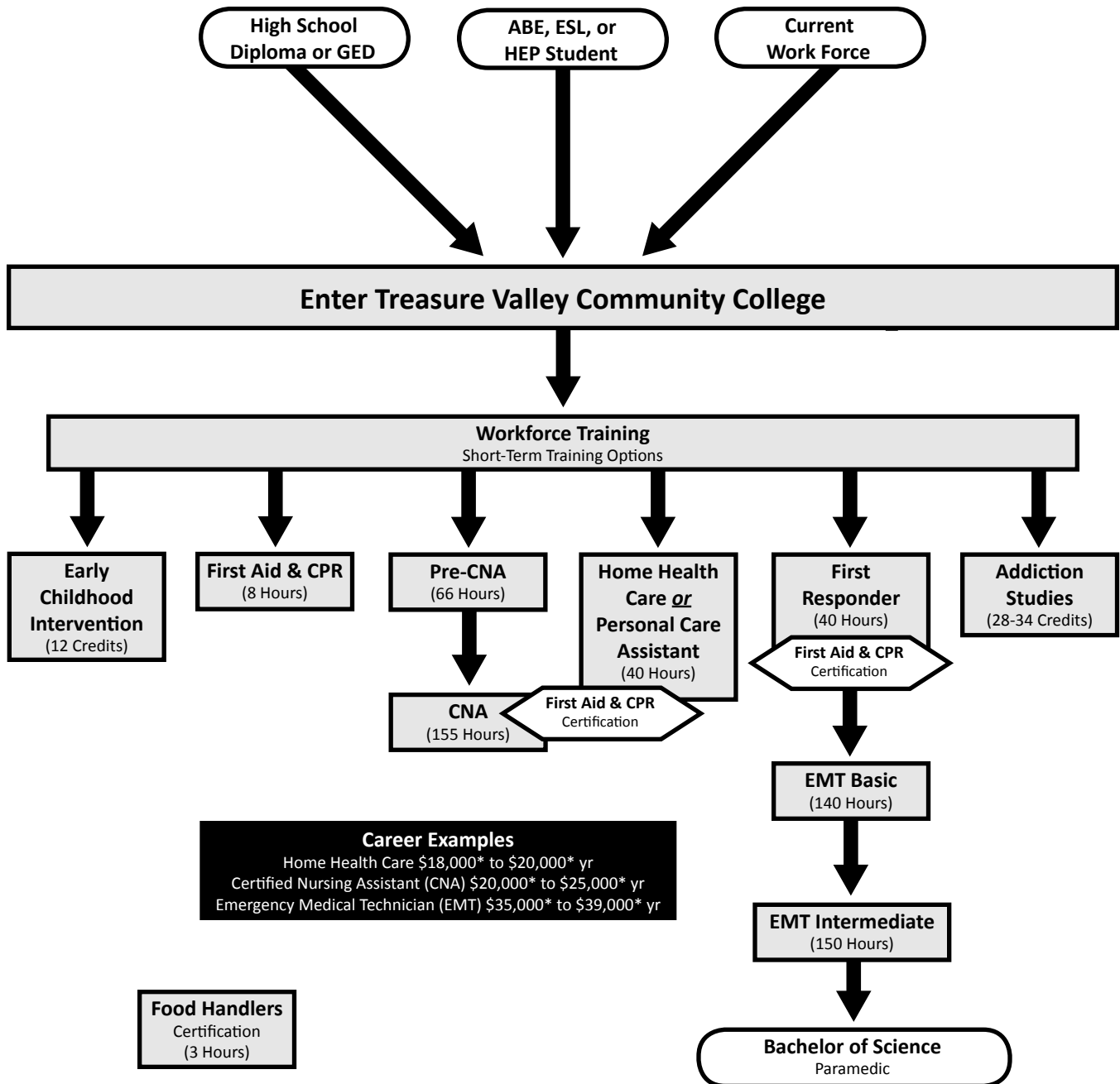
Health Occupations Career Pathway Options

Department: Nursing

Department Chair: Maureen McDonough (ext. 345)

Nursing Advisors: Nursing Faculty (ext. 290 or 291)

Workforce Training: Linda Simmons (ext. 358)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

Nursing

PROGRAM OVERVIEW AND PRE-ACCEPTANCE COURSE REQUIREMENTS

Department: Nursing

Department Chair: Maureen McDonough

Advising: Nursing Faculty (ext. 345, 290)

PROGRAM OVERVIEW

The college offers a career ladder nursing curriculum that allows a student to exit upon successful completion of the first year, prepared to take the licensing examination for Practical Nursing (LPN). Successful completion of second year requirements allows the student to graduate with an Associate of Applied Science Degree in Nursing (RN) and to take the National Council Licensing Examination for Registered Nurses (NCLEX-RN).

Graduates completing the Associate of Applied Science Degree in Nursing (RN) may qualify for admission into Baccalaureate programs. However, transfer of credits is the prerogative of the Baccalaureate institution.

TVCC's nursing program is accredited by the Oregon State Board of Nursing. It provides a balance between general education (Social/Biological Science, Humanities) and nursing content. Students participate in learning theory and nursing skills in the classroom and campus laboratory as well as in community health care facilities.

The program has a state-of-the-art simulation laboratory where highly skilled faculty incorporate this new learning modality to enhance the academic and clinical experience of students.

PROGRAM ADMISSION

The nursing program is a restricted entry program. Students must apply for admission and meet the college and program criteria before being considered for acceptance. Specific nursing program requirements are available on the TVCC website. Application packets may be obtained in the Nursing Department office after January 1. Notification is made in May for students who will enter first year nursing classes in September or second year classes in June. All admitted students must pass a criminal background check and physical examination prior to entering the program.

Prospective students must attend a Nursing Program information session before beginning the advising and registration process and should call the Nursing Department at (ext. 289) for available dates and times. Students must be officially admitted to the Nursing Program before they may enroll in any nursing courses (NURS 101, etc).

ADVANCED PLACEMENT

As space permits, qualified LPN's may be admitted to the second year of the nursing program beginning with summer quarter (NURS 200). The candidate must have graduated from an accredited program with a 3.00 grade point average in nursing courses, have completed all of the first year general education requirements of the TVCC Nursing Program with a minimum GPA of 2.70 (no grade below a "C"), and be licensed in Oregon as a practical nurse. Preadmission testing is required. Evaluation of clinical skills may be required. Interested students should contact the Nursing Department for advising prior to application.

NOTE: Pre-nursing students are also strongly encouraged to be certified as Nursing Assistants in either Oregon or Idaho. Speak to your advisor for more information about TVCC's Nursing Assistant program.

PRE-NURSING COURSE REQUIREMENTS (43 CREDITS)

Pre-Nursing students are encouraged to take the following general education courses prior to application for admission to the Nursing Program.

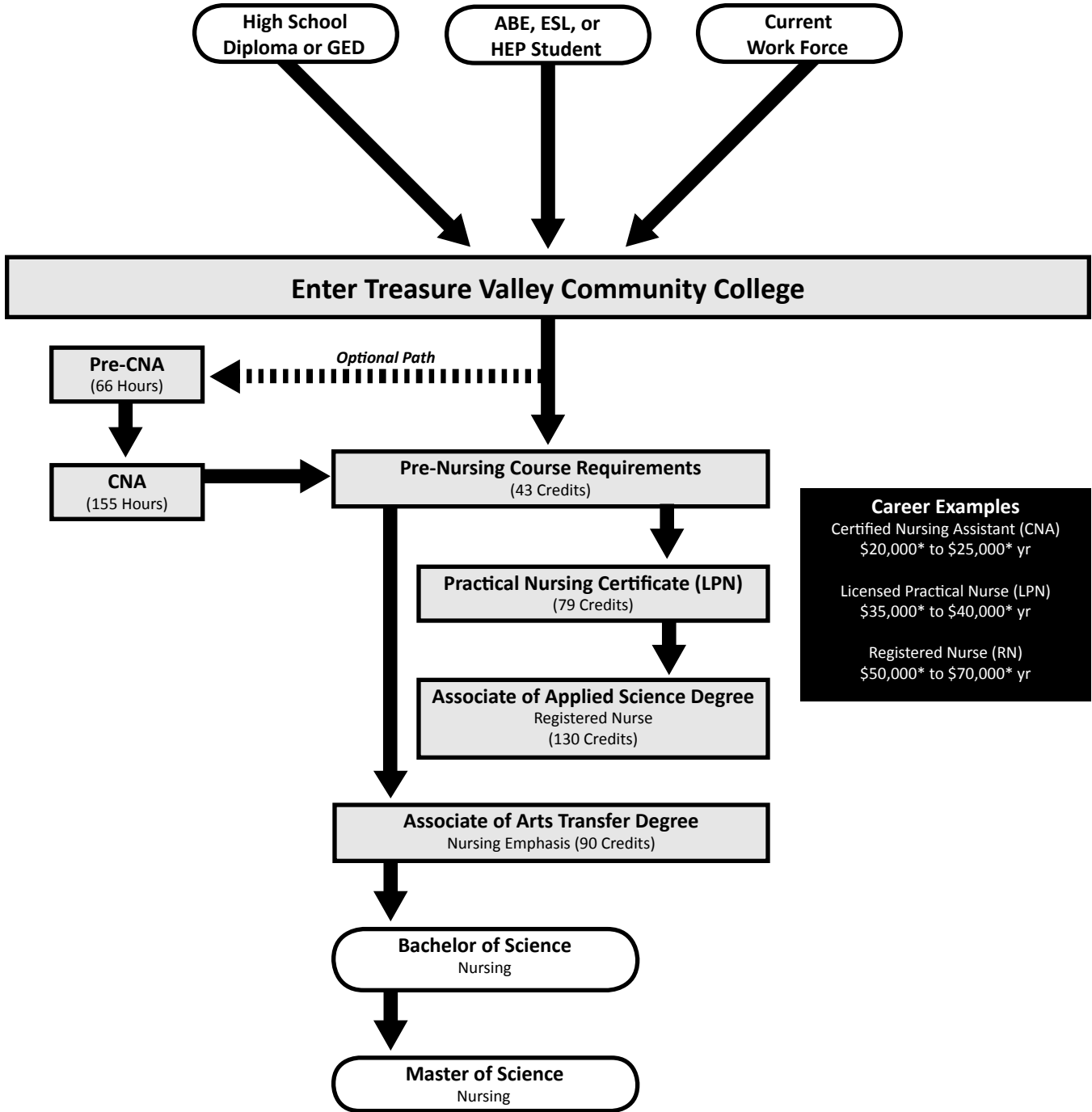
- MATH 95 or above must be completed with a minimum grade of "C" BY THE APPLICATION DEADLINE.
- WR 121, WR 122 English Composition and
- WR 123 English Composition or
- SP 111 Fundamentals of Speech or
- SP 219 Small Group Discussion
- PSYC 201 or 202 or 203 General Psychology
- BIOL 231, 232, 233 Anatomy & Physiology
- BIOL 234 Microbiology
- FNUT 225 Nutrition

- **A minimum of six credits from two of the following:**

- ETHN 101, 102, 103 Ethnic Studies
- ANTH 110 Cultural Anthropology
- SOC 204, 205, 206 Sociology
- PSYC 235, 236, 237 Human Growth and Development
- CS Any college level computer course

Nursing Career Pathway Options

Department: Nursing
 Department Chair: Maureen McDonough (ext. 345)
 Nursing Advisors: Nursing Faculty (ext. 290 or 291)
 Workforce Training: Linda Simmons (ext. 358)



Career Examples
 Certified Nursing Assistant (CNA)
 \$20,000* to \$25,000* yr
 Licensed Practical Nurse (LPN)
 \$35,000* to \$40,000* yr
 Registered Nurse (RN)
 \$50,000* to \$70,000* yr

* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

**Practical Nursing
CERTIFICATE OF COMPLETION
(PROGRAM YEAR 1)**

LEARNING OUTCOMES

- Apply facts and principles from biophysical/psychosocial sciences in the care of individuals in various stages of the life cycle with stable health conditions
- Apply the nursing process in the delivery of care to the stable patient
- Effectively communicate in the care of stable patients of diverse cultural backgrounds
- Demonstrate organizational skills in caring for patients with stable conditions
- Utilize and apply principles of teaching health promotion to patients with stable conditions
- Accept responsibility for learning in situations involving patients with stable conditions
- Demonstrate ethical/legal/professional responsibility in healthcare

**REQUIRED COURSES FOR PRACTICAL NURSING
CERTIFICATE (LPN) (18 CREDITS NOT INCLUDING
PRE-NURSING COURSE REQUIREMENTS)**

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Summer Quarter		
- BIOL 231*	Anatomy and Physiology	4
- BIOL 232*	Anatomy and Physiology	4
• Fall Quarter		
- WR 121*	English Composition	3
- BIOL 233*	Anatomy and Physiology	4
- NURS 101	Nursing I	10
- NURS 198	A.V. Learning Lab	1-2
• Winter Quarter		
- BIOL 234*	Microbiology	4
- NURS 102	Nursing II	10
- NURS 198	A.V. Learning Lab.....	1-2
- PSYC*	General Psychology 201, 202 or 203.....	3
• Spring Quarter		
- NURS 103	Nursing III	10
- NURS 198	A.V. Learning Lab	1-2
- WR 122*	English Composition	3

Upon completion of all four quarters described above, the student is eligible to write the National Council Licensing Examination for Practical Nursing (NCLEX-PN). To progress to the second year to obtain an associate degree, a cumulative GPA of 2.70 in general education courses and a 3.00 in nursing courses is required.

* Pre-Nursing Course Requirements.

Total Number of Credits in Certificate63

**Registered Nurse
ASSOCIATE OF APPLIED SCIENCE DEGREE
(PROGRAM YEAR 2)**

LEARNING OUTCOMES

- Integrate facts and principles from biophysical/psychosocial sciences in the care of a group of patients in various stages of the life cycle
- Integrate the nursing process in providing care to a group of patients with complex conditions
- Effectively communicate in a self-directed manner in the care and management of a group of patients with diverse cultural backgrounds in a variety of healthcare settings
- Demonstrate management skills in caring for a group of patients with complex conditions
- Integrate principles of teaching health promotion to a group of patients
- Accept responsibility for learning in situations involving care of a group of patients
- Demonstrate ethical/legal/professional standards

**REQUIRED COURSES FOR REGISTERED NURSE (RN)
DEGREE/ADVANCED PLACEMENT ENTRY
(53 CREDITS)**

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Summer Quarter		
- FNU225*	Nutrition	4
- NURS 200	Role Development	5
• Fall Quarter		
- NURS 201	Nursing IV	9
- NURS 198	A.V. Learning Lab	1-2
- PHRC 211	Pharmacodynamics	2
- WR 123*	English Composition <u>or</u>	
- SP 111*	Fundamentals of Speech <u>or</u>	
- SP 219*	Small Group Discussion	3
• Winter Quarter		
- NURS 202	Nursing V	9
- NURS 198	A.V. Learning Lab	1-2
- PHRC 212	Pharmacodynamics	2
- Elective**	See Advisor for List	3-4
• Spring Quarter		
- NURS 203	Nursing VI	10
- NURS 198	A.V. Learning Lab	1-2
- Elective	See Advisor for List	3-4

* Pre-Nursing Course Requirements.

Total Number of Credits in Degree116

NURSING

Associate of Arts Transfer Degree

Nursing Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Nursing

Department Chair: Maureen McDonough

Advising: Nursing Faculty (ext. 345, 290)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Nursing at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Nursing emphasis fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR NURSING EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CHEM 104*	Survey of Chemistry	4
- PSYC 201*	General Psychology.....	3
• Winter Quarter		
- CHEM 105*	Survey of Chemistry	4
- PSYC 235*	Intro to Human Development I.....	3
• Spring Quarter		
- BIOL 101*	General Biology.....	4
- CHEM 106*	Survey of Chemistry	4
- PSYC 236*	Intro to Human Development II.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 231*	Anatomy & Physiology	4
- FNUT 225*	Nutrition	4
• Winter Quarter		
- BIOL 234*	Microbiology	4
- MATH 243*	Probability and Statistics	4
- BIOL 232*	Human Anatomy & Physiology	4
• Spring Quarter		
- MATH 244*	Probability and Statistics	4
- BIOL 233*	Human Anatomy & Physiology	4

* Indicates course is on the distribution list. See page 31 for guidelines.

Office Administration At A Glance

Students interested in careers in general, legal, or medical office administration can pursue several different educational options, depending on a student's career goals. Students may see the office administration program advisor for assistance in determining the option that best meets the student's needs.

Advising: Ina Syphers (ext. 230)

ASSOCIATE OF APPLIED SCIENCE DEGREES AND CERTIFICATES

Students wishing to directly enter the workforce after their educational experience at TVCC should consider either a two year Associate of Applied Science Degree or a one year certificate. These options are not designed to transfer to a four year institution, although some individual courses are transferable. Students wishing to transfer coursework should work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.

ASSOCIATE OF APPLIED SCIENCE DEGREES

Office Administration

Legal Office Administration

Medical Office Administration

Medical Transcription

CERTIFICATES

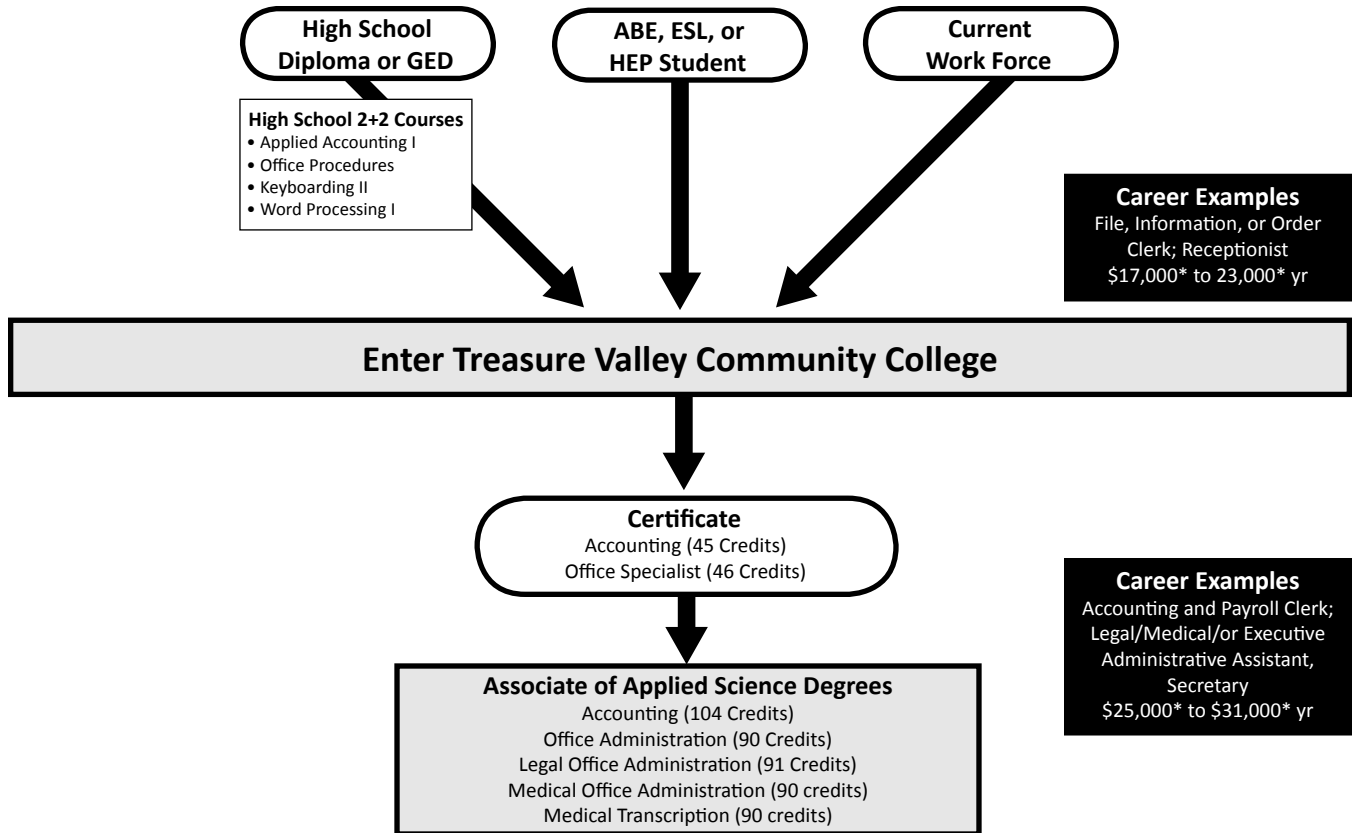
Office Specialist

Office Administration Pathway Options

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Ina Syphers (ext. 230)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

Legal Office Administration

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Business
Department Chair: Dr. Wes Tucker (ext. 224)
Advising: Ina Syphers (ext. 230)

PROGRAM OVERVIEW

This program prepares students for a career in a legal office. The program provides solid groundwork in legal office procedures, foundation office skills, legal terminology and concepts, and computer training.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum **grade point average of 2.0** are needed to graduate.

LEARNING OUTCOMES

Students who complete the Legal Office Administration Associate of Applied Science Degree will be prepared to:

- Compose well-organized written and oral presentations using a style that clearly integrates the purpose of the communication.
- Apply appropriate mathematical skills for problem solving and analyze information presented in a variety of formats using both manual systems and computer software.
- Use applied technology to support business functions utilizing computer software programs to include word processing, spreadsheets, databases, presentation programs, email, and the Internet.
- Use critical and creative thinking skills to solve business problems with the ability to propose logical solutions that are clear and concise.
- Apply ethical standards as they relate to business dealings.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, OA 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for office administration classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

RELATED EDUCATION REQUIREMENTS (22 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Writing Skills (12 credits)**
 - BA 214 Business Communication
 - WR 121, 122 English Composition
 - WR 227 Technical Report Writing

- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Computation Skills (4 credits)**
 - BA 104 Business Math
- **Human Relations Skills (3 credit)**
 - BA 204 Teamwork Dynamics

REQUIRED COURSES FOR LEGAL OFFICE ADMINISTRATION (69 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 131	Intro to Business Computing	4
- OA 116	Office Procedures	3
- OA 201	Word Processing Procedures I	3
• Winter Quarter		
- OA 122	Keyboarding II	3
- BA 101	Intro to Business	4
- BA 226	Business Law I	3
• Spring Quarter		
- OA 225	Machine Transcription	3
- OA 240	Records Management	3
- OA 202	Word Processing Procedures II	3
- BA 227	Business Law II	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 200	Applied Accounting I or	
- BA 211	Principles of Accounting I	4
- CS 125 SS	Spreadsheet Applications	4
• Winter Quarter		
- CS 125 A	Database Applications	4
- OA 280	Cooperative Work Experience	2
- OA 226	Advanced Machine Transcription	3
- CJ 220	Criminal Law	3
- OA 131	Legal Procedures I	3
• Spring Quarter		
- BA 228	Computer-Assisted Accounting	3
- OA 290	Integrated Office Applications	3
- OA 280	Cooperative Work Experience	2
- CJ 222	Procedural Law	3
- OA 132	Legal Procedures II	3

Total Number of Credits in Degree91

MEDICAL OFFICE ADMINISTRATION

Associate of Applied Science Degree

Medical Office Administration

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Ina Syphers (ext. 230)

PROGRAM OVERVIEW

This program prepares students for a career in a medical office. The Medical Office Administration program provides solid groundwork in medical office procedures, foundation office skills, medical terminology, medical billing, coding, transcription, and computer training. Medical coursework provides a wide background from an introductory medical billing course to an advanced medical transcription course. The student entering this program is preparing for immediate employment in a medical office environment to include hospitals, clinics, and doctors' offices.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum **grade point average of 2.0** are needed to graduate.

LEARNING OUTCOMES

Students who complete the Medical Office Associate of Applied Science Degree will be prepared to:

- Compose well-organized written and oral presentations using a style that clearly integrates the purpose of the communication.
- Apply appropriate mathematical skills for problem solving and analyze information presented in a variety of formats using both manual systems and computer software.
- Use applied technology to support business functions utilizing computer software programs to include word processing, spreadsheets, databases, presentation programs, email, and the Internet.
- Use critical and creative thinking skills to solve business problems with the ability to propose logical solutions that are clear and concise.
- Apply ethical standards as they relate to business dealings.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, OA 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for office administration classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

RELATED EDUCATION REQUIREMENTS (16 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Writing Skills (6 credits)**
 - WR 121 Intro to College Writing
 - BA 214 Business Communication
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Computation Skills (4 credits)**
 - BA 104 Business Math
- **Human Relations Skills (3 credit)**
 - BA 204 Teamwork Dynamics

REQUIRED COURSES FOR MEDICAL OFFICE ADMINISTRATION (74 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 131	Intro to Business Computing	4
- OA 116	Office Procedures	3
- OA 201	Word Processing Procedures I	3
- GSCI 161	Medical Terminology I	3
• Winter Quarter		
- OA 122	Keyboarding II	3
- BA 101	Intro to Business	4
- HPE 120	First Aid & CPR	2
- BA 226	Business Law I	3
• Spring Quarter		
- OA 225	Machine Transcription	3
- OA 240	Records Management	3
- OA 202	Word Processing Procedures II	3
- CS 125 SS	Spreadsheet Applications	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 200	Applied Accounting I or	4
- BA 211	Principles of Accounting I	4
- MREC 210	Medical Billing I	3
• Winter Quarter		
- BA 201	Applied Accounting II or	4
- BA 212	Principles of Accounting II	4
- MREC 116	Medical Office Procedures	3
- CS 125 A	Database Applications	4
- MREC 211	Medical Billing II	3
• Spring Quarter		
- BA 202	Applied Accounting III or	4
- BA 213	Principles of Accounting III	4
- BA 228	Computer-Assisted Accounting	3
- OA 290	Integrated Office Applications	3
- OA 226	Advanced Machine Transcription	3
- OA 280	Cooperative Work Experience	2

Total Number of Credits in Degree90

Medical Transcription

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Business
Department Chair: Dr. Wes Tucker (ext. 224)
Advising: Ina Syphers (ext. 230)

PROGRAM OVERVIEW

This program prepares students for a career as a Medical Transcriptionist in hospitals, clinics, and doctor's offices. The program provides solid groundwork in medical terminology, anatomy and physiology, transcription, and computer applications.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum **grade point average of 2.0** are needed to graduate.

LEARNING OUTCOMES

Students who complete the Medical Transcription Associate of Applied Science Degree will be prepared to:

- Compose well-organized written and oral presentations using a style that clearly integrates the purpose of the communication.
- Apply appropriate mathematical skills for problem solving and analyze information presented in a variety of formats using both manual systems and computer software.
- Use applied technology to support business functions utilizing computer software programs to include word processing, spreadsheets, databases, presentation programs, email, and the Internet.
- Use critical and creative thinking skills to solve business problems with the ability to propose logical solutions that are clear and concise.
- Apply ethical standards as they relate to business dealings.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, OA 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for office administration classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

RELATED EDUCATION REQUIREMENTS (16 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Writing Skills (6 credits)**
 - WR 121 English Composition
 - BA 214 Business Communication

- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Computation Skills (4 credits)**
 - BA 104 Business Math
- **Human Relations Skills (3 credit)**
 - BA 204 Teamwork Dynamics

ELECTIVES (3 CREDITS)

Students should meet with their Medical Transcription advisor for a list of suggested electives.

REQUIRED COURSES FOR MEDICAL TRANSCRIPTION DEGREE (71 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- GSCI 161	Medical Terminology I	3
- BIOL 101	General Biology.....	4
- BA 131	Intro to Business Computing	4
- OA 122	Keyboarding II	3
• Winter Quarter		
- OA 201	Word Processing Procedures I	3
- CHEM 104	Survey of Chemistry	4
- OA 226	Advanced Machine Transcription	3
- MREC 116	Medical Office Procedures.....	3
• Spring Quarter		
- OA 240	Records Management	3
- OA 202	Word Processing Procedures II	3
- HPE 120	First Aid & CPR	2
- MREC 110	Medical Transcription I	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 231	Human Anatomy and Physiology	4
- BIOL 234	Microbiology.....	4
• Winter Quarter		
- BIOL 232	Human Anatomy and Physiology	4
- OA 280	Cooperative Work Experience	3
- MREC 111	Medical Transcription II	3
- MREC 120	Surgical Transcription.....	3
• Spring Quarter		
- BIOL 233	Human Anatomy and Physiology	4
- MREC 125	Cardiology Transcription	1
- MREC 126	Gastrointestinal Transcription.....	1
- MREC 127	Orthopedic Transcription	1
- MREC 128	Pathology Transcription	1
- MREC 129	Radiology Transcription	1
- OA 280	Cooperative Work Experience	3

Total Number of Credits in Degree90

OFFICE ADMINISTRATION

Associate of Applied Science Degree

Office Administration

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Business
Department Chair: Dr. Wes Tucker (ext. 224)
Advising: Ina Syphers (ext. 230)

PROGRAM OVERVIEW

This program prepares students for a career in office administration. Students completing this program will be prepared for immediate employment in administrative support positions in both public and private organizations. Job duties may include providing, directing, and coordinating administrative office services. Students will have the opportunity to learn and get practical experience in application of a wide variety of office skills. This includes developing up-to-date knowledge and skills in office technologies.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum **grade point average of 2.0** are needed to graduate.

LEARNING OUTCOMES

- Students who complete the Office Administration Associate of Applied Science Degree will be prepared to:
- Compose well-organized written and oral presentations using a style that clearly integrates the purpose of the communication.
 - Apply appropriate mathematical skills for problem solving and analyze information presented in a variety of formats using both manual systems and computer software.
 - Use applied technology to support business functions utilizing computer software programs to include word processing, spreadsheets, databases, presentation programs, email, and the Internet.
 - Use critical and creative thinking skills to solve business problems with the ability to propose logical solutions that are clear and concise.
 - Apply ethical standards as they relate to business dealings.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, OA 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for office administration classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

RELATED EDUCATION REQUIREMENTS (16 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Writing Skills (6 credits)**
 - WR 121 English Composition
 - BA 214 Business Communication
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Computation Skills (4 credits)**
 - BA 104 Business Math
- **Human Relations Skills (3 credit)**
 - BA 204 Teamwork Dynamics

ELECTIVES (14 CREDITS)

Students should meet with their Office Administration advisor for a list of suggested electives.

REQUIRED COURSES FOR OFFICE ADMINISTRATION (60 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 131	Intro to Business Computing	4
- OA 116	Office Procedures	3
- OA 122	Keyboarding II	3
• Winter Quarter		
- BA 101	Introduction to Business.....	4
- OA 201	Word Processing Procedures I	3
• Spring Quarter		
- OA 225	Machine Transcription	3
- OA 240	Records Management	3
- CS 125 SS	Spreadsheet Applications	4
- OA 202	Word Processing Procedures II	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 200	Applied Accounting I or	4
- BA 211	Principles of Accounting I	
• Winter Quarter		
- BA 201	Applied Accounting II or	4
- BA 212	Principles of Accounting II	
- BA 226	Business Law I	3
- CS 125 A	Database Applications	4
- OA 280	Cooperative Work Experience	2
• Spring Quarter		
- BA 202	Applied Accounting III or	4
- BA 213	Principles of Accounting III	
- BA 227	Business Law II	3
- BA 228	Computer-Assisted Accounting	3
- OA 290	Integrated Office Applications	3

Total Number of Credits in Degree90

Office Specialist PATHWAY CERTIFICATE

Department: Business

Department Chair: Dr. Wes Tucker (ext. 224)

Advising: Ina Syphers (ext. 230)

The one-year Office Specialist certificate prepares students for entry level employment in an office environment.

All courses in this certificate can be applied to any of the two-year Office Administration Associate of Applied Science degree programs. A minimum **grade point average of 2.0** is required to obtain the certificate.

LEARNING OUTCOMES

Students who complete the Office Specialist Certificate will be prepared to:

- Compose well-organized written and oral presentations using a style that clearly integrates the purpose of the communication.
- Apply appropriate mathematical skills for problem solving and analyze information presented in a variety of formats using both manual systems and computer software.
- Use applied technology to support business functions utilizing computer software programs to include word processing, spreadsheets, databases, presentation programs, email, and the Internet.
- Use critical and creative thinking skills to solve business problems with the ability to propose logical solutions that are clear and concise.
- Apply ethical standards as they relate to business dealings.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, OA 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for office administration classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Writing Skills (3 credits)**
 - WR 121 English Composition
- **Computation Skills (4 credits)**
 - BA 104 Business Math
- **Human Relations Skills (3 credit)**
 - BA 204 Teamwork Dynamics

REQUIRED COURSES FOR OFFICE SPECIALIST CERTIFICATE (36 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BA 131	Intro to Business Computing	4
- OA 116	Office Procedures	3
- OA 201	Word Processing Procedures I	3
• Winter Quarter		
- CS 125 A	Database Applications	4
- OA 122	Keyboarding II	3
- OA 225	Machine Transcription	3
- CS 125 SS	Spreadsheet Applications	4
• Spring Quarter		
- OA 240	Records Management	3
- OA 202	Word Processing Procedures II	3
- OA 290	Integrated Office Applications	3
- OA 280	Cooperative Work Experience	3

Total Number of Credits in Certificate46

PHARMACY TECHNICIAN

Certificate of Completion

Pharmacy Technician

PATHWAY CERTIFICATE

Offered in Partnership with Central Oregon Community College (COCC). The number of student openings is determined annually. TVCC will be allotted 2-4 openings each year for students to begin their pharmacy core courses at COCC Winter Quarter.

Department: Science

Department Chair: Dr. Marie Strunk (ext. 347)

Advising: Lori Eyerl (ext.419)

COCC Pharmacy Technician Program Director: Joe Hussion 541-318-3723

PROGRAM OVERVIEW

This three quarter program prepares students for employment in the pharmacy industry. Pharmacy technicians are skilled workers who are educated and trained to work and assist in all areas of the pharmacy not requiring the professional judgment of the registered pharmacist. Some current practice areas for the pharmacy technician include retail, hospital, manufacturing, and mail order and insurance claim specialists. The pharmacy technician processes prescriptions and medication orders and plays an integral role in maintaining the pharmacy department.

The core program is completed in primarily in a web format and focuses on the abilities needed to assist the pharmacist and provide the skills necessary to process prescriptions accurately, participate in administration and management of a pharmacy and maintain inventory. Students will gain a working knowledge of sterile technique, standards of practice, quality assurance and patient confidentiality. In addition, students will develop and practice communication skills needed to function in a professional setting. In order to gain workplace experience, students will also participate in hospital and retail pharmacy worksite practicums.

The program is designed to prepare students to take the national certification exam to become a Certified Pharmacy Technician as required by the Oregon Board of Pharmacy and to be employed in a pharmacy setting.

Students from TVCC who choose this certificate option will be dually enrolled at TVCC and COCC. Students should apply to TVCC to take prerequisite coursework and then to COCC for Pharmacy Technician coursework. Co-requisite courses may also be taken through TVCC.

Students will enroll in two clinical practicums; one clinical practicum will be served in a hospital setting and one in a retail pharmacy. COCC will work with TVCC and local medical and pharmacy facilities to set up local practicum sites for students.

Admission to the Pharmacy Technician program is through open enrollment. Seats are limited and enrollment is on a first come, first served basis. Students must meet have successfully completed all prerequisite coursework in order to register in the program. Admission to the Pharmacy Technician classes at COCC requires approval from the COCC Pharmacy Technician Director.

In order to enter the Pharmacy Technician program, students must co-register at COCC and TVCC by doing the following:

- Apply to TVCC and indicate that their major is Pharmacy Technician
- Complete the Pharmacy Technician Program checklist (see below)
- Take prerequisite and co-requisite courses as needed at TV

PROGRAM CHECKLIST for Students admitted to the program through TVCC (copies of checklist available in TVCC Student Services).

1. Apply to COCC (applications available on line at www.cocc.edu)
2. Take Placement Test (COMPASS) and submit transcripts to COCC Ad-

missions and Records. Placement tests and transcript review may be done by TVCC

3. Provide COCC Pharmacy Technician Program Director with Verification of Completion of High School diploma or GED (copies of high school transcripts or GED) Unofficial transcripts may be used to verify completion of coursework with a "C" or better or to confirm placement test scores. Courses may be "in progress" for fall quarter. However, students who do not complete courses in progress with a "C" or better will be dropped from the program. Submit verification items in one packet (do not submit individually). The student packet with all verification items included must clearly be marked with the student's name and COCC ID number and submitted to :Joe Hussion, Pharmacy Technician Program Director, 2600 NW College Way, Ochoco Hall, RM 105, Bend Oregon 97701.
 - Successful completion of Writing 115 or placement in Writing 121 (may take writing classes at TVCC)
 - Successful completion of Math 25 or placement into Math 60 (may take Math 25 at TVCC; will take PHARM 110 Pharmacy Calculations through COCC)
 - Current AHA CPR/ AED Certification for Healthcare Providers
 - Proof of immunizations (Hepatitis B, MMR, Tdap)
 - Tuberculin Skin Test negative results or chest x-ray if positive
4. Complete COCC online orientation (<http://web.cocc.edu/onlineorientation/>)
5. Complete new student advising (Call Pharmacy Technician Director at 541-318-3723 for advising by phone)
6. Register for Pharmacy Technician Program Courses

PREREQUISITE COURSES THAT MUST BE TAKEN (MAY BE TAKEN AT TVCC) PRIOR TO ENTRY INTO THE CORE PROGRAM

- Writing 115 and Reading 112 (if place below WR 121 on COMPASS exam)
- Math 25 (if place below Math 60 on COMPASS exam)
- CS 120

CO-REQUISITE COURSES THAT MAY BE TAKEN AT TVCC EITHER DURING OR PRIOR TO ENTRY INTO THE CORE PROGRAM

- WR 121 English Composition3 credits
- BIOL 121 Intro to Anatomy and Physiology.....5 credits
- GSCI 161 Medical Terminology I3 credits
- NURS 162 Medical Terminology II3 credits
- PSYC 101 Psychology of Human Relations3 credits

CORE PROGRAM PHARMACY TECHNICIAN COURSES ON THE WEB THROUGH COCC

- **Winter Quarter**
 - PHM 100 Introduction to Pharmacy Tech.....3 credits
 - PHM 120 Drug Classification and Therapeutics.....3 credits
- **Spring Quarter**
 - PHM 110 Pharmacy Calculations.....3 credits
 - PHM 130 Drug Classification and Therapeutics.....3 credits
 - PHM 140 Pharmacy Tech Practice4 credits
Course includes 1 credit lecture/lab which will be conducted at COCC campus. Lab will be conducted over two weekends of the quarter.
- **Summer Quarter**
 - PHM 181 Pharmacy Tech Seminar.....1 credits
 - PHM 190 Pharmacy Tech Practicum 60 hours clinical experience (Hospital/Institutional).....2 credits
 - PHM 191 Pharmacy Tech Practicum 90 hours clinical experience (Retail /Community).....3 credits

Pre-Pharmacy Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science
Department Chair: Dr. Marie Strunk (ext. 347)
Advising: Kerby Winters (ext. 369)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Pharmacy at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Nursing emphasis fulfill a portion of the distribution requirements.

RECOMMENDED ELECTIVES (6 CREDITS)

PSYC 201*, 202* General Psychology

* Indicates course is on the distribution list. See page 31 for guidelines.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR PRE-PHARMACY EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 211*	College Biology	5
- CHEM 221*	College Chemistry	5
- MATH 111	College Algebra	4
- ECON 201*	Principles of Economics: Micro	3
• Winter Quarter		
- CHEM 222*	College Chemistry	5
- MATH 112*	Elementary Functions	4
- ECON 202	Principles of Economics: Macro	3
• Spring Quarter		
- BIOL 234*	Microbiology	4
- CHEM 223*	College Chemistry	5

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 231*	Human Anatomy and Physiology	4
- CHEM 227	Organic Chemistry	5
- MATH 251*	Calculus I	4
- PHYS 201*	General Physics I	4
• Winter Quarter		
- BIOL 232*	Human Anatomy and Physiology	4
- CHEM 228	Organic Chemistry	5
- PHYS 202*	General Physics II	4
• Spring Quarter		
- BIOL 233*	Human Anatomy and Physiology	4
- CHEM 229	Organic Chemistry	5

* Indicates course is on the distribution list. See page 31 for guidelines.

Physical Education Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Physical Education
Department Chair: Kathy Bell (ext. 275)
Advising: Kathy Bell (ext. 275)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Physical Education, Kinesiology, Athletic Administration, or Coaching at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite.

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Physical Education emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR PHYSICAL EDUCATION EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- EDUC 200	Intro to Education	4
- HPE 185	Physical Education Activity	1
- HPE 194	Professional Activities Lab	2
- CHEM 104*	Survey of Chemistry (Health).....	4
• Winter Quarter		
- HPE 185	Physical Education Activity	1
- HPE 194	Professional Activities Lab	2
- FNUT 225*	Nutrition	4
• Spring Quarter		
- HPE 185	Physical Education Activity	1
- HPE 194	Professional Activities Lab	2
- BIOL 101*	General Biology.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- HPE 185	Physical Education Activity	1
- HPE 294	Professional Activities Lab	2
- HPE 131	Intro to PE and Health	3
- BIOL 231*	Human Anatomy and Physiology.....	4
• Winter Quarter		
- HPE 120	First Aid & CPR	2
- HPE 185	Physical Education Activity	1
- HPE 294	Professional Activities Lab	2
- HPE 295	Health and Fitness for Life	3
- BIOL 232*	Human Anatomy and Physiology.....	4
• Spring Quarter		
- HPE 185	Physical Education Activity	1
- HPE 294	Professional Activities Lab	2
- BIOL 233*	Human Anatomy and Physiology.....	4

* Indicates course is on the distribution list. See page 31 for guidelines.

Pre-Physical Therapy Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science
Department Chair: Dr. Marie Strunk (ext. 347)
Advising: Kerby Winters (ext. 369)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Pre-Physical Therapy at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122 English Composition
 - WR 123 English Composition or
 - WR 227 Technical Report Writing
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Pre-Physical Therapy emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES (6 CREDITS)

- SOC 204* General Sociology
- ANTH 110* Cultural Anthropology

* Indicates course is on the distribution list. See page 31 for guidelines.

RECOMMENDED COURSES FOR PRE-PHYSICAL THERAPY EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 211*	Biology	5
- CHEM 221*	College Chemistry	5
- MATH 111	College Algebra	4
- GSCI 161	Medical Terminology I	3
• Winter Quarter		
- BIOL 212*	Biology	5
- CHEM 222*	College Chemistry	5
- MATH 112*	Elementary Functions	4
- PSYC 201*	General Psychology.....	3
• Spring Quarter		
- BIOL 234*	Microbiology	4
- CHEM 223*	College Chemistry	5
- GSCI 161	Medical Terminology I	3
- PSY 202*	General Psychology.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CHEM 227	Organic Chemistry	5
- BIOL 231*	Human Anatomy and Physiology	4
- PHYS 201*	General Physics I	4
• Winter Quarter		
- CHEM 228	Organic Chemistry	5
- BIOL 232*	Human Anatomy and Physiology	4
- PHYS 202*	General Physics II	4
- MATH 243*	Statistics	4
• Spring Quarter		
- CHEM 229	Organic Chemistry	5
- BIOL 233*	Human Anatomy and Physiology	4
- PHYS 203*	General Physics III	4

* Indicates course is on the distribution list. See page 31 for guidelines.

Physics Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science

Department Chair: Dr. Marie Strunk (ext. 347)

Advising: Dr. Rick Reynolds (ext. 323)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Physics at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended physics emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT(3 CREDITS)

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES (8 CREDITS)

- CS 161, 162 Computer Science I, II

RECOMMENDED COURSES FOR PHYSICS EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CHEM 221*	College Chemistry	5
- MATH 111	College Algebra	4
• Winter Quarter		
- CHEM 222*	College Chemistry	5
- MATH 112*	Elementary Functions	4
• Spring Quarter		
- CHEM 223*	College Chemistry	5
- MATH 113*	Pre-Calculus	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 251*	Calculus I.....	5
- PHYS 211*	Classical Physics I	5
• Winter Quarter		
- MATH 252*	Calculus II.....	5
- PHYS 212*	Classical Physics II	5
• Spring Quarter		
- MATH 253*	Calculus III.....	5
- PHYS 213*	Classical Physics III	5

* Indicates course is on the distribution list. See page 31 for guidelines.

Political Science Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Social Science
Department Chair: Debbie Skousen (ext. 287)
Advising: Gerry Hampshire (ext. 361)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Political Science at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 12, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech or
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science) Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Political Science emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable

RECOMMENDED COURSES FOR POLITICAL SCIENCE EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- POSC 201*	American Government	3
- ECON 201*	Principles of Economics: Micro	3
• Winter Quarter		
- POSC 202*	American Government	3
- ECON 202*	Principles of Economics: Macro	3
• Spring Quarter		
- POSC 203*	American Government	3
- ECON 203*	Principles of Economics: Economic Issues	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- HIST 201*	History of the United States	3
• Winter Quarter		
- HIST 202*	History of the United States	3
• Spring Quarter		
- HIST 203*	History of the United States	3

* Indicates course is on the distribution list. See page 31 for guidelines.

Psychology Emphasis ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Social Science

Department Chair: Debbie Skousen (ext. 287)

Advising: Debbie Skousen (ext. 287)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Psychology at a four-year college or university and include all requirements for the Associate of Arts (AOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS COURSE REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122 English Composition
 - WR 123 English Composition **or**
 - WR 227 Technical Report Writing
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech **or**
 - SP 112 Persuasive Speech **or**
 - SP 219 Small Group Discussion
- **Mathematics (4 credits)**
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some courses recommended for Psychology emphasis fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

- BIOL 231*, 232*, 233* Human Anatomy and Physiology
- CJ 205 Victims of Crime
- CJ 202 Violence and Aggression

* Indicates course is on the distribution list. See page 31 for guidelines.

RECOMMENDED COURSES FOR PSYCHOLOGY EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- PSYC 201*	General Psychology	3
• Winter Quarter		
- PSYC 202*	General Psychology	3
• Spring Quarter		
- PSYC 203*	General Psychology	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- SOC 210	Marriage/Family/Intimate Relations	3
• Winter Quarter		
- PSYC 235*	Intro to Human Development I	3
- MATH 243*	Intro to Probability and Statistics I.....	4
• Spring Quarter		
- PSYC 236*	Intro to Human Development II	3
- MATH 244*	Intro to Probability and Statistics II.....	4

* Indicates course is on the distribution list. See page 31 for guidelines.

Pre-Radiological Science

Emphasis

FIRST YEAR COURSEWORK

Department: Science

Department Chair: Dr. Marie Strunk (ext. 347)

Advising: Dr. Marie Strunk (ext. 347); Cindy Feibert (ext. 556)

The following program is recommended to students interested in Radiologic Technology. It is designed to transfer to the program at Boise State University after one year. Students accepted into that program may have the opportunity to complete their clinical education at Holy Rosary Medical Center. Prospective BSU students should contact the BSU Radiologic Science Department advisor for detailed advising. The application deadline for this program is generally the first week of February.

Students not intending to apply to the Boise State program should consult with their advisor for any special requirements or additional coursework for the college or university to which they are considering transferring.

RECOMMENDED COURSES FOR PRE-RADIOLOGICAL SCIENCE EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- CHEM 104	Survey of Chemistry	4
- WR 121	English Composition	3
- PSYC 201	General Psychology	3
- SP 111	Fundamentals of Speech	3
- BIOL 101	General Biology.....	4
• Winter Quarter		
- CHEM 105	Survey of Chemistry	4
- WR 122	English Composition	3
- MATH 111*	College Algebra or	
- BIOL 231	Human Anatomy and Physiology	4
- GSCI 161	Medical Terminology I or	
- NURS 184	Medical Terminology II	3
• Spring Quarter		
- BIOL 232	Human Anatomy and Physiology	4
- WR 123	English Composition	3
- MATH 105*	Contemporary Mathematics.....	5
- BIOL 233	Human Anatomy and Physiology	4
- CS 120	Computer Concepts	4

*Students are advised to take either MATH 112 **and** 113 **or** MATH 105 **and** 111.

SOCIAL WORK

Associate of Arts Transfer Degree

Social Work Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Social Science

Department Chair: Debbie Skousen (ext. 287)

Advising: Debbie Skousen (ext. 287)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Social Work at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for courses and guidelines that fulfill distribution requirements. Some recommended Social Work emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR SOCIAL WORK EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 101*	General Biology.....	4
- PSYC 201*	General Psychology.....	3
• Winter Quarter		
- PSYC 235*	Human Development I.....	3
- SOC (any)	Sociology.....	3
- ENG*	Any Literature	3
• Spring Quarter		
- PSYC 236*	Human Development II.....	3
- ETHN (any)	Ethnic Studies	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- SOWK 111	Intro to Social Work	3
- ECON 201*	Principles of Economics: Micro.....	3
• Winter Quarter		
- HSER 202	Counseling Techniques I	4
- HIST*	Any History	3
• Spring Quarter		
- SOWK 220	Social Welfare System & Policy.....	3
- SOWK 280	Cooperative Work Experience	2
- POSC*	Any Political Science	3

* Indicates course is on the distribution list. See page 31 for guidelines.

Sociology Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Social Science
Department Chair: Debbie Skousen (ext. 287)
Advising: Scott Davis (ext. 253)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Sociology at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college-level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - Any math course above MATH 95 that has Intermediate Algebra or higher as a prerequisite

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
 Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some courses recommended for Sociology emphasis fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

- CJ 205 Victims of Crime
- CJ 202 Violence and Aggression

RECOMMENDED COURSES FOR SOCIOLOGY EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- SOC 204*	General Sociology	3
• Winter Quarter		
- SOC 205*	General Sociology	3
• Spring Quarter		
- SOC 206*	General Sociology	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ETHN 101*	Ethnic Studies	3
- SOC 210	Marriage/Family/Intimate Relations	3
• Winter Quarter		
- MATH 243*	Intro to Probability and Statistics I.....	4
- ETHN 102*	Ethnic Studies	3
• Spring Quarter		
- MATH 244*	Intro to Probability and Statistics II.....	4
- ETHN 103*	Ethnic Studies	3

* Indicates course is on the distribution list. See page 31 for guidelines.

STRUCTURAL FIRE SCIENCE

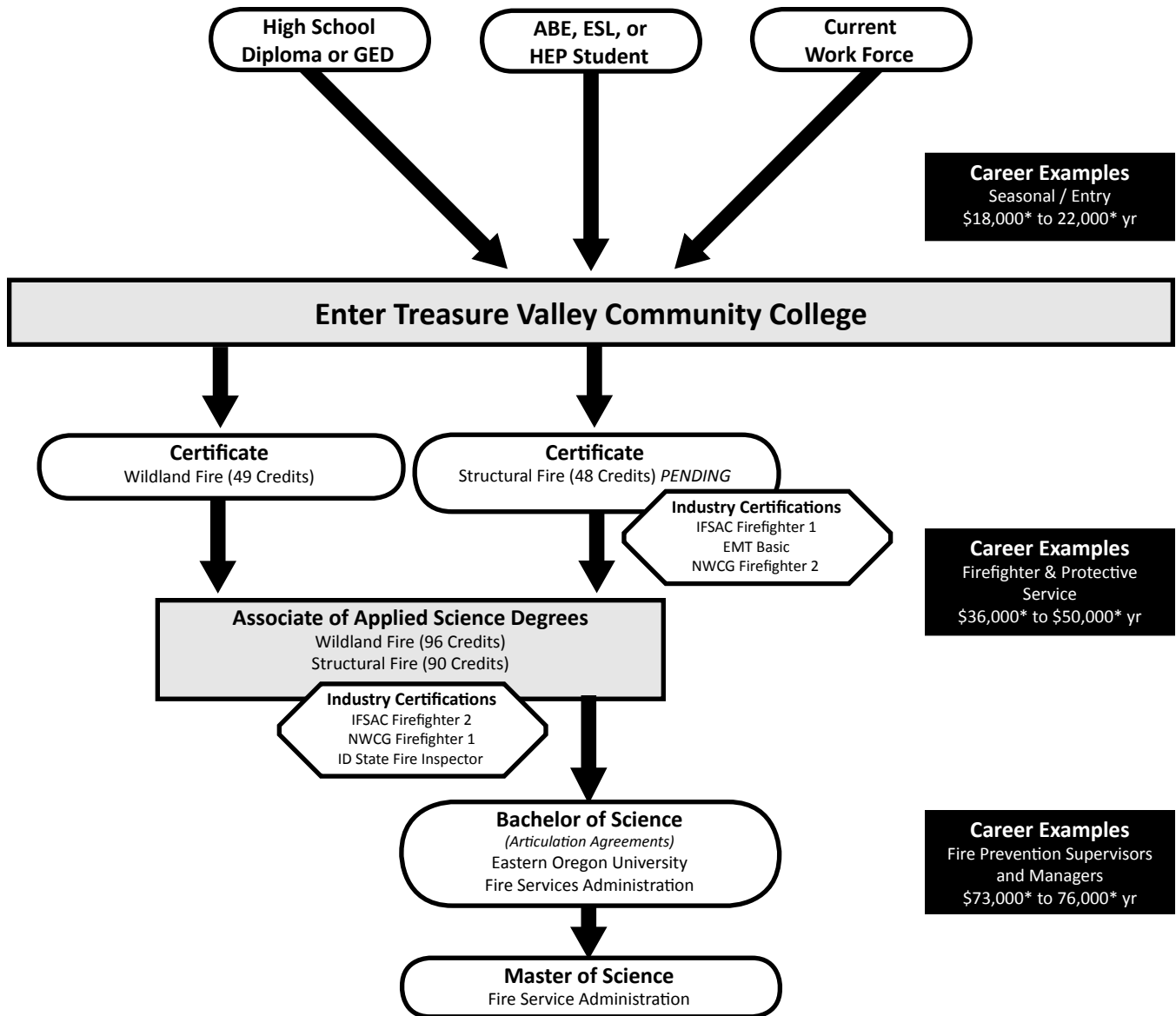
Career Pathways

Structural Fire Science Career Pathway Options

Department: Professional Technical

Advising: Marcus Nichols (ext. 260)

Agency Contact: Sheryl Romans (ext. 281)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

Structural Fire Science

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Professional Technical
Advising: Marcus Nichols (ext. 260); Stacia Lee-Gerulf (ext. 228)

PROGRAM OVERVIEW

This program prepares students to enter a career in the urban fire science industry. Graduates are prepared to work as a Firefighter, Emergency Medical Technician, or Fire Inspector. Students successfully completing both years of the program may apply for an Associates of Applied Science degree and will be eligible to apply for IFSAC Firefighter I, Basic EMT, and NWCG Firefighter II certification. IFSAC Firefighter II and NWCG Firefighter I certification.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum **grade point average of 2.0** are needed to graduate.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, SFS 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

LEARNING OUTCOMES

Students who complete the Associate of Applied Science Structural Fire Science program will be prepared to demonstrate the ability to:

- Correctly use fire department communications equipment to professionally initiate, relay and respond to verbal or written communications in both non-emergency and emergency situations.
- Conduct, coordinate, and complete basic fire cause and origin investigation, and participate, under supervision, in the investigation of complex fire structures.
- Conduct risk reduction evaluations through hazard identification.
- Assist as a member of an advanced life support team to improve patient outcomes by performing basic life support procedures including infection control, CPR, bleeding control, and shock management.

RELATED EDUCATION REQUIREMENTS (12 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (6 credits)**
 - WR 101 Workplace Communications
 - SP 111 Fundamentals of Speech
- **Computation Skills (2 Credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (4 credits)**
 - PSYC 101 Psychology of Human Relations
 - INED 156 Employment Strategies

ELECTIVES FOR AAS DEGREE (9 CREDITS)

- SFS 261 Fire Incident Related Experience IV
- SFS 262 Fire Incident Related Experience V
- SFS 263 Fire Incident Related Experience VI

ADDITIONAL REQUIRED COURSES FOR TRANSFER TO EASTERN OREGON UNIVERSITY IN FIRE SERVICES ADMINISTRATION)

- BIOL 121 Applied Anatomy and Physiology
- SOC 204, 205, 206 Sociology
- PSYC 201, 202, 203 Psychology
- CHEM 104/or higher Chemistry
- BIOL 101/or higher Biology
- SFS 166 Firefighters Law
- SFS 284 Public Info for the Fire Service
- SFS 217 Fire Budgets or
- Business

COURSES FOR STRUCTURAL FIRE SCIENCE PROGRAM (69 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- EMT 151	EMT Basic I.....	5
- SFS 101	Intro to Fire & Emergency Service	4
- SFS 151	Fire Incident Related Experience I	3
• Winter Quarter		
- CS 120	Computer Concepts.....	4
- EMT 152	EMT Basic II.....	5
- SFS 152	Fire Incident Related Experience II	3
- HPE 295	Health and Fitness for Life	3
• Spring Quarter		
- SFS 153	Fire Incident Related Experience III	3
- SFS 158	Fire Pumps and Water Supply.....	3
- SFS 256	Fire Service Rescue Practices.....	4
- SFS 266	Building Construction for Fire Suppression	3
- GSCI 161	Medical Terminology I	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- SFS 169	Fire Department Leadership.....	3
- SFS 260	Fundamentals of Fire Prevention.....	3
- Electives	See list.....	3+
• Winter Quarter		
- SFS 259	Major Emergency Strategy and Tactics.....	3
- NATR 116	S-215 Fire Operation Wildland/Urban	2
- Electives	See list.....	3+
• Spring Quarter		
- SFS 171	Fire Protection Systems and Extinguishers	3
- SFS 172	International Fire Codes	3
- SFS 280	Fire Science Work Experience.....	3

Total Number of Credits in Degree90

Theatre Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Fine and Performing Arts

Department Chair: Robin Jackson (ext. 270)

Advising: Katie Bennett (ext. 215)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Theatre Arts at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Communication Skills (9 credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
 - SP 219 Small Group Discussion
- **Computation Skills (credits)**
 - MATH 105 Contemporary Mathematics or
 - MATH 111 College Algebra
- **Communication Skills (3 credits)**
 - Psyc 101 Psyc. of Human Relations

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended courses for Theatre Arts emphasis and recommended electives fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED ELECTIVES

- ART 101* Introduction to Art
- MUS 201* Intro to Music & Its Literature
- ENG* Any literature
- HIST 101*, 102*, 103* History of Western Civilization

* Indicates course is on the distribution list. See page 31 for guidelines.

RECOMMENDED COURSES FOR THEATRE EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- TA 100*	Intro to Theatre	3
- TA 111*	Fundamentals of Technical Theatre I.....	3
- TA 141*	Acting I	3
• Winter Quarter		
- TA 112*	Fundamentals of Technical Theatre II.....	3
- TA 142*	Acting II	3
• Spring Quarter		
- TA 113*	Fundamentals of Technical Theatre III.....	3
- TA 143*	Acting III	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- TA 253	Theatre Rehearsal/Performance.....	3
• Winter Quarter		
- TA 253	Theatre Rehearsal/Performance	3
- TA 149	Dance for Theatre	2
• Spring Quarter		
- TA 253	Theatre Rehearsal/Performance	3

* Indicates course is on the distribution list. See page 31 for guidelines.

Pre-Veterinary Medicine Emphasis

ASSOCIATE OF ARTS TRANSFER DEGREE

Department: Science

Department Chair: Dr. Marie Strunk (ext. 347)

Advising: Dr. Marie Strunk (ext. 347); Kerby Winters (ext. 369); Arwyn Larson (ext. 213)

This degree fulfills the general education block transfer at most Oregon and Idaho colleges and universities. A minimum of 90 transferable credits and a minimum **grade point average of 2.0** are needed to graduate.

The following courses are recommended for students interested in pursuing a degree in Pre-Veterinary Medicine at a four-year college or university and include all requirements for the Associate of Arts (AAOT) degree. **Students are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Students must have appropriate test scores in writing and math to enter the related college-level courses listed below. Students who test below college level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

Students are required to complete the foundation skills courses with a grade of "C" or better in each course. Note: Courses used to fulfill foundation skills requirements may not be used to fulfill distribution requirements.

- **Writing Skills (9 Credits)**
 - WR 121, 122, 123 English Composition
- **Oral Communications (3 credits)**
 - SP 111 Fundamentals of Speech
- **Mathematics (4 credits)**
 - MATH 111 College Algebra

DISTRIBUTION REQUIREMENTS (45 CREDITS)

(Arts and Letters, Social Science, Science/Math/Computer Science)
Students are referred to page 31 for a list of courses and guidelines that fulfill distribution requirements. Some recommended Pre-Veterinary Medicine emphasis courses fulfill a portion of the distribution requirements.

DIVERSITY REQUIREMENT

One course, selected from the list on page 31, meets the diversity requirement. The course selected for the diversity requirement may also be used to fulfill distribution requirements or electives, where applicable.

RECOMMENDED COURSES FOR PRE-VETERINARY MEDICINE EMPHASIS

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- BIOL 211*	Biology	5
- CHEM 221*	College Chemistry	5
- MATH 111	College Algebra	4
• Winter Quarter		
- BIOL 212*	Biology	5
- CHEM 222*	College Chemistry	5
- MATH 112*	Elementary Functions	4
• Spring Quarter		
- BIOL 213*	Biology	5
- BIOL 234*	Microbiology	4
- CHEM 223*	College Chemistry	5

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- MATH 251*	Calculus I.....	5
- CHEM 227	Organic Chemistry	5
- PHYS 201*	General Physics I.....	4
• Winter Quarter		
- CHEM 228	Organic Chemistry	5
- PHYS 202*	General Physics II.....	4
- MATH 243*	Probability and Statistics I.....	4
• Spring Quarter		
- CHEM 229	Organic Chemistry	5
- PHYS 203*	General Physics III.....	4

* Indicates course is on the distribution list. See page 31 for guidelines.

VITICULTURE AND ENOLOGY

Associate of Applied Science Degree

Viticulture and Enology

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Agriculture

Advising: Roger Findley (ext. 307); Stacia Lee-Gerulf (ext. 228)

PROGRAM OVERVIEW

This program prepares students to enter a career in the table and wine grape industry. Graduates are prepared to work as vineyard technicians or entry level winery assistants.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum 2.0 grade point average are needed to graduate.

LEARNING OUTCOMES

- Demonstrate appropriate recordkeeping for TTB compliance and state and federal pest control applications.
- Demonstrate green house skills including root stock selection, grafting, irrigation, pest control, and seedling care until transplant.
- Design, layout and construct a vineyard.
- Identify 10 cultivars appropriate for the Snake River Valley and 5 methods of vine training.
- Maintain an operate yearly schedule for a vineyard including making daily and seasonal management decisions.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, VMW 110, VMW 111, VMW 112, VMW 113) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

DUAL CREDIT (2+2)

Students will receive credit for classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communications
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (4 credits)**
 - PSYC 101 Psychology of Human Relations
 - INED 156 Employment Strategies

ELECTIVES (7 CREDITS)

Students should meet with their Viticulture/Enology advisor for a list of suggested electives.

REQUIRED COURSES FOR VITICULTURE AND ENOLOGY PROGRAM (73 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- VMW 102	Wine Industry Exploration	3
- AET 212	Industrial Safety	1
- VMW 110	Fall Vineyard Practices	4
- CSS 205	General Soils	1
- HORT 111	Intro to Plant Growth.....	3
• Winter Quarter		
- CSS 215	Soil Nutrients and Fertilizer	3
- VMW 115	Record Keeping/TTB Compliance	3
- AG 215	Irrigation and Drainage	3
- VMW 111	Winter Vineyard Practices	4
- CSS 217	Pesticide Safety and Use	1
• Spring Quarter		
- CSS 240	Intro to Noxious Weeds	3
- VMW 112	Spring Vineyard Practices	4
- VMW 101	General Viticulture.....	3
• Summer Quarter		
- VMW 113	Summer Vineyard Practices.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- VMW 122**	Intro to Wine Making or	
- Elective	Viticulture Elective.....	3
- CHEM 121*	Chemistry.....	4
- AREC 210	Farm Business Management	3
- Elective	Viticulture Elective.....	3
• Winter Quarter		
- AET 222	Industrial Mechanics.....	3
- AREC 211	Management in Agriculture.....	4
- CHEM 122	Chemistry.....	4
- HORT 211	Plant Propagation	3
• Spring Quarter		
- HORT 250	Plant Pathology.....	3
- AREC 221	Marketing in Agriculture.....	3
- VMW 170	Intro to Wine Marketing	3

*MATH 65 Prerequisite - suggested Math placement score of 70 for direct entrance to program.

**Students must be 21 years old to enroll in this course.

Total Number of Credits in Degree90

Wine Making

ASSOCIATE OF APPLIED SCIENCE DEGREE

*PARTNERSHIP WITH CHEMEKETA COMMUNITY COLLEGE
APPROVAL PENDING*

Department: Agriculture
Advising: Stacia Lee-Gerulf (ext. 228)

As part of the Northwest Viticulture and Enology Education Partnership, Treasure Valley has signed articulation agreements with Chemeketa Community College that will allow students to begin working toward Chemeketa's Wine Making or Wine Marketing degrees while students at Treasure Valley.

Chemeketa will give full credit for the Treasure Valley courses listed in the articulation agreements. To complete either degree at least 30 credits must be earned through Chemeketa.

Wine Marketing

ASSOCIATE OF APPLIED SCIENCE DEGREE

*PARTNERSHIP WITH CHEMEKETA COMMUNITY COLLEGE
APPROVAL PENDING*

Department: Agriculture
Advising: Stacia Lee-Gerulf (ext. 228)

As part of the Northwest Viticulture and Enology Education Partnership, Treasure Valley has signed articulation agreements with Chemeketa Community College that will allow students to begin working toward Chemeketa's Wine Making or Wine Marketing degrees while students at Treasure Valley.

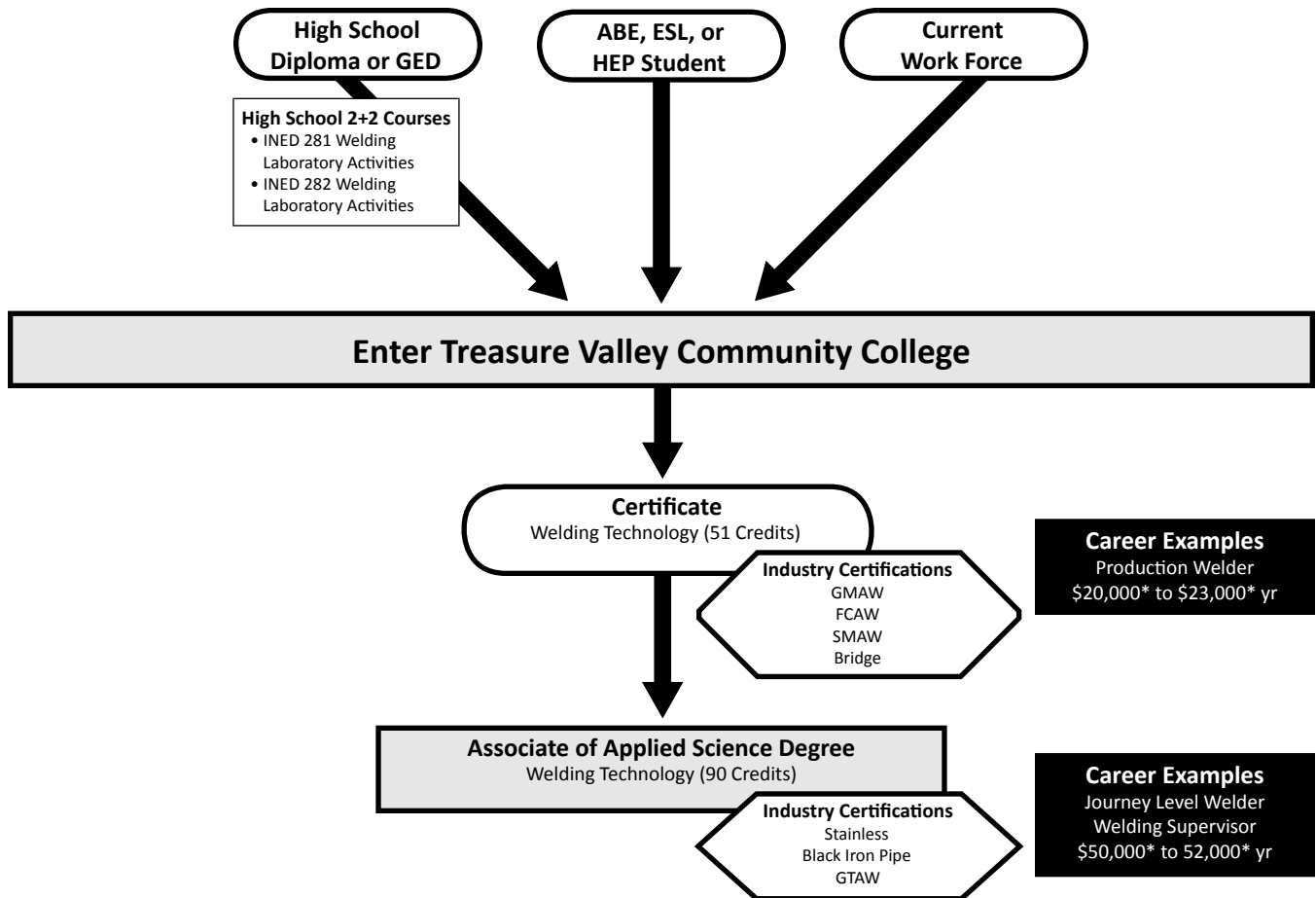
Chemeketa will give full credit for the Treasure Valley courses listed in the articulation agreements. To complete either degree at least 30 credits must be earned through Chemeketa.

Welding Career Pathway Options

Department: Welding

Department Chair: Lane Hartnett (ext. 308)

Advising: Lane Hartnett (ext. 308)



* Employment opportunities and salary levels will vary greatly with industry, size of business, and geographic region. Salary ranges are based on information from the Oregon Labor Market Information System 2009.

Welding Technology CERTIFICATE

Department: Welding

Department Chair: Lane Hartnett (ext. 308)

Advising: Lane Hartnett (ext. 308)

Students successfully completing the certificate program are prepared to enter or advance in the welding field. Students may also choose individual certifications in MIG, TIG, Arc, and Pipe Welding.

All courses in this certificate may be applied to the Welding Technology Associate of Applied Science degree. A minimum **grade point average of 2.0** is required to obtain the certificate.

DUAL CREDIT (2+2)

Students will receive credit for welding classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

LEARNING OUTCOMES

Students who complete the Welding Certificate will be prepared to:

- Demonstrate proper set up of welding machines for appropriate welding processes.
- Demonstrate appropriate shop safety procedures and equipment.
- Demonstrate proper welding techniques for all positions in FCAW; SMAW; GTAW, and GMAW processes.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communication
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (4 credits)**
 - PSYC 101 Psyc. of Human Relations or
 - BA 204 Teamwork Dynamics
 - INED 156 Employment Strategies

REQUIRED COURSES FOR WELDING TECHNOLOGY CERTIFICATE (45 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- WELD 150	Basic Welding I	4
- DRFT 112	General Drafting	3
- INED 281	Lab Activities	1
- WELD 160	Basic Welding II	4
- HPE 120	First Aid & CPR	3
• Winter Quarter		
- WELD 103	Electric Arc Welding	4
- WELD 104	MIG / FCAW Welding	4
- DRFT 162	Blueprint Reading/Pipe Layout	3
- WELD 170	Advanced Welding Processes	4
• Spring Quarter		
- WELD 102	Pipe Welding	4
- WELD 190	Test Procedures	4
- WELD 296	Welding Fabrications Practices	4
- INED 282	Lab Activities	3
Total Number of Credits in Degree		55

WELDING TECHNOLOGY

Associate of Applied Science Degree

Welding Technology

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Welding
Department Chair: Lane Hartnett (ext. 308)
Advising: Lane Hartnett (ext. 308)

PROGRAM OVERVIEW

This degree provides training for entry-level skills and related technical knowledge necessary for advancement in the metals welding industry. Upon satisfactory completion, students will be able to weld all types of joints including piping, perform oxyacetylene welding and cutting, shielded metal arc welding, gas metal arc welding, and gas tungsten arc welding; plan and layout work from drawings, blueprints, and other written specifications; demonstrate knowledge of the welding properties of metals and alloys; and establish and maintain a safe working environment.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to a four-year institution, although some courses are transferable. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan** and to identify and contact an advisor at their chosen transfer institution. A **minimum of 90 credits** and a minimum 2.0 grade point average are needed to graduate.

DUAL CREDIT (2+2)

Students will receive credit for agriculture classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

LEARNING OUTCOMES

Students who complete the Associate of Applied Science Welding program will be prepared to demonstrate:

- Demonstrate proper set up of welding machines for appropriate welding processes.
- Demonstrate appropriate shop safety procedures and equipment.
- Demonstrate proper welding techniques for all positions in FCAW; SMAW; GTAW, and GMAW processes.
- Proper welding technique for 6G position pipe welding.
- Advanced welding techniques in stainless steel and aluminum welding.
- Advanced layout and fabrication procedures for welding projects.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

All professional-technical degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Workplace Communications
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (4 credits)**
 - PSYC 101 Psyc. of Human Relations **or**
 - BA 204 Teamwork Dynamics
 - INED 156 Employment Strategies

ELECTIVES (22 CREDITS)

Students should meet with their Welding advisor for a list of suggested electives.

REQUIRED COURSES FOR WELDING TECHNOLOGY PROGRAM (58 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- WELD 150	Basic Welding I	4
- DRFT 112	General Drafting	3
- INED 281	Lab Activities	1
- AG 207	Agriculture Seminar	1
• Winter Quarter		
- WELD 103	Electric Arc Welding	4
- WELD 104	MIG / FCAW Welding	4
• Spring Quarter		
- INED 283	Lab Activities	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- DRFT 167	Computer Aided Design I	4
- WELD 160	Basic Welding II	4
- INED 133	Special Projects	3
- INED 281	Lab Activities	1
• Winter Quarter		
- INED 133	Special Projects	3
- DRFT 162	Blueprint Reading/Pipe Layout	3
- WELD 170	Advanced Welding Processes	4
• Spring Quarter		
- WELD 102	Pipe Welding	4
- WELD 190	Test Procedures	4
- WELD 296	Welding Fabrications Practices	4
- INED 284	Lab Activities	3

Total Number of Credits in Degree90

Course Descriptions



COURSE NUMBERING NOTES

Subject Index

Course Numbering Notes

Courses numbered less than 100 are considered non-transferable unless otherwise noted. Courses marked (P/T) are part of a professional-technical program and are transferable at the discretion of the receiving institution.

Many departments offer courses in their specific fields entitled Special Projects or Special Studies. These courses are numbered 198/298 and 199/299. These courses fulfill elective credit requirements but not distribution or foundational skills credit.

Cooperative Work Experience courses are numbered 280 and are also available for credit (up to a limit of 12 credits toward graduation).

Following is a general description of the course content of each:

198/298 1-3 Credits

INDEPENDENT STUDY/SPECIAL PROJECTS

Offers individualized study at an advanced level in areas not considered in other courses to meet special interest or program requirements. Students complete a term project and readings approved by the instructor. Prior study in the selected field and permission of instructor are required.

199/299 1-3 Credits

SPECIAL STUDIES

Offers special topics, activities, or projects in an area not usually covered in depth in other courses on a temporary or experimental basis.

280 1-6 Credits

COOPERATIVE WORK EXPERIENCE

On-the-job experience (paid or volunteer) which enables the student to apply the knowledge, skills, and experience gained through the on-campus program to all aspects of the industry.

Subject Index

AET: Agriculture Engineering Technician	143
AG: Agriculture	143
ANS: Animal Science	143
ANTH: Anthropology	145
APP: Apprenticeship	145
AREC: Agriculture Resource Economics	145
ART: Art	146
BA: Business	147
BIOL: Biology	148
CHEM: Chemistry	149
CIS: Computer Information Systems	149
CS: Computer Science	150
CJ: Criminal Justice	150
CSS: Crop and Soil Science	152
DRFT: Drafting	152
ECON: Economics	153
EDUC: Education	153
EMT: Emergency Medical Technician	154
ENG: English	154
ETHN: Ethnic Studies	156
FNUT: Food and Nutrition	157
FOR: Forestry	157
FWR: Forestry and Wildland Resources	157
GEOG: Geography	157
GEO: Geology	157
GSCI: Geological Science	157
HEO: Heavy Equipment Operator	158
HDEV: Human Development	158
HIST: History	158
HPE: Health and Physical Education	159
HRPD: Horse Production	161
HORT: Horticulture	161
HSER: Human Services	161
HUMN: Humanities	162
INED: Industrial Education	162
MATH: Mathematics	162
MREC: Medical Records	164
MUP: Music Performance	164
MUS: Music	165
NATR: Natural Resources	166
NURS: Nursing	167
OA: Office Administration	168
PHIL: Philosophy	169
PHRC: Pharmacodynamics	169
PHYS: Physics	169
POSC: Political Science	169
PSYC: Psychology	169
READ: Reading	170
R: Religion	170
SOC: Sociology	170
SOWK: Social Work	170
SP: Speech	170
SPAN: Spanish	170
SFS: Structural Fire Science	171
TA: Theatre	172
VMW: Viticulture Management and Wine Making	172
WELD: Welding	173
WR: Writing	173



Course Descriptions

AGRICULTURE ENGINEERING TECHNICIAN

AET 207 (P/T) 4 Credits
AGRICULTURE MACHINE & FABRICATION
 Stresses the modification and building of farm equipment. Emphasizes engineering skills through hands-on applications.

AET 211 (P/T) 3 Credits
ENGINEERING PROBLEMS
 Utilizes practical math for solving problems in agriculture. Includes horse power, electricity, hydraulics, pumps, calibrations, chains, sprockets, belts and pulleys, and land measurement. Prerequisite: MATH 025 or suitable placement score.

AET 212 (P/T) 1 Credit
AGRICULTURE SAFETY AND MANAGEMENT
 Examines and identifies prevention methods for various hazards associated with the agriculture industry. Areas examined include machinery, environmental, and confined spaces. Safety management and governmental compliance will also be addressed.

AET 221 (P/T) 3 Credits
SHOP SKILLS
 Builds competency through hands-on experience, covering power and hand tools, tool reconditioning, building construction, electricity, fasteners, and farm safety. Lab required.

AET 222 (P/T) 3 Credits
INDUSTRIAL MACHINES
 Discusses the important aspects of industrial machines such as safe operation, maintenance, and repairs. It also covers some machine design and fabrication techniques. It acquaints students with electrical and mechanical controls for machines.

AET 251 (P/T) 3 Credits
HYDRAULIC AND PNEUMATIC SYSTEMS
 Provides instruction in the fundamental principles of hydraulic and pneumatic systems. Investigates the basic components of hydraulic and pneumatic systems such as pumps, valves, cylinders, and motors.

AGRICULTURE

AG 111 (P/T) 3 Credits
AG COMPUTERS
 Acquaints students with the use of a micro-computer and software for agricultural uses. Includes farm accounting, spreadsheets, depreciation schedules, rations, PowerPoint, internet/email, and financial analysis.

AG 201 1 Credit
CURRENT ISSUES IN AGRICULTURE
 Examines current issues in agriculture. Investigates and considers opposing viewpoints of different groups through email contact, and written and oral presentations. Uses guest speakers extensively.

AG 207 (P/T) 1 Credit
AGRICULTURE SEMINAR
 Provides information and self-evaluation in areas of goal setting, educational planning, student activities, electronic student accounts, study skills, and successful navigation of the college system. Emphasizes academic and career plans for students interested in Agriculture.

AG 211 (P/T) 3 Credits
SURVEY & CONSTRUCTION
 Provides specific information for farm and ranch use, including field drainage systems, cut and fill for field leveling, laying out building foundations, farm facilities, land descriptions, and the use of the farm level. Covers field observation, note taking, and office computations.

AG 212 (P/T) 3 Credits
ENGINE THEORY & OPERATION
 Studies power units and their relationship to internal combustion engines, including theory of operation, component parts, and accessories. Class projects include repair of small power units.

AG 215 (P/T) 4 Credits
IRRIGATION AND DRAINAGE
 Instructs students how to design an irrigation system, considering engineering, soil types, crops, seasons, irrigation methods, best management practices, and erosion control measures. Includes a cost estimation of an actual irrigation project.

AG 221 (P/T) 3 Credits
METALS AND WELDING
 Teaches the techniques of operating electric welding machines, oxyacetylene torches and welding, heating, brazing and cutting of all common types of ferrous metals in all positions. Stresses some fabrication of farm projects. Lab included.

ANIMAL SCIENCE

ANS 107 (P/T) 3 Credits
BASIC HOOF MAINTENANCE
 Teaches the basic fundamentals and procedure for shoeing and trimming a horse, including tools and safety issues.

ANS 108 (P/T) 3 Credits
ADVANCED HORSESHOEING
 Examines principles and techniques for properly trimming and shoeing the horse with conformation and/or disease problems. Prerequisite: ANS 107.

ANS 121 3 Credits
INTRO TO ANIMAL SCIENCE
 Introduces animal science, offering a foundation in breeds, genetics, nutrition, marketing, management, ration formulation and facilities planning. Co-requisite: ANS 122.

ANS 122 1 Credit
INTRO TO ANIMAL SCIENCE OPERATIONS
 Introduces a variety of livestock industries and how each operation works, developing a broad knowledge base of several livestock industries through visits and labs. Applies to real life the knowledge and skills acquired in ANS 121. Prerequisite/Co-requisite: ANS 121.

ANS 141 (P/T) 3 Credits
BASIC HALTER TRAINING
 Provides the skills needed to train a young horse to lead, stand square, pick up feet, turn on forehand and haunches. Includes grooming and fitting.

ANS 142 (P/T) 4 Credits
GREEN BREAKING
 Provides opportunity for the student and young horse to learn together. Features ground training, saddling, and riding of a horse that hasn't been ridden before. Prerequisite: ANS 192.

COURSE DESCRIPTIONS

ANS 201 to ANS 241

ANS 201 ADVANCED HORSE TRAINING Teaches the student to take a green horse onto the bridle. Prepares horses to move onto several different horse activities, such as ranch horse, rope horse, or a show horse. Prerequisite: ANS 142.	(P/T)	3 Credits	anatomy of the skeletal and muscular system, and parts of the horse and their functions. Discusses the maintenance and purchase of horse equipment, including bits, bridles, grooming supplies, and saddles.
ANS 192 HORSEMANSHIP Teaches the basic fundamentals of horsemanship and safety issues when handling horses while saddling, bridling, mounting, dismounting and riding. Provides the background to move on to other avenues of the horse world.	(P/T)	3 Credits	ANS 222 EQUINE HEALTH & DISEASE Studies horse health and soundness, including in depth anatomy, diseases, nutrition, soundness or lameness issues, and the available treatments.
ANS 200 LIVESTOCK SKILLS Presents the proper techniques of basic livestock skills, such as branding, implanting, and heat synchronization. Emphasizes livestock handling, sanitation, facility design, quality beef assurance, and personal safety. Includes skills demonstrated by a qualified veterinarian.	(P/T)	3 Credits	ANS 223 EQUINE BUSINESS & MARKETING Examines correct procedures in genetic selection, pedigree and performance. Covers developing a bookkeeping system, and how to market, purchase and evaluate horses according to conformation.
ANS 201 BEEF QUALITY ASSURANCE Teaches state-of-the-art technology and trends in the beef industry to produce a safe, competitive, wholesome food source for consumers. Taught on a workshop basis with many industry expert presentations and local field trips.		2 Credits	ANS 224 PUREBRED HERD IMPROVEMENT Applies principles learned in livestock breeding to dairy, horses, pigs, and sheep. Provides students a hands-on opportunity to apply what they have learned about selection. Includes several field trips to local farms/ranches to learn breeding program management.
ANS 210 FEED AND RATION FORMULATION Covers feedstuffs, their analysis, and animal use. Studies how processing affects bio-availability of feeds, mixing feeds to meet specific animal requirements, and meeting animal needs as they change due to increased production, reproduction, and growth. Teaches ration formulation by hand methods and computer.	(P/T)	3 Credits	ANS 231 INTRO TO LIVESTOCK EVALUATION Covers, in depth, basic fundamentals of livestock evaluation and selection of cattle, sheep, and swine for herd replacement and market. Teaches students to “see” differences between two or more animals in the areas of structure, muscle, capacity/volume, femininity/masculinity, and eye appeal.
ANS 211 APPLIED ANIMAL NUTRITION Covers all aspects of animal nutrition, including analysis of feedstuffs, the anatomy of ruminant and non-ruminant, nutrient metabolism, and the in-depth discussion on the required nutrients (water, protein, lipids, carbohydrates, minerals, and vitamins).	(P/T)	3 Credits	ANS 232 INTERMEDIATE LIVESTOCK EVALUATION Reviews performance data (including EPD’s), and situations/scenarios. Teaches students to describe written and oral differences between cattle, sheep, and swine; also to take notes and describe differences between animals with proper terms and phrases. Prerequisite: ANS 231
ANS 215 BEEF/DAIRY CATTLE PRODUCTION Covers the history and development of beef cattle, their distribution and adaptation, the types and breeds of beef and dual-purpose cattle, and the fundamental principles of establishing a beef production herd. Discusses cattle, genetics, problems in breeding and feeding, buildings, and equipment.	(P/T)	3 Credits	ANS 233 ADVANCED LIVESTOCK EVALUATION Combines all information from the Introduction and Intermediate Livestock Evaluation classes. Teaches students to place livestock classes based on the situation/scenario, performance data, and visual evaluation. Requires students to express their placings with written and oral reasons. Prerequisites: ANS 231 and 232.
ANS 216 BEEF PREGNANCY TESTING Teaches proper techniques for checking beef cows for pregnancy. Discusses anatomy and physiology of cows, the estrous cycle, and a review of diseases associated with reproduction. Much of the class taught in the “field” under actual ranch conditions.	(P/T)	3 Credits	ANS 234 LIVESTOCK JUDGING TEAM Provides the opportunity to compete at regional and national livestock judging contests. Prepares for competition with weekly work-outs, placing livestock classes based on the situation/scenario, performance data, and visual evaluation. Requires students to express their placings with written and oral reasons. Prerequisites: ANS 231, 232, and 233.
ANS 217 ARTIFICIAL INSEMINATION Teaches proper procedure in thawing and placing semen in the target area of cattle through “hands-on” experience. Includes nitrogen tank procedure, pregnancy testing, health factors, and genetic selection. Concludes with testing for the Artificial Insemination Certification for Oregon.	(P/T)	3 Credits	ANS 240 INTRO TO ULTRASOUND TECHNOLOGY Presents information on what ultrasound technology is and how it can be used in animal agriculture. Familiarizes students with ultrasound terminology and machine operations. Includes hands-on opportunities.
ANS 220 INTRO TO HORSE PRODUCTION Introduces various breeds of horses and their characteristics, including	(P/T)	3 Credits	ANS 241 ADVANCED ULTRASOUND TECHNOLOGY Reviews ultrasound terminology, machine operations, preparing the animal for scanning, and proper procedure for scanning. Practices scanning cattle, sheep, and hogs for fat thickness, ribeye/loineye area, and percent intramuscular fat. Includes interpreting and entering data into a spreadsheet to make carcass predictions. Prerequisite: ANS 240.

COURSE DESCRIPTIONS

ANS 250 to AREC 221

ANS 250 3 Credits
INTRO TO MEAT SCIENCE

Follows market animals (cattle, sheep and swine) from the finishing phase to the meat counter. Includes slaughter, meat grading and evaluation, inspection, structure and composition of muscle, conversion of muscle to meat, microbiology and sanitation, cookery of meat, and nutritive value of meat.

ANS 263 (P/T) 3 Credits

BUILDING & STABLE MANAGEMENT

Covers the practical application of designing and managing a stable for all ages of horses.

ANS 265 (P/T) 3 Credits

INTRO TO FOOD SAFETY AND HACCP

Prepares a student to train a horse for all aspects of ranching, including cattle sorting, gate work, packing, and roping. Prerequisite: ANS 192.

ANS 277 (P/T) 2 Credits

EQUINE REPRODUCTION

Presents newer ideas and procedures involved with impregnating mares, along with common problems facing the mares and stallion during the breeding.

ANS 278 (P/T) 3 Credits

PRINCIPLES OF ANIMAL BREEDING

Covers reproduction anatomy of male and female livestock, and basic genetic terms and principles. Teaches students to design a breeding program utilizing EPD's and performance data based on different breeding systems used in today's livestock operations.

ANS 294 (P/T) 2 Credits

COW CUTTING

Introduces horse and rider to the fundamentals of training and competing on a cutting horse. Prerequisite: ANS 192.

ANS 295 (P/T) 2 Credits

REINING

Introduces horse and rider to the fundamentals of training and competing on a reining horse. Includes working experience in the arena. Prerequisite: ANS 192.

ANS 297 (P/T) 3 Credits

WORKING COW-HORSE

Prepares a student to train a horse for all aspects of ranching, including cattle sorting, gate work, packing, and roping. Prerequisite: ANS 192.

ANTHROPOLOGY

ANTH 110 3 Credits

INTRO TO CULTURAL ANTHROPOLOGY

Studies the diverse cultures of the modern world, emphasizing the role of culture in human behavior and social structure.

APPRENTICESHIP

APP 0901 (P/T) 4 Credits

ELECTRICAL APPRENTICE FIRST YEAR

Covers trade math, fundamental concepts of electricity, resistance, Ohm's Law, series circuits, parallel circuits, grounding, grounding electrode systems, principles of induction, capacitance, transformer fundamentals, generator fundamentals, electric motors, enclosure grounding and the National Electrical Code as it applies to these topics. Taught as a year-long course presented over three terms Prerequisite: Indentured Apprenticeship.

APP 0902 (P/T) 4 Credits

ELECTRICAL APPRENTICE SECOND YEAR

Covers principles of induction, capacitance, transformer fundamentals, generator fundamentals, electric motors, enclosure grounding, and the National Electrical Code as it applies to these topics. Taught as a year-long course presented over three terms. Prerequisites: Indentured Apprenticeship and APP 0901.

APP 0903 (P/T) 4 Credits

ELECTRICAL APPRENTICE THIRD YEAR

Covers reading electrical blueprints, commercial building, electrical plans and specification, branch circuits and feeders, panel boards, electrical theory and applications for grounding systems, emergency power systems, over current protection systems, fuses and circuit breakers, and the National Electrical Code as it applies to these topics. Taught as a year-long course presented over three terms. Prerequisites: Indentured Apprenticeship and APP 0902.

APP 0904 (P/T) 4 Credits

ELECTRICAL APPRENTICE FOURTH YEAR

Covers special equipment, ventilating systems, electrical systems protection, site lighting, motor controls and installation, hazardous locations, formulas for AC/DC, single and three phase power, horsepower and voltage drop, over-current protection devices, calculations for branch circuit feeders and service entrance, single family dwellings, and the National Electrical Code as it applies to these topics. Taught as a year-long course presented over three terms. Prerequisites: Indentured Apprenticeship and APP 0903.

AGRICULTURE RESOURCE ECONOMICS

AREC 201 (P/T) 3 Credits

AGRICULTURE ACCOUNTING

Teaches proper farm record keeping, including income, expenses, inventory, depreciation, crop and livestock. Utilizes a computerized system for such records, and calculates end-of-year totals for income tax purposes.

AREC 210 (P/T) 3 Credits

FARM BUSINESS MANAGEMENT

Teaches students about basic hand record keeping, including inventory, depreciation, and income/expenses. Reviews income tax laws and current regulations for employee records. Discusses basic farm business management terms, forms, and farm ownership types.

AREC 211 (P/T) 4 Credits

MANAGEMENT IN AGRICULTURE

Applies economic and business principles to the management of agribusiness firms, including farms and ranches; goal setting and management information; planning and decision-making tools; and acquiring, organizing, and managing land, labor and capital resources.

AREC 221 3 Credits

MARKETING IN AGRICULTURE

Presents organization and functions of domestic and international markets, market channels for various agricultural commodities, and roles of agribusiness, cooperatives, and government in marketing decisions. Discusses, in full detail, the futures market and forward contracting.

COURSE DESCRIPTIONS

ART 101 to ART 266

ART

ART 101 3 Credits

INTRO TO VISUAL ARTS

Introduces many facets of art, including an overview of major art movements throughout history, the formal elements of art, various art media, art criticism, and exercises designed to build perceptual skills. Includes lecture illustrated with slides and art gallery visitations.

ART 115 3 Credits

BASIC DESIGN

Introduces the fundamental processes and vocabulary of the artist's design studio. Examines the principles and concepts of line, shape, texture, space, and color to enable students to express their personal vision in an academic manner.

ART 116 3 Credits

BASIC DESIGN

An introduction to fundamental processes and vocabulary of the artist design studio. Introduction of the principles and concepts of shape, line, texture, space, color, etc. which enable the student to express his or her personal vision in a more organized and academic manner. The student will produce designs using the computer in a graphic format.

ART 117 3 Credits

BASIC DESIGN

An introduction to fundamental processes and vocabulary of the artist design studio. Introduction of the principles and concepts of shape, line, texture, space, color, etc. which enable the student to express his or her personal vision in a more organized and academic manner. The student will produce designs using the 3D sculpture format.

ART 131 3 Credits

BEGINNING DRAWING

Teaches students to acquire and refine representational skills using a variety of techniques and media. Presents contemporary art concepts with the intention of leading each student toward a personal direction. Introduces each new concept, medium, or technique with slide lectures and discussions.

ART 132 3 Credits

INTERMEDIATE DRAWING

Continues, on a more ambitious level, skills and ideas that were introduced in ART 131. Explores techniques to achieve more gestural surfaces. Introduces color media (both color pencil and oil pastel). Prerequisite: ART 131.

ART 133 3 Credits

ADVANCED DRAWING

Continues, on a more ambitious level, skills and ideas that were introduced in ART 132. Explores techniques to achieve more gestural surfaces. Introduces color media (both color pencil and oil pastel). Prerequisite: ART 132.

ART 204 3 Credits

HISTORY OF WESTERN ART/ANCIENT

Presents art from the Prehistoric, Ancient Near East, Aegean, Egyptian, Greek, early Christian, Byzantine, Medieval, Gothic and Roman periods. Includes lectures illustrated by slides and supplemented by occasional movies.

ART 205 3 Credits

HISTORY OF WESTERN ART/RENAISSANCE

Presents art from the late Gothic, early Renaissance, Italian Renaissance, Northern Renaissance, and Baroque periods. Includes lectures illustrated with slides and supplemented by art history videos.

ART 206 3 Credits

HISTORY OF WESTERN ART/MODERN

Presents art from the Rococo, Romantic, 19th century, and 20th century periods.

ART 253 3 Credits

CERAMICS I

Introduces the history of contemporary ceramics, including materials, methods, and techniques. Stresses both wheel thrown and hand built ceramic construction. Includes gallery visitation.

ART 254 3 Credits

CERAMICS II

Continues the broad introduction to the history of contemporary ceramics, including materials, methods, and techniques. Stresses both wheel thrown and hand built ceramic construction. Introduces glazing and firing. Includes gallery visitation.

ART 255 3 Credits

CERAMICS III

Continues the broad introduction to the history of contemporary ceramics, including materials, methods, and techniques. Stresses both wheel thrown and hand built ceramic construction. Introduces glazing and firing. Develops fundamental skills to foster artistic growth. Includes gallery visitation.

ART 256 3 Credits

CERAMICS IV

Continues the broad introduction to the history of contemporary ceramics, including materials, methods, and techniques. Stresses both wheel thrown and hand built ceramic construction. Introduces Raku glazing and firing. Develops fundamental skills to foster artistic growth. Includes gallery visitation.

ART 261 3 Credits

BEGINNING PHOTOGRAPHY

Covers functions of both film and digital cameras. Explores electronic and traditional darkroom procedures. Includes both demonstrations and individual assignments designed to enhance understanding of basic photographic principals.

ART 262 3 Credits

INTERMEDIATE PHOTOGRAPHY

Covers advanced electronic and traditional darkroom techniques including toning, printing filters, burning and dodging, and hand coloring. Includes electronic slide show presentation and advanced camera techniques, such as shutter speeds and apertures. Prerequisite: ART 261.

ART 265 3 Credits

BEGINNING DIGITAL PHOTOGRAPHY

Introduces digital photography focusing on camera handling, camera functions, capturing images, composition and editing. This will also introduce the image adjusting software program Adobe Photoshop Elements. Basic manipulation of images and presentation of projects will be stressed.

ART 266 3 Credits

INTERMEDIATE DIGITAL PHOTOGRAPHY

Continues to explore and investigate the digital camera and its many functions. The class will continue to stress composition, lighting and presentation. It involves more complex Photoshop tools and computer skills. Prerequisite: ART 265.

BUSINESS

BA 101		4 Credits	<p>INTRO TO BUSINESS Emphasizes business organization, operation, and management. Assists students interested in business determine their major field of concentration.</p>
BA 104	(P/T)	4 Credits	<p>BUSINESS MATH Applies mathematical skills to solve business and consumer problems. Includes business applications such as computing finance charges, taxes, discounts, markups, inventory value, bond discount/premium, and present/future value analysis. Prerequisite: MATH 60.</p>
BA 131		4 Credits	<p>INTRO TO BUSINESS COMPUTING Introduces students to a variety of computer concepts, operating environments, computer applications, and technologies; emphasizes achieving intermediate competency in each area listed. Appropriate ethical conduct related to computer environments is also discussed.</p>
BA 153	(P/T)	3 Credits	<p>CRITICAL/CREATIVE THINKING Emphasizes critical and creative thinking to help students understand the thinking process, including purposeful, reasoned, and goal directed thinking involved in solving problems, formulating inferences, calculating likelihoods, and decision-making. Explores examples of vertical and lateral thinking.</p>
BA 200	(P/T)	4 Credits	<p>APPLIED ACCOUNTING I Emphasizes the basic principles of bookkeeping for both service and retail merchandise business, including analyzing transactions, journalizing, posting, doing end-of-year work, and preparing financial statements. Integrates computer applications into course material.</p>
BA 201	(P/T)	4 Credits	<p>APPLIED ACCOUNTING II Emphasizes purchasing, sales, installment sales, consignment sales, inventory, long-lived assets, and accrual accounting applied to all merchandising-type business. Integrates computer applications into course material. Prerequisite: BA 200.</p>
BA 202	(P/T)	4 Credits	<p>APPLIED ACCOUNTING III Emphasizes accounting for the corporate form of business, including capital stock, corporate earnings, and corporate bonds. Integrates computer applications into course material. Prerequisite: BA 201.</p>
BA 203		3 Credits	<p>INTERNATIONAL BUSINESS Introduces business activities that cross national boundaries. Studies the concepts of international business and its theories and framework for analysis of international transactions.</p>
BA 204	(P/T)	3 Credits	<p>TEAMWORK DYNAMICS Introduces the formation, development, and management of groups. Examines problems and characteristics common to group situations and generates strategies for improving group productivity.</p>
BA 206		3 Credits	<p>PRINCIPLES OF MANAGEMENT Introduces the principles of management, concentrating on organizational structures, planning principles, organizing, leading, controlling, and management techniques.</p>

BA 211		4 Credits	<p>PRINCIPLES OF ACCOUNTING I Introduces financial accounting concepts and reporting of financial information in accordance with generally accepted accounting principles. Emphasizes external financial reporting for business enterprises and the use of financial statement information for economic decision making. Introduces computerized accounting concepts.</p>
BA 212		4 Credits	<p>PRINCIPLES OF ACCOUNTING II Introduces the valuation of accounts receivable and inventories. Appraises concepts of cost, depreciation, depletion, and amortization of capital assets as reported on financial statements. Includes corporate accounting for capital acquisition and reporting of stock, corporate bonds, dividends, stock splits, and donated capital. Continues computerized accounting concepts. Prerequisite: BA 211.</p>
BA 213		4 Credits	<p>PRINCIPLES OF ACCOUNTING III Introduces managerial accounting, including methods of cost systems and appropriate use of information obtained for improved management decision-making. Conducts analysis of cost behavior, cost/volume/profit relationships, budgeting, evaluating performance, and capital investment decision. Continues computerized accounting concepts. Prerequisite: BA 212.</p>
BA 214		3 Credits	<p>BUSINESS COMMUNICATION Applies written communication skills to writing and analyzing business letters, memos, email, and short reports. Incorporates correct format, grammar, and punctuation. Prerequisite: WR 121</p>
BA 215	(P/T)	3 Credits	<p>COST ACCOUNTING Focuses on the role of the cost accountant in providing accounting information to managers as an aid in economic decision making. Emphasizes the development and application of cost systems as they apply to cost inputs (materials, labor, overhead), and job order versus process costing. Examines actual versus standard cost accounting, direct costing versus full absorption costing, and budgeting.</p>
BA 223		3 Credits	<p>PRINCIPLES OF MARKETING Surveys activities by which a firm seeks to anticipate customer needs by directing a flow of need-satisfying goods and services from producer to consumer. Includes market research, buying behavior, product planning, physical distribution, retailing, wholesaling, promotion, and pricing policy.</p>
BA 225		4 Credits	<p>THE LEGAL ENVIRONMENT OF BUSINESS Introduction to the legal environment of business. Emphasis is on the legal principles and laws which affect business. Topics covered include the history of the legal environment in US court systems, administrative law and regulatory processes, crimes, torts, contracts, property law, legal aspects of business entities, and employment law.</p>
BA 226		3 Credits	<p>BUSINESS LAW I Introduces business law, emphasizing contract law. Discusses history of legal development, crimes, torts, and courts systems.</p>
BA 227		3 Credits	<p>BUSINESS LAW II Continues study of business law, emphasizing sales law, commercial paper, bailments, and agency agreements. Prerequisite: BA 226, or instructor approval.</p>

COURSE DESCRIPTIONS

BA 228 to BIOL 213

BA 228 3 Credits
COMPUTER-ASSISTED ACCOUNTING
Examines methods of performing accounting functions and solving accounting problems using popular computer software, including collecting, organizing, and reporting large amounts of information.

BA 230 (P/T) 3 Credits
PAYROLL ACCOUNTING
Presents a comprehensive overview of federal and state payroll procedures, including computing and recording gross wages, withholding amounts, and net wages. Introduces use of computerized and manual systems to maintain employee earnings records and payroll registers, compute employer and other payroll-related costs, make payroll tax deposits, complete payroll and W-2's, and make general journal entries for all payroll transactions. Prerequisite: BA 200 or BA 211.

BA 236 (P/T) 3 Credits
COMPUTER-ASSISTED ACCOUNTING II
Introduces methods of performing accounting functions using accounting software currently utilized by business firms. Prerequisite: BA 200 or BA 211.

BA 239 3 Credits
PRINCIPLES OF ADVERTISING
Examines in detail the purpose, preparation, placement, and analysis of various types of advertisements within each of the media. Analyzes and compares the relative merits of the media on local and national advertising.

BA 240 (P/T) 3 Credits
FUND ACCOUNTING
Familiarizes the student with the principles and unique terminologies of governmental and nonprofit fund accounting. Explores conceptual, procedural, and reporting issues of the fund accounting process. Prerequisite: BA 200 or BA 211.

BA 243 (P/T) 3 Credits
CONSUMER BEHAVIOR
Introduces the dynamic interaction of affect and cognition, behavior, and the environment by which people conduct the exchange aspects of their lives.

BA 249 3 Credits
RETAIL MANAGEMENT
Presents the principles of retail strategy and structures, emphasizing trading area analysis, consumer behavior, store location, and pricing in retailing.

BA 250 3 Credits
SMALL BUSINESS MANAGEMENT
Presents the fundamentals of owning and managing a small business, including organizational, financial, marketing, and management concepts. Studies the dominant impact of small business. Prerequisites: BA 211, BA 206, and BA 223.

BA 254 (P/T) 3 Credits
INTERNET MARKETING
Introduces the principles and operational aspects of electronic/computer marketing, including e-marketing for organizations.

BA 255 3 Credits
PERSONNEL SUPERVISION
Introduces the supervisor's special place in management and the essential skills that all managers have in common. Focuses on the unique problems of being a supervisor in any kind of organization, and closely examines the special skills, responsibilities, roles and attributes required of supervisors.

BA 256 3 Credits
INCOME TAX PROCEDURES
Introduces preparation of federal income taxes, including gross income, adjustments to income, deductions, tax credits and exemptions. Examines potential tax consequences of decisions, and evaluates costs and benefits of alternatives. Assists decision makers minimize tax and maximize after-tax profits. Integrates computer applications into course material.

BIOLGY

BIOL 101 4 Credits
GENERAL BIOLOGY
Studies cellular biology, including scientific method, taxonomy, cell organelles and cell membrane, photosynthesis, cellular respiration, mitosis and meiosis, Mendelian genetics, DNA structure and function and evolution. Lab required. Intended for non-science majors.

BIOL 102 4 Credits
GENERAL BIOLOGY
Studies human evolution and the body system, including circulation, immune system, digestion, respiration, body fluid regulation, nervous system, sense organs, muscles, reproduction and endocrine system. Lab required. Intended for non-science majors.

BIOL 103 4 Credits
GENERAL BIOLOGY
Studies evolution and diversity of plants, plant structure and organization, plant nutrition and transport, control of growth in plants, plant reproduction. Examines ecology of populations, communication, ecology and conservation biology. Lab required. Intended for non-science majors.

BIOL 107 4 Credits
PRINCIPLES OF ECOLOGY & FIELD BIOLOGY
Emphasizes the broad concepts of ecology in a field setting using natural ecosystems as a model. Introduces concepts in the classroom then examines them in detail using student collected field data. Lab and/or field trip required.

BIOL 121 5 Credits
INTRODUCTION TO HUMAN ANATOMY AND PHYSIOLOGY
Covers body organization with an emphasis on anatomy and function of all the human body systems. Topics include the cell, skin, heart and circulation, nervous system, special senses, blood, immunity, respiration, digestion, bones, muscles, and reproduction. This course is designed for the allied health student. Lab required.

BIOL 211 5 Credits
COLLEGE BIOLOGY
Examines the theoretical bases of biology as a scientific discipline, emphasizing cytology, genetics, and biological adaptation. Lab required. Intended for science and pre-professional majors.

BIOL 212 5 Credits
COLLEGE BIOLOGY
Provides an introduction to the basic concepts of biology with a special emphasis on zoology. Discusses functional relationships between different orders of animals. Lab required. Intended for science and pre-professional majors.

BIOL 213 5 Credits
COLLEGE BIOLOGY
Studies botany and ecology. Presents an overview of the evolution and organization of the plant kingdom followed by a study of the anatomy and physiology of flowering plants. Examines ecological relationships observed among plants, animals, and their environment. Lab required. Intended for science and pre-professional majors.

BIOL 231 4 Credits
HUMAN ANATOMY & PHYSIOLOGY
 Studies body organization and function with an emphasis on histology and the integumentary, skeletal, and muscular systems. Lab required. Prerequisites: CHEM 104, or 121, or 221, and BIOL 101 or 211.

BIOL 232 4 Credits
HUMAN ANATOMY & PHYSIOLOGY
 Studies the organization, structure, and function of the nervous, sensory, endocrine, and cardiovascular systems. Lab required. Prerequisite: BIOL 231.

BIOL 233 4 Credits
HUMAN ANATOMY & PHYSIOLOGY
 Studies respiratory, digestive, excretory, and reproductive systems. Lab required. Prerequisite: BIOL 231 or BIOL 232.

BIOL 234 4 Credits
MICROBIOLOGY
 Examines the fundamental principles and techniques of microbial study. Emphasizes the structural, functional, and disease causing properties of bacteria and viruses. Lab required. Prerequisites: CHEM 104, or 121, or 221, and BIOL 101 or 211 or 231.

CHEMISTRY

CHEM 104 4 Credits
SURVEY OF CHEMISTRY (HEALTH)
 Studies the fundamental concepts of chemistry including metric system, atomic structure, chemical reactions and gas laws, buffers, solution chemistry and acids and bases. Examines the relationship of chemical principles to current environmental and health related topics. Lab required. Prerequisites: MATH 60, or suitable placement score.

CHEM 105 4 Credits
SURVEY OF CHEMISTRY (HEALTH)
 Studies the fundamental concepts of chemistry, including nuclear radiation, energy, and organic chemistry. Lab required. Prerequisite: CHEM 104.

CHEM 106 4 Credits
SURVEY OF CHEMISTRY (HEALTH)
 Studies the fundamental concepts of chemistry, including carbohydrates, lipid and protein metabolism, RNA and DNA synthesis, action of enzymes, hormones and steroids, and overall integration of metabolism. Lab required. Prerequisite: CHEM 105.

CHEM 121 4 Credits
GENERAL CHEMISTRY
 Provides an introduction to the fundamentals of inorganic chemistry, including metric system, atomic structure, chemical reactions and gas laws, buffers, solution chemistry, and acids and bases. Lab required. Prerequisite: MATH 65 or suitable placement score.

CHEM 122 4 Credits
GENERAL CHEMISTRY
 Covers the radiation and environmental issues. Introduces organic nomenclature, functional groups and reactions. Prerequisite: CHEM 121 or 104.

CHEM 123 4 Credits
GENERAL CHEMISTRY
 Covers the basics of organic and biochemistry. Lab required. Prerequisite: CHEM 122.

CHEM 221 5 Credits
COLLEGE CHEMISTRY
 Studies measurement, chemical reactions, stoichiometry, thermo chem-

istry, atomic structure, chemical bonding and gas laws. Lab required. Prerequisite: MATH 95 or suitable placement score. Previous chemistry experience recommended.

CHEM 222 5 Credits
COLLEGE CHEMISTRY
 Includes molecular bonding, solution chemistry, chemical reactions, oxidation reduction, chemical equilibrium and acid base equilibrium. Lab required. Prerequisite: CHEM 221.

CHEM 223 5 Credits
COLLEGE CHEMISTRY
 Includes thermodynamics, electrochemistry, nuclear chemistry, metals, nonmetals and transition elements and brief survey of organic and biochemistry. Lab required. Prerequisite: CHEM 222.

CHEM 227 5 Credits
ORGANIC CHEMISTRY
 Presents alkanes, alkenes, stereochemistry, role of solvents and organic reactions. Lab required. Prerequisite: CHEM 223.

CHEM 228 5 Credits
ORGANIC CHEMISTRY
 Examines alkynes, aromaticity, aromatic substitution, spectroscopy, NMR, CMR, IR, aldehydes and ketones and carboxylic acids. Lab required. Prerequisite: CHEM 227.

CHEM 229 5 Credits
ORGANIC CHEMISTRY
 Includes amines, phenols, molecular orbital theory, carbohydrates, lipids, proteins and nucleic acids. Lab required. Prerequisite: CHEM 228.

COMPUTER INFORMATION SYSTEMS

CIS 101 (P/T) 4 Credits
COMPUTER NET I: HOME/SMALL BUSINESS
 First of four networking courses. Fundamentals of networking. Design, build, and support a home or small business network. Prerequisite: CIS 140 or instructor approval.

CIS 102 (P/T) 4 Credits
NETWORKING 2: SMALL/MEDIUM BUSINESS
 Design, configure, implement, and troubleshoot network infrastructure. Prerequisite: CIS 101.

CIS 103 (P/T) 4 Credits
NETWORKING 3: ROUTING & SWITCHING
 Configure and implement a Local Area Network. Perform LAN, WAN, and VLAN troubleshooting. Prerequisite: CIS 102.

CIS 104 (P/T) 4 Credits
NETWORKING 4: DESIGNING & SUPPORTING
 Analyze client needs to design and support effective computer internetworks. Prerequisite: CIS 103.

CIS 110 (P/T) 3 Credits
INFORMATION TECHNOLOGY ESSENTIALS I
 Fundamentals and advanced concepts of computer hardware and software. Assembly and installation of computer components and operating systems. Troubleshooting tools and diagnostic software. Includes laptops, portable devices.

COURSE DESCRIPTIONS

CIS 111 to CJ 120

CIS 111 (P/T) 3 Credits
INFORMATION TECHNOLOGY ESSENTIALS 2
Install network operating systems, and troubleshoot using system tools and diagnostic software. Connect to the internet and share resources in a network environment. Prerequisite: CIS 110.

CIS 133 CS (P/T) 4 Credits
C++ PROGRAMMING I
C++ programming language and its subset, the C programming language. Program structure, blocks, storage types, console and file I/O, functions, arrays, strings, pointers, call-by-reference, call-by-value, and dynamic memory allocation and difference between C++ and C. Introduction to the concept of classes. Prerequisite: CIS 140.

CIS 140 (P/T) 4 Credits
INTRO TO OPERATING SYSTEMS
Effectively utilizing the Command Line Interface (CLI), Microsoft Windows, and Linux operating systems to manage microcomputer operations.

CIS 195 (P/T) 3 Credits
WEBSITE FUNDAMENTALS
Fundamental concepts and techniques used for design, development, and implementation of Web pages using Hypertext Markup Language, specifically XHTML. Also introduce concepts and methods of Javascript, CGI, as well as other topics in web development.

CIS 225 (P/T) 4 Credits
END USER SUPPORT
Effective communication with end users. Training and support functions within Information Systems. Examination of existing models and complete projects demonstrating their understanding of planning, developing, implementing, and evaluating training and support systems. Prerequisite: CIS 120 or instructor approval.

CIS 240 (P/T) 4 Credits
SERVER OPERATING SYSTEMS
Planning, installing, and maintaining a Web server. Internet and Intranet issues, system optimization, server activity monitoring, and server/client security. Prerequisite: CIS 140.

CIS 240 W (P/T) 4 Credits
WINDOWS SERVER OPERATIONS
Provides knowledge and skills required to manage accounts and resources, maintain server resources, monitor server performance, and safeguard data in a Microsoft Windows Server 2003 environment. Prerequisite: CIS 240.

CIS 244 (P/T) 4 Credits
PROJECT MANAGEMENT: ANALYSIS & DESIGN
Computer systems development process, covering aspects of project initiation, analysis, and design. Includes introduction to project management techniques in business environments. Prerequisites: BA 204, WR 101, CIS 120.

CIS 284 (P/T) 4 Credits
NETWORK SECURITY
Introduction to proven techniques for protecting information systems from intruders, while allowing the required access to authorized users. Prerequisite: CIS 240.

COMPUTER SCIENCE

CS 120 4 Credits
COMPUTER CONCEPTS
Introduces students to a variety of computer concepts, operating environments, computer applications, and technologies; emphasizes achieving intermediate competency in each area listed. Appropriate ethical conduct related to computer environments is also discussed.

CS 125 A 4 Credits
DATABASE APPLICATIONS
Introduces microcomputer database systems, including their application, design, and construction. Begins with basic tables, forms, queries, reports, and relational database concepts, and progresses to more advanced concepts and skills, including creating modules, macros and advanced forms and reports. Prerequisite: BA 131, or CS 120 or 160, or instructor approval.

CS 125 SS 4 Credits
SPREADSHEET APPLICATIONS
Presents the features in Microsoft Excel needed to efficiently produce spreadsheets and supporting documents. Provides the skills necessary for MOS certification. Prepares students to create, edit, and format spreadsheets, create formulas, use certain functions, create charts, do business related analysis, work with data lists, create and edit macros, create pivot tables and charts, and display worksheets on the web. Prerequisite: BA 131, or CS 120 or 160, or instructor approval.

CS 160 4 Credits
ORIENTATION TO PROGRAMMING
Explores the field of computer science, providing an overview of machine architecture, software development and engineering, data organization, problem-solving strategies, ethics, and theory of computation. Explores career options and develops rudimentary software development skills. Prerequisite: MATH 65 or suitable placement score.

CS 161 4 Credits
COMPUTER SCIENCE I
Introduces structured methods, including program design concepts, algorithm development, use of pseudo code in designing algorithms, elementary data types, and introduction to programming using the language Java. Prerequisite: CS 160.

CS 162 4 Credits
COMPUTER SCIENCE II
Continues the study of computer science, including linear data structures, file access, recursion, and object oriented programming. Prerequisite: CS 161.

CRIMINAL JUSTICE

CJ 100 3 Credits
INTRO TO CRIMINAL JUSTICE
Introduces the philosophy, history, objectives and functions of the American criminal justice system. Focuses on crime in America and policing.

CJ 111 3 Credits
CONCEPTS OF ENFORCEMENT SERVICES
Studies the concepts, theories, and principles of police operation and behavior in an era of changing community attitudes, special interest groups, and minority relations.

CJ 112 (P/T) 3 Credits
PATROL PROCEDURES
Describes the nature and purpose of patrol activities for law enforcement officers. Includes routine and emergency procedures and types of controls.

CJ 113 (P/T) 3 Credits
ACCIDENT INVESTIGATION/TRAFFIC LAWS
Studies the principles and procedures used to investigate and report traffic accidents. Includes basic traffic laws.

CJ 120 3 Credits
INTRO TO JUDICIAL PROCESS
Studies the basic processes in the criminal justice system, covering the steps in a criminal prosecution from the decision to prosecute through sentencing.

COURSE DESCRIPTIONS

CJ 205 to CJ 232

<p>CJ 205 INTRO TO CORRECTIONS Surveys the history and evolution of corrections, law and legal processes, and the correctional process.</p>	3 Credits	<p>CJ 211 CRIMINAL INVESTIGATIONS II Continues the study and application of investigative techniques for various offenses. Includes collection and preservation of physical evidence, scientific aids, modus operandi, sources of information, interview and interrogation, follow up and case preparation. Prerequisite: CJ 210. Co-requisite: CJ 226.</p>	(P/T) 3 Credits
<p>CJ 132 INTRO TO PAROLE & PROBATION Introduces the use of parole and probation as a means of controlling criminal offenders within the community. Includes the philosophy, historical development and contemporary functioning of parole and probation agencies and officers.</p>	3 Credits	<p>CJ 212 CRIMINAL INVESTIGATIONS III Continues the study and application of investigative techniques for various crimes. Stresses scientific method, thoroughness and presentation of evidence. Explores follow up case preparation, including familiarization with the state crime lab facilities and its assistance to law enforcement agencies. Prerequisite: CJ 211. Co-requisite: CJ 236.</p>	(P/T) 3 Credits
<p>CJ 140 U.S. CRIMINAL JUSTICE SYSTEM Emphasizes the adjunction and correctional aspects of the criminal justice system. Prerequisite: CJ 100.</p>	3 Credits	<p>CJ 216 CRIME SCENE TECHNICIAN I Presents techniques of locating, collecting, and identifying physical evidence. Includes the use of fingerprinting, casts and molds, photography, and sketching. Uses basic laboratory aids and scientific equipment in the evidence process. Co-requisite CJ 210.</p>	(P/T) 1 Credit
<p>CJ 200 COMMUNITY RELATIONS Examines how the relationship between the community and the criminal justice system is clarified and enhanced. Investigates how community misunderstandings, lack of cooperation, and mistrust may paradoxically be generated by the system's efforts to make the community a safer place.</p>	(P/T) 3 Credits	<p>CJ 220 CRIMINAL LAW Examines the basic concepts of criminal law through studying the essential elements of a crime, the defenses to criminal conduct, and the justifications for criminal laws and punishment. Familiarizes the student with the various crimes against persons and property.</p>	3 Credits
<p>CJ 201 INTRO TO JUVENILE JUSTICE Presents the concept of delinquency, the history and development of the juvenile justice system, theories of delinquency, environmental influences on delinquency, and controlling juvenile offenders.</p>	3 Credits	<p>CJ 222 PROCEDURAL LAW Examines the United States Constitution and Bill of Rights and their impact upon law enforcement, with emphasis on search warrants, interviews, arrest and booking, search and seizure issues, 5th Amendment rights, right to counsel, evidentiary issues and the criminal trial.</p>	3 Credits
<p>CJ 202 VIOLENCE & AGGRESSION Explores the causes and extent of violence in society and the family, and examines preventative measures available to reduce violence in society.</p>	(P/T) 3 Credits	<p>CJ 223 RULES OF EVIDENCE Reviews basic concepts of the requirements for admissibility of evidence, the various burdens of proof, how evidence is used at trial, relevance, competency, privileges, opinion and expert testimony, the hearsay rule and its exceptions, and an introductory review of evidence obtained in violation of the Constitution.</p>	3 Credits
<p>CJ 203 CRISIS INTERVENTION Presents techniques and approaches to crisis intervention for entry level criminal justice professionals. Covers initial intervention, defusing and assessment, resolution and/or referral, with emphasis on safety. Includes personal effectiveness, recognition of threat levels, voluntary compliance, verbal and non-verbal communication, active listening, and mediation.</p>	(P/T) 3 Credits	<p>CJ 225 CORRECTIONS LAW Explores several historical and current cases involving inmate crimes and malpractice with inmates. Examines prisoner's rights, correctional staffs' rights, and emerging trends resulting from recent court cases.</p>	3 Credits
<p>CJ 205 VICTIMS OF CRIME Examines the role of victims of crime in the justice system and their treatment by different criminal justice agencies, national and state data on victimization by types of crime, psychology trauma suffered by victims of violent crimes and paths to recovery, programs available to victims, and victim-related legislation.</p>	(P/T) 3 Credits	<p>CJ 226 CRIME SCENE TECHNICIAN II Presents techniques of locating, collecting, and identifying physical evidence. Includes the use of fingerprinting, casts/molds, photography and sketching. Uses basic laboratory aids and scientific equipment in the evidence process. Co-requisite: CJ 211.</p>	(P/T) 1 Credit
<p>CJ 209 INTRO TO CAREERS IN CRIMINAL JUSTICE Surveys careers in law, law enforcement, courts, and corrections. Includes facility visitation and contact with persons working in the criminal justice system.</p>	3 Credits	<p>CJ 232 CORRECTIONS CASEWORK Studies the basic concepts of interviewing and counseling techniques used by correctional officers in one-to-one contacts with clients. Builds rudimentary skills through role-playing and demonstration in preparation for practice in the field and to foster an appreciation for further training.</p>	(P/T) 3 Credits
<p>CJ 210 CRIMINAL INVESTIGATION I Introduces the fundamentals, theory, and history of criminal investigation in the justice system. Describes crime scene-to-courtroom aspects with emphasis on techniques to specific crimes. Co-requisite: CJ 216.</p>	(P/T) 3 Credits		

COURSE DESCRIPTIONS

CS 236 to DRFT 167

CJ 236 (P/T) 1 Credit
CRIME SCENE TECHNICIAN III
 Presents techniques of locating, collecting and identifying physical evidence. Includes the use of fingerprinting, casts and molds, photography and sketching. Uses basic laboratory aids and scientific equipment in the evidence process. Co-requisite: CJ 212.

CJ 260 3 Credits
INTRO TO CORRECTIONS II
 Explores the correctional client, rights of sentenced offenders, corrections as a profession, and correctional systems. Prerequisite: CJ 130.

CROP AND SOIL SCIENCE

CSS 200 (P/T) 4 Credits
PRINCIPLES OF CROP SCIENCE
 Studies the origin and adaptability of crops important in world food production. Emphasizes production and management of food and forage crops important to US Agriculture. Includes field trips to area farms, experiment stations and marketing facilities to augment classroom instruction. Lab required.

CSS 205 (P/T) 3 Credits
GENERAL SOILS
 Studies basic soil science, including genesis and morphology of soils, and their physical and chemical properties. Covers soil-water relationships, diagnosis, classification, management, essential nutrients, erosion, and soil as a medium for plant growth. Students use soil survey reports. Lab required.

CSS 210 (P/T) 3 Credits
FORAGE PRODUCTION
 Identifies the annual feed requirements for a livestock operation and the selection and management of feed and forage crops to meet these needs. Studies grazing and harvest systems and alternatives, and plant growth characteristics in the development of practical farm and ranch programs. Lab required.

CSS 215 (P/T) 3 Credits
SOIL NUTRIENTS AND FERTILIZER
 Addresses the nine macronutrients and six micronutrients essential for plant growth. Instructs students in fertilizer selection as well as interpreting soil sample analysis in making fertilizer recommendations. Prerequisite: CSS 205.

CSS 217 (P/T) 1 Credit
PESTICIDE SAFETY AND USE
 Presents federal and state pesticide laws and regulations, and the practices necessary for safe, effective handling and distribution of pesticides. Prepares for the "Laws and Safety Examination" for those wanting either a public or commercial license; and the "Private Applicator Examination" administered by the Oregon/Idaho State Department of Agriculture.

CSS 240 (P/T) 3 Credits
INTRO TO NOXIOUS WEEDS
 Presents elements needed for a basic understanding of the life cycles, spread, and destructive nature of noxious weeds, including how to distinguish a noxious weed from a weed and identification of the more common noxious weeds found in the Pacific Northwest. Lab required.

CSS 242 (P/T) 3 Credits
INTEGRATED WEED MANAGEMENT
 Focuses on how to obtain a desired plant community by learning many kinds of techniques in a mutually supportive manner. Presents how to select, integrate, and implement effective weed control measures with due consideration for economic, ecological and sociological consequences. Lab required. Prerequisite: CSS 240, or Instructor approval.

DRAFTING

DRFT 112 (P/T) 3 Credits
GENERAL DRAFTING
 Introduces basic drafting techniques, emphasizing the use of standard drawing instruments, layout procedures, sketching, multi-view projections and geometric construction.

DRFT 131 (P/T) 2 Credits
GIS TERRAIN MAPPING & ANALYSIS
 Covers digital elevation models (DEM) and triangular irregular networks (TIN) for incorporating terrain mapping and analysis into a variety of applications. Prerequisite: GEOG 265.

DRFT 132 (P/T) 2 Credits
GIS NETWORK MODELING
 Covers path analysis and network applications dealing with movement and linear features for vector-based and topologically connected, shortest path analysis applications (in-car navigation). Compares path analysis with raster and vector data for GIS applications, finding a "virtual" least-cost path. Prerequisite: GEOG 265.

DRFT 133 (P/T) 2 Credits
GIS SPATIAL ANALYSIS
 Covers vector data analysis, buffering and applications, and overlay applications, and examines spatial statistics for pattern analysis. Presents four common types of raster data analysis for local, neighborhood, and zonal operations, and physical distance measurements. Prerequisite: GEOG 265.

DRFT 134 (P/T) 2 Credits
MAP PROJECTIONS & COORDINATE SYSTEM
 Covers basic principles of GIS map coordinate systems. Bridges the two systems of x and y planes with longitude and latitude values transforming the Earth's surface into a plane which can be used for projecting a coordinate system. Prerequisite: GEOG 265.

DRFT 135 (P/T) 2 Credits
INTRO TO VISUAL BASIC
 Covers writing VB scripts and creating custom applications. Utilizes object oriented programming and creates simple VB scripts to customize the GIS interface, edit tables and text files, manipulate views and themes, and create dialogs and extensions. Prerequisite: GEOG 265.

DRFT 136 (P/T) 3 Credits
GIS APPLICATIONS
 Covers the applications for integration of GIS with GPS and wireless technologies for location based services, in-car navigation, and interactive-mapping websites. Prerequisite: GEOG 265.

DRFT 162 (P/T) 3 Credits
BLUEPRINT READING PIPE L/O
 Provides the basic knowledge to create process pipe drawing. Introduces the fundamental concepts and techniques used with the process piping industry.

DRFT 167 (P/T) 4 Credits
COMPUTER AIDED DRAFTING I
 Introduces Windows basics, and the Auto CAD program, including 2D drawing, editing, display commands and functions, layer management, and line types and colors. Covers multi and auxiliary view layout and prototype drawing creation. Applies the AutoCAD program to mechanical, schematic, and architectural drawings. Recommended Prerequisite: DRFT 112.

COURSE DESCRIPTIONS

DRFT 168 to EDUC 156

DRFT 168 (P/T) 4 Credits
COMPUTER AIDED DRAFTING II
 Presents intermediate and advanced dimensioning and tolerancing operations. Includes creating and editing multi-line and spline objects, producing full-scale drawing output on a plotting device, and drawing section views and graphic patterns. Prerequisite: DRFT 167.

DRFT 169 (P/T) 4 Credits
COMPUTER AIDED DRAFTING III
 Offers advanced drafting techniques used to create a symbol library, create and edit blocks and attributes, describe and use external references, create viewports in paper space and model space, and create simple isometric and 3D drawings. Prerequisite: DRFT 168.

ECONOMICS

ECON 201 3 Credits
PRINCIPLES OF ECONOMICS: MICRO
 Introduces economics and the economy. Addresses the nature and methods of economics, the economizing problem, practical understanding of individual markets, demand and supply, and private and public economic systems. Uses practical, everyday real life, individual decisions about unlimited demands vs scarce resources.

ECON 202 3 Credits
PRINCIPLES OF ECONOMICS: MACRO
 Introduces macro (group) economics from the student perspective as both a consumer and a producer living in a society of laws and regulations. Studies the political and economic environments through the lens of national income, employment, and fiscal policy; money, banking, and monetary policy; long-run perspectives of aggregate supply/demand; economic growth; and macroeconomic debates.

ECON 203 3 Credits
PRINCIPLES OF ECONOMICS: ISSUES
 Introduces economic issues and applications from the student perspective as both a consumer and a producer living in an economic environment where they are both a seller of their labor and other resources, and a buyer of goods and services. Studies the political and economic environment through specific issues, including labor, agriculture, wages, health care, education industry, international trade, exchange rates, and the economics of developing countries.

EDUCATION

EDUC 101 (P/T) 3 Credits
INTRO TO PARAEDUCATOR
 Explores the role of paraeducator in educational settings, including special education, elementary and secondary classrooms. Includes attendance at faculty meetings, in-service trainings, team building skills, paraeducators' duties, responsibilities, and general strategies.

EDUC 103 (P/T) 3 Credits
INSTRUCTIONAL SUPPORT
 Studies the paraeducator's role in the regular and special education classes K-12, focusing on responsibilities of the paraeducator, working collaboratively with the classroom teacher, planning and implementing tutorial strategies, locating resources for tutoring, and knowing the tenets of NCLB in regards to students, curriculum, assessments, and family involvement. Features working with LEP student.

EDUC 106 (P/T) 3 Credits
CHILD DEVELOPMENT II
 Studies child growth and development from prenatal to toddlerhood. Covers issues such as attachment and separation, sensorimotor learning, infant communication, major theories, and appropriate behavioral expectations.

EDUC 140 (P/T) 3 Credits
INTRO EARLY CHILDHOOD EDUCATION
 Introduces the field of early childhood education, including history, trends of early childhood, state and federal regulations, community resources, social services, and career opportunities.

EDUC 141 (P/T) 3 Credits
CHILD DEVELOPMENT I
 Introduces child development, including theories of growth and development during 0-8 years. Studies children's behaviors from a developmental perspective and implications for care giving of infants, toddlers, and pre-schoolers. Covers special needs of 0-8 year olds.

EDUC 142 1 Credit
EDUCATION ORIENTATION
 Introduces Eastern Oregon University's education program, focusing on acquiring information about CUESTE, MTE, MUD, reading endorsements, CORE, location of main Campus, satellite campuses, library resources, and development of a four year plan.

EDUC 143 (P/T) 3 Credits
CHILD DEVELOPMENT III
 Studies physical, social, emotional, language development, and cognitive areas of growth and development for children ages 2 1/2 to adolescence.

EDUC 144 (P/T) 3 Credits
OBSERVATION I
 Studies individual patterns of growth and development of young children. Uses objective techniques for observing, recording, interpreting behaviors, and designing appropriate activities. Applies to K-12 and early childhood.

EDUC 145 (P/T) 3 Credits
GUIDANCE I-EARLY CHILDHOOD ED
 Familiarize students with the principles of positive guidance for young children.

EDUC 149 (P/T) 3 Credits
INFANT/TODDLER CAREGIVING
 Presents caregiving techniques for infants and toddlers with special emphasis on group care practices for this age. Studies routines, such as nutrition, feeding, diapering, sleep, and nurturing. Reviews roles of parents, nannies, family daycare provider, and center caregiver provider.

EDUC 150 (P/T) 3 Credits
CURRICULUM I-EARLY CHILDHOOD ED
 Introduces appropriate curriculum for young children. Focuses on creative play curriculum and the whole child approach.

EDUC 153 (P/T) 3 Credits
EARLY CHILDHOOD ENVIRONMENTS
 Studies how the physical environment influences the behaviors of early childhood growth and development. Examines separate areas of emotional, social, cognitive, and language factors that are influenced by the classroom environment.

EDUC 154 (P/T) 3 Credits
LITERATURE & LITERACY FOR ECE
 Studies how emergent literacy and literature develop in young children, including strategies for working with families of diverse learning styles, in order to promote and support literacy in the home.

EDUC 156 (P/T) 1 Credit
COOPERATIVE PLAN SEMINAR I
 Focuses on issues, concerns, and integrative skills necessary to achieve appropriate competency levels in the early childhood and elementary classrooms. Co-requisite: EDUC 281.

COURSE DESCRIPTIONS

EDUC 157 to EDUC 248

EDUC 157 MATH DEVELOPMENT FOR ECE Studies developmentally appropriate practices for readiness in math skills. Focuses on color and shape, number recognition, attribution, sorting, organizing, simple problem solving, calendar events, counting, time, and patterns. Uses manipulatives as the major strategy.	(P/T)	3 Credits	EDUC 230 INTRO TO CHILD ABUSE AND NEGLECT Explores the definition, scope, and impact of child abuse and neglect. Assessment of child neglect, risk and protective factors are also studied. Child neglect prevention and intervention also studied.	(P/T)	3 Credits
EDUC 158 BILINGUAL LANGUAGE DEVELOPMENT Applies theories in first and second language acquisition. Studies cognitive, affective, and social variables influencing language acquisition.	(P/T)	3 Credits	EDUC 233 CRITICAL FACTORS IN PARENT NEGLECT Focuses upon the study of child neglect, neglectful parents, the forces that have damaged parents, and strategies for teachers working with neglectful parents.	(P/T)	3 Credits
EDUC 159 MUSIC DEVELOPMENT FOR ECE Provides background knowledge of how the young child experiences sound and music. Presents appropriate music for young children and how to influence an awareness of music within the young child.	(P/T)	3 Credits	EDUC 240 CURRICULUM II- EARLY CHILDHOOD ED Provides in-depth experiences for students in understanding and creating developmentally appropriate curriculum for young children. Involves student's use of technology as a means of developing curriculum. Familiarizes the student with technology infusion in early childhood education curriculum.	(P/T)	3 Credits
EDUC 160 CURRICULUM STUDIES/MATH Studies how to effectively assist classroom teachers in tutoring students in math and science, including how to effectively assist LEP students in math and science achievement and success. Prerequisite: Math 20.	(P/T)	3 Credits	EDUC 241 CURRICULUM III- EARLY CHILDHOOD ED Emphasizes science, nature, cognition, and large group activities. Includes planning of activities that meet the needs of young children.	(P/T)	3 Credits
EDUC 166 COOPERATIVE PLAN SEMINAR II Focuses on continued mastery of skills for working with competency levels in the early childhood and elementary classrooms. Emphasizes self-evaluation, attitude analysis, and value clarification. Prerequisite: EDUC 156/281. Co-requisite: EDUC 282.	(P/T)	1 Credit	EDUC 242 EDUCATIONAL CONCEPTS Reviews effective teaching, history of education, education philosophies, classroom covert/overt curriculum, school financing, special needs students, classroom responsibilities, career pathways, leadership, and school law. Intended for EOU-bound students.		3 Credits
EDUC 176 COOPERATIVE PLAN SEMINAR III Focuses on strategies for developmentally appropriate competencies in early childhood, working with LEP children and families, special needs practices, and self-evaluation in the workplace. Prerequisite: EDUC 156/281 and EDUC 166/282. Co-requisite: EDUC 283.	(P/T)	1 Credit	EDUC 244 OBSERVATION II- EARLY CHILDHOOD ED Emphasizes observing, recording, and interpreting behaviors of students, including early childhood and elementary classrooms. Explores implementing appropriate programs for the educational setting. Investigates differences between multiple observation forms, and informal and formal observations.	(P/T)	3 Credits
EDUC 200 INTRO TO EDUCATION Surveys the American education system, emphasizing organization, professional practice, technology, governance, law, demographics, effective teaching, philosophies of education, special needs students, covert/overt curriculum, school financing, classroom responsibilities, and rights of teachers, schools, and students. Includes experiences in school teaching, classroom practices, classroom observations, teacher profiles, and professional portfolios.		4 Credits	EDUC 245 GUIDANCE II-EARLY CHILDHOOD ED Surveys principles and practices of guidance, emphasizing conflict resolution, self-esteem builders, classroom management, educator's self-esteem, and effective communication with young children.	(P/T)	3 Credits
EDUC 202 EDUCATIONAL TECHNOLOGY Emphasizes keeping current with effective use of technology in the K-12 classroom. Includes programs, troubleshooting, imaging devices, software, computer support, distance learning, instructional principles, operating systems, evaluations, and human issues in technology learning.	(P/T)	4 Credits	EDUC 246 FAMILY/COMMUNITY RELATIONS-ECE Emphasizes building and maintaining positive relationships among school, family, and community, including the use of conferences, meetings, and other resources as effective methods for fostering cooperation and parent involvement.	(P/T)	3 Credits
EDUC 210 THEORY & PRACTICUM Provides school experience working with classroom teacher and students in areas of reading, outdoor activities, mathematics, language acquisition, learning theories, and use of technology in the classroom. Prerequisite: Instructor approval.		1 Credit	EDUC 247 CLASSROOM MANAGEMENT Focuses on techniques for program organization in early childhood classrooms, such as supervising and evaluating adults, conflict resolution skills, budgeting and supplies, policies and procedures, and other supervisory responsibilities.	(P/T)	3 Credits
EDUC 213 SCHOOL LAW Studies laws relevant to classroom processes, rights and responsibilities of teachers, schools, students, and families.	(P/T)	3 Credits	EDUC 248 SPECIAL NEEDS & MAINSTREAMING Examines specific areas of special needs in the early childhood classroom and the approaches to mainstreaming those students.	(P/T)	3 Credits

COURSE DESCRIPTIONS

EDUC 250 to ENG 109

EDUC 250 (P/T) 4 Credits
EXCEPTIONALITY IN THE SCHOOLS

Surveys the student's ability and disability in the schools, including characteristics of students with disabilities, legal requirements for educating students with disabilities, and basic educational strategies.

EDUC 258 (P/T) 3 Credits
ETHNIC STUDIES FOR ECE EDUCATORS

Studies strategies for assisting classroom teachers in implementing appropriate programs for addressing cultural diversity within the classroom.

EDUC 270 (P/T) 3 Credits
PARAEDUCATOR CURRICULUM STUDIES/LA

Examines strategies for assisting classroom teachers in implementing appropriate programs for Language Arts. Focuses on regular and LEP students. Prerequisite: WR 95.

EMERGENCY MEDICAL TECHNICIAN

EMT 0904 (P/T) 0 Credits
EMT INTERMEDIATE I

Covers theory and practice of procedural responsibilities related to the EMT-Intermediate. Incorporates discussion, demonstration and practical application of roles and responsibilities, patient assessment, oxygenation, ventilation, airway adjuncts, shock, intravenous therapy, intraosseous therapy, basic ECG monitoring, defibrillation, pharmacology, and EMT-Intermediate protocols. Includes 76 hours didactic training and 44 hours clinical training. Presented over two terms. Prerequisite: Oregon certified EMT Basic.

EMT 0905 (P/T) 0 Credits
EMT INTERMEDIATE II

Covers theory and practice of procedural responsibilities related to the EMT-Intermediate. Incorporates discussion, demonstration and practical application of roles and responsibilities, patient assessment, oxygenation, ventilation, airway adjuncts, shock, intravenous therapy, intraosseous therapy, basic ECG monitoring, defibrillation, pharmacology, and EMT-Intermediate protocols. Includes 76 hours didactic training and 44 hours clinical training. Presented over two terms. Prerequisite: Oregon certified EMT Basic, EMT 0904.

EMT 151 (P/T) 5 Credits
EMT BASIC I

Begins EMT-Basic training. With EMT 152, combines 140 hours didactic- and 8 hours practical training in basic pre-hospital emergency medical care and transportation of the sick and injured. Meets Oregon State Health Division and the Federal Department of Transportation requirements for the EMT-Basic. Presents skills and instruction over two terms and prepares students to take and pass the Oregon State Health division certification examination for EMT Basic. Prerequisites: Specific qualifications apply.

EMT 152 (P/T) 5 Credits
EMT BASIC II

Continues EMT-Basic training. With EMT 151, combines 140 hours didactic- and 8 hours practical training in basic pre-hospital emergency medical care and transportation of the sick and injured. Meets Oregon State Health Division and the Federal Department of Transportation requirements for the EMT-Basic. Presents skills and instruction over two terms and prepares students to take and pass the Oregon State Health division certification examination for EMT Basic. Prerequisites: Specific qualifications apply.

EMT 169 (P/T) 3 Credits
EMT RESCUE

Presents elementary procedures of rescue practices, systems, compo-

nents, and control of rescue operations for rough terrain, water rescue, vehicle extrication with patient access and care, and patient packaging. Introduces techniques and tolls of patient extrication. Lab included.

EMT 170 (P/T) 3 Credits
EMERGENCY COMM & PATIENT TRANS

Includes emergency response driving, ORS, OAR, DMV laws, maintenance and safety, route planning, communication systems, radio types, and HEAR system. Prerequisite: valid drivers license.

EMT 175 (P/T) 3 Credits
INTRO EMERGENCY MEDICAL SERVICES

Covers the role and responsibilities of the EMT, emergency medical services systems, medical-legal considerations, major incident response, hazardous materials awareness, and stress management.

ENGLISH

ENG 104 3 Credits
INTRO TO LITERATURE

Examines the genre of fiction, primarily through the short story. Emphasizes the basic elements of fiction (plot, characters, conflict, theme, etc.) and how these elements are combined successfully or unsuccessfully to create a story. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 105 3 Credits
INTRO TO LITERATURE

Explores the genre of drama through an examination of its basic elements and history, including required attendance at a play performance. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 106 3 Credits
INTRO TO LITERATURE

Explores the genre of poetry through an examination of its basic elements and styles. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 107 3 Credits
INTRO TO WORLD LITERATURE

Explores the development and variety of world literature from the ancient world to the present, focusing from the ancient world to the Renaissance. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 108 3 Credits
INTRO TO WORLD LITERATURE

Explores the development and variety of world literature from the ancient world to the present, focusing on Neoclassicism, Romanticism, and Realism. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 109 3 Credits
INTRO TO WORLD LITERATURE

Explores the development and variety of world literature from the ancient world to the present, focusing on the Twentieth Century. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

COURSE DESCRIPTIONS

ENG 195 to ETHN 103

ENG 195 3 Credits
FILM STUDIES

Will cover the history, techniques, and art of film. There will be in-class film viewing and discussions with an emphasis on how to analyze and evaluate a variety of stylistic approaches. Prerequisite: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 201 3 Credits
INTRO TO SHAKESPEARE

Covers a cross-section of Shakespeare's major tragedies with attention to his life and times, production techniques, the plays' relevance today, and literary conventions such as structure, theme, and characterization. May include Hamlet, Macbeth, or other selections. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 202 3 Credits
INTRO TO SHAKESPEARE

Covers a cross-section of Shakespeare's major comedies with attention to his life and times, production techniques, the plays' relevance today, and literary conventions such as structure, theme, and characterization. May include Much Ado About Nothing, Twelfth Night, or other selections. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 203 3 Credits
INTRO TO SHAKESPEARE

Covers a cross-section of Shakespeare's major histories with attention to his life and times, production techniques, the plays' relevance today, and literary conventions such as structure, theme, and characterization. May include Julius Caesar, Henry IV, or other selections, and the critics. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 204 3 Credits
ENGLISH LITERATURE

Discusses English literature from the Middle Ages to the Sixteenth Century. Emphasizes the relationship between the work of literature and the author and age. Stresses cultural and historical differences between past ages and ours, and the enduring identities of human experience. Gives special attention to the elements of poetry and prose style. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 205 3 Credits
ENGLISH LITERATURE

Discusses English literature from the Seventeenth Century to the Restoration and Eighteenth Century. Emphasizes the relationship between the work of literature and the author and age. Stresses cultural and historical differences between past ages and ours, and the enduring identities of human experience. Gives special attention to the elements of poetry and prose style. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 206 3 Credits
ENGLISH LITERATURE

Discusses English literature from the Romantic, Victorian and Twentieth Century. Emphasizes the relationship between the work of literature and the author and age. Stresses cultural and historical differences between past ages and ours, and the enduring identities of human experience. Gives special attention to the elements of poetry and prose style. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 253 3 Credits
SURVEY OF AMERICAN LITERATURE

Traces the development of American literature from the age of exploration to the present. Focus: from the age of exploration to the Civil War. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 254 3 Credits
SURVEY OF AMERICAN LITERATURE

Traces the development of American literature from the age of exploration to the present. Focus: from the Civil War to 1910. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 255 3 Credits
SURVEY OF AMERICAN LITERATURE

Traces the development of American literature from the age of exploration to the present. Focus: from 1910 to the present. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ENG 260 3 Credits
INTRO TO WOMEN WRITERS

Introduces the literature and critical perspectives of women writers, emphasizing British and North American Women writers of the twentieth century. Focuses on developing a critical framework for examining issues related to race, gender, identity, and representation in literary works by women. Prerequisite: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

ETHNIC STUDIES

ETHN 101 3 Credits
ETHNIC STUDIES

Studies American race and ethnic relations from a modern sociological perspective, including prejudice, stereotyping, discrimination, inclusion, and social justice. Focuses on early European immigration, Anglo domination, Native Americans and Asian Americans in terms of their cultural heritage, history, and current sociological issues. Covers other minority ethnic groups, and the history and current policies of immigration.

ETHN 102 3 Credits
ETHNIC STUDIES

Studies American race and ethnic relations from a modern sociological perspective, including prejudice, stereotyping, discrimination, inclusion, and social justice. Focuses on African-Americans, Arab and Muslim Americans, and Jewish Americans in terms of their cultural heritage, history, and current sociological issues. Covers other minority ethnic groups, and the history and current policies of immigration.

ETHN 103 3 Credits
ETHNIC STUDIES

Studies American race and ethnic relations from a modern sociological perspective, including prejudice, stereotyping, discrimination, inclusion, and social justice. Focuses on Hispanic Americans, Eastern Europeans, and religious minorities in terms of their cultural heritage, history, and current sociological issues. Covers other minority ethnic groups, and the history and current policies of immigration.

FOOD AND NUTRITION

FNUT 225 4 Credits
NUTRITION
 Examines the basic principles and practices which comprise the science of nutrition. Studies the effect of food and nutrient intake on the body. Examines retention of nutrients and food substances during processing, the role of digestion and absorption, and components of an adequate diet. Includes scientific research paper on therapeutic nutrition and 5 day Dietary Analysis.

FORESTRY

FOR 111 3 Credits
 (P/T)
INTRODUCTION TO FORESTRY
 Provides a broad overview of the forestry discipline. Topics covered will range from importance of forest, forest recreation, forest management, forest wildlife, forest measurement, and other forest uses. Students will be exposed to current issues in forestry with a particular focus on Oregon and the Pacific Northwest. Students will also learn through field trips to local forested regions.

FORESTRY AND WILDLAND RESOURCES

FWR 101 1 Credit
 (P/T)
NATURAL RESOURCES SEMINAR
 Provides information and self-evaluation in areas of goal setting, educational planning, student activities, electronic student accounts, study skills, and successful navigation of the college system. Emphasizes academic and career plans for students interested in Natural Resources.

GEOGRAPHY

GEOG 101 4 Credits
PHYSICAL GEOGRAPHY
 Provides an overview of physical geography, including foundations of geography; solar energy, seasons, and the atmosphere; energy and global temperatures; atmospheric and oceanic circulation; and water and weather.

GEOG 105 3 Credits
INTRO TO CULTURAL GEOGRAPHY
 Studies the patterns of diversity and unity among the world's cultural groups. Examines the spatial interaction of society and how factors such as climate influence cultures by focusing on analysis of settlement, economics, politics, religion, language and other cultural phenomena. Includes globalization and the effects upon culture.

GEOG 265 4 Credits
 (P/T)
GEOGRAPHIC INFO SYSTEMS (GIS) I
 Introduces Geographic Information Systems (GIS) using ArcView desktop mapping software. Emphasizes the management of graphic and textual information within a single system. Uses ArcView's basic tools and object-oriented data structure to create charts, graphs, reports and layouts.

GEOG 285 4 Credits
 (P/T)
GEOGRAPHIC INFO SYSTEMS (GIS) II
 Continues advanced study of Geographic Information Systems using Arc GIS mapping software. Works with a variety of techniques and software to collect and convert data between various formats, projections, and coordinate systems to produce data in usable forms. Prerequisite: GEOG 265.

GEOLOGY

GEOL 201 4 Credits
PHYSICAL GEOLOGY
 Emphasizes theories of the formation of the earth and its evolution as a system. Investigates the nature and distribution of minerals and rocks; igneous, weathering, sedimentary, and metamorphic processes; extraction of mineral resources; and the theory of plate tectonics. Labs and/or field trips required.

GEOL 202 4 Credits
PHYSICAL/HISTORICAL GEOLOGY
 Investigates earth history, earth structure, earthquakes and seismology, mountain building, plate tectonics, and mass wasting. Lab and/or field trip required. Prerequisite: GEOL 201 or GSCI 106 or instructor approval.

GEOL 203 4 Credits
PHYSICAL GEOLOGY
 Investigates the creation and distribution of land forms and the nature and consequence of surface water, ground water, glaciers, wind, deserts and shorelines. Lab and/or field trip required. Prerequisite: GEOL 201 or 202, or instructor approval.

GEOLOGICAL SCIENCE

GSCI 104 4 Credits
PHYSICAL SCIENCE PHYSICS
 Surveys the general principles of physics. May include mechanics, electricity, heat, light, and nuclear physics. Intended for non-science majors. Lab required.

GSCI 105 4 Credits
PHYSICAL SCIENCE CHEMISTRY
 Surveys the fundamentals of inorganic chemistry, including the importance of chemistry in our modern society. Provides practical experience in measurement, density, structure of atom, nuclear chemistry, energy and environmental issues. Intended for non-science majors. Lab required.

GSCI 106 4 Credits
PHYSICAL SCIENCE GEOLOGY
 Introduces minerals and rocks, and a survey of the principles of geology, erosion, plate tectonics and the structure of the earth. Intended for non-science majors. Lab and/or field trip required.

GSCI 107 4 Credits
PHYSICAL SCIENCE ASTRONOMY
 Includes solar and galactic astronomy, a study of the sun, planets, stars and galaxies, and modern discoveries in the field of astronomy. Intended for non-science majors. Lab required.

GSCI 108 4 Credits
PHYSICAL SCIENCE OCEANOGRAPHY
 Introduces the physical, chemical, geological, and biological processes which occur in the oceans. Intended for non-science majors. Lab and/or field trip required.

GSCI 110 4 Credits
PHYSICAL SCIENCE ENERGY
 Surveys the various energy sources used in our society, including fossil fuels, nuclear power, and renewable energy sources. Addresses environmental and societal issues, energy conservation, transportation, air pollution, and global effects. Intended for non-science majors. Lab required.

COURSE DESCRIPTIONS

GSCI 161 to HIST 102

GSCI 161 (P/T) 3 Credits
MEDICAL TERMINOLOGY I
Examines the pronunciation, spelling, origin, meaning, and usage of scientific terms employed by health care professionals. Emphasizes human anatomical terminology. Intended for students preparing for careers in the health professions.

HEAVY EQUIPMENT OPERATOR

HEO 100 (P/T) 12 Credits
HEAVY EQUIPMENT BASICS
Introduction to basic concepts in operation, safety, inspection of Skidsteer, Backhoe, Excavators, Dozer, Scraper, Loader, and Blade. Concepts in grade-setting, lasers, and GPS driven operations will be covered.

HEO 101 (P/T) 7 Credits
HEAVY EQUIPMENT BASICS I
Introduction to basic operation of safety, grade-setting, lasers, GPS, inspection of Skidsteer, Backhoe, and Excavators. Prerequisite: HEO 100.

HEO 102 (P/T) 7 Credits
HEAVY EQUIPMENT BASICS II
Introduction to basic operation of safety, grade-setting, lasers, GPS, inspection of equipment, operation of Dozer, Backhoe, and Scraper. Prerequisite: HEO 100.

HEO 103 (P/T) 7 Credits
HEAVY EQUIPMENT BASICS III
Introduction to basic operation of safety, grade-setting, lasers, GPS, inspection of equipment, operation of Dozer, Backhoe, and Scraper. Prerequisite: HEO 100.

HEO 104 (P/T) 7 Credits
ADVANCED HEAVY EQUIPMENT BASICS I
Advanced operational training on Scraper, Dozer, and Blade. Prerequisite: HEO 100.

HEO 105 (P/T) 7 Credits
ADVANCED HEAVY EQUIPMENT BASICS II
Advanced operational training on Scraper, Dozer, and Blade. Prerequisite: HEO 100.

HEO 106 (P/T) 7 Credits
ADVANCED HEAVY EQUIPMENT BASICS III
Advanced operational training on Scraper, Dozer, and Blade. Prerequisite: HEO 100.

HEO 107 (P/T) 9 Credits
HEAVY EQUIPMENT TRUCK DRIVING
Procedures for moving equipment, including proper tie down, loading/unloading, signage and use of flag cars. Driving training with comprehensive instruction concerning commercial drivers license requirements.

HUMAN DEVELOPMENT

HDEV 112 1 Credit
ORIENTATION TO COLLEGE
Provides information and self-evaluation in areas of goal setting, educational planning, career interest, learning styles, time management, study skills, and successful navigation of the college system (financial aid, resources, policies).

HDEV 113 1 Credit
REDUCING TEST ANXIETY
This course is designed to help the student who suffers from math anxiety. Topics include identifying math strengths, weaknesses and sources of anxiety, study and test-taking techniques specific to math, time management skills, stress and anxiety reducing techniques, using individual learning styles, and memory techniques.

HDEV 116 1 Credit
MINDS OVER MATTERS
Assists new students in the management of the educational, social, and athletic components of their college career with the overall intention of achieving a healthy lifestyle and a positive transition into a higher educational environment. Topics include leadership, diversity, substance abuse law & responsibility, nutrition, money management, community resources and career development. Recommended for student-athletes and physical education majors.

HDEV 120 3 Credits
COLLEGE SURVIVAL & SUCCESS
Provides student success strategies, including analyzing academic needs, developing long-term academic plans, exploring career choices, and accessing electronic and human resources on campus. Presents effective communication skills, time management, test taking, note taking, memory and study techniques, and stress management.

HDEV 202 2 Credits
LIFE TRANSITIONS
Initiates empowerment of those experiencing significant changes or seeking new directions for their lives. Emphasizes personal development by exploring values, interests, strengths, and abilities using assessments and professional guidance. Examines choices in terms of careers, education, volunteer work and personal creativity.

HDEV 208 3 Credits
CAREER PLANNING
Assists students in identifying skills, interests and values as they relate to career choices. Includes self-assessment, career exploration, job search strategies, decision-making, and goal setting. Requires students to conduct informational interviews and begin to build personal portfolios.

HDEV 209 1 Credit
COMPLETE JOB FINDER
Provides intensive instruction in job search skills. Explores local and statewide options for employers. Examines what makes a qualified employee in both hard and soft skills.

HISTORY

HIST 101 3 Credits
HISTORY OF WESTERN CIVILIZATIONS
Examines the major ideas, issues, events and personalities of the time. Offers different frameworks of analysis to enhance comprehension and critical thinking. Includes the Birth of Civilization, Greece and Rome, Middle Ages, and Renaissance.

HIST 102 3 Credits
HISTORY OF WESTERN CIVILIZATIONS
Examines the major ideas, issues, events and personalities of the time. Offers different frameworks of analysis to enhance comprehension and critical thinking. Includes the Reaffirmation, Absolutism, the Scientific and Industrial Revolutions, and the French Revolution.

COURSE DESCRIPTIONS

HIST 103 to HPE 180 S

HIST 103 3 Credits
HISTORY OF WESTERN CIVILIZATIONS
 Examines the major ideas, issues, events and personalities of the time. Offers different frameworks of analysis to enhance comprehension and critical thinking. Includes the age of Napoleon, the age of nation-states, the birth of modern European thought. World War I, Great Depression, World War II, the Vietnam War, and through to the present.

HIST 201 3 Credits
U.S. HISTORY
 Examines the major ideas, issues, events, and personalities of the time. Offers different frameworks of analysis to enhance comprehension and critical thinking. Includes early migration into North America through nationhood to the eve of the Civil War.

HIST 202 3 Credits
U.S. HISTORY
 Examines the major ideas, issues, events and personalities of the time. Offers different frameworks of analysis to enhance comprehension and critical thinking. Includes westward movement, Civil War, industrial America, and the Progressive Era.

HIST 203 3 Credits
U.S. HISTORY
 Examines the major ideas, issues, events and personalities of the time. Offers different frameworks of analysis to enhance comprehension and critical thinking. Includes WWI, Depression and New Deal, WWII, Vietnam War, and the 1960's through to the present.

HEALTH AND PHYSICAL EDUCATION

HPE 120 2 Credits
FIRST AID & CPR
 Teaches the proper techniques in administering CPR and rescue breathing on an adult, child and infant and the use of an Automated External Defibrillator (AED) on an adult and child victim. Presents the proper techniques for clearing an obstructed airway on both a conscious and unconscious victim of any age, and the proper first aid procedures to control bleeding, treat for shock, bandage wounds, splint broken bones and numerous other emergency care techniques. Awards two certifications from the American Heart Association upon successful completion of both the American Heart Association's CPR and First Aid exams.

HPE 131 3 Credits
INTRO TO P.E. & HEALTH
 Introduces the broad spectrum of fields related to exercise science. Covers the history, and current and future trends within the exercise field. Includes an introduction to anatomy. Discusses athletic training as a profession, biomechanics and exercise physiology, and modern trends related to nutrition, sports psychology and measurements.

HPE 180 B 1 Credit
ADVANCED BASKETBALL (WOMEN)
 Advanced training in the sport of basketball. Team concepts for basketball will be taught that include strategy for competition, drill work associated with player development, and mental preparation.

HPE 180 BC 1 Credit
BASKETBALL CONDITIONING (WOMEN)
 Advanced conditioning in the sport of basketball. Conditioning basketball athletes to train the aerobic and anaerobic systems for the enhancement of player performance.

HPE 180 C 1 Credit
ADVANCED CROSS COUNTRY (WOMEN)
 Advanced training in the sport of cross country. Team concepts for cross country will be taught that include strategy for competition, drill work associated with player development, and mental preparation.

HPE 180 CC 1 Credit
CROSS COUNTRY CONDITIONING (WOMEN)
 Advanced conditioning in the sport of cross country. Conditioning cross country athletes to train the aerobic and anaerobic systems for the enhancement of player performance.

HPE 180 D 1 Credit
ADVANCED SOFTBALL (WOMEN)
 Advanced training in the sport of softball. Team concepts for softball will be taught that include strategy for competition, drill work associated with player development, and mental preparation.

HPE 180 DC 1 Credit
SOFTBALL CONDITIONING (WOMEN)
 Advanced conditioning in the sport of softball. Conditioning softball athletes to train the aerobic and anaerobic systems for the enhancement of player performance.

HPE 180 F 1 Credit
ADVANCED TRACK & FIELD (WOMEN)
 Advanced training in the sport of track and field. Team concepts for track and field will be taught that include strategy for competition, drill work associated with player development, and mental preparation.

HPE 180 FC 1 Credit
TRACK & FIELD CONDITIONING (WOMEN)
 Advanced conditioning in the sport of track and field. Conditioning track and field athletes to train the aerobic and anaerobic systems for the enhancement of player performance.

HPE 180 G 1 Credit
ADVANCED GOLF (WOMEN)
 Advanced training in the sport of golf. Team concepts for golf will be taught that include strategy for competition, drill work associated with player development, and mental preparation.

HPE 180 GC 1 Credit
GOLF CONDITIONING (WOMEN)
 Advanced conditioning in the sport of golf. Conditioning golf athletes to train the aerobic systems for the enhancement of player performance.

HPE 180 R 1 Credit
ADVANCED RODEO (WOMEN)
 Advanced training in the sport of rodeo. Team concepts for rodeo will be taught that include strategy for competition, drill work associated with player development, and mental preparation.

HPE 180 RC 1 Credit
RODEO CONDITIONING (WOMEN)
 Advanced conditioning in the sport of rodeo. Conditioning rodeo athletes to train the aerobic and anaerobic systems for the enhancement of player performance.

HPE 180 S 1 Credit
ADVANCED SOCCER (WOMEN)
 Advanced training in the sport of soccer. Team concepts for soccer will be taught that include strategy for competition, drill work associated with development, and mental preparation.

COURSE DESCRIPTIONS

HPE 180 SC to HPE 190 TC

HPE 180 SC SOCCER CONDITIONING (WOMEN) Advanced conditioning in the sport of soccer. Conditioning soccer athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit	HPE 190 DC BASEBALL CONDITIONING (MEN) Advanced conditioning in the sport of baseball. Conditioning baseball athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit
HPE 180 T TENNIS (WOMEN) Advanced training in the sport of tennis. Team concepts for tennis will be taught that include strategy for competition, drill work associated with development, and mental preparation.	1 Credit	HPE 190 F ADVANCED TRACK & FIELD (MEN) Advanced training in the sport of track and field. Team concepts for track and field will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit
HPE 180 TC TENNIS CONDITIONING (WOMEN) Advanced conditioning in the sport of tennis. Conditioning tennis athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit	HPE 190 FC TRACK & FIELD CONDITIONING (MEN) Advanced conditioning in the sport of track and field. conditioning track and field athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit
HPE 180 V ADVANCED VOLLEYBALL (WOMEN) Advanced training in the sport of volleyball. Team concepts for volleyball will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit	HPE 190 G ADVANCED GOLF (MEN) Advanced training in the sport of golf. Team concepts for golf will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit
HPE 180 VC VOLLEYBALL CONDITIONING (WOMEN) Advanced conditioning in the sport of volleyball. Conditioning volleyball athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit	HPE 190 GC GOLF CONDITIONING (MEN) Advanced conditioning in the sport of golf. Conditioning golf athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit
HPE 185 - HPE 185 Y CO EDUCATIONAL PHYSICAL EDUCATION Provides instruction and physical exercise and conditioning around a specific activity or sport. Features courses in basketball, aerobic activities, jogging, weight training, yoga, golf, swimming, tennis, and seasonal activity classes.	1 Credit	HPE 190 R ADVANCED RODEO (MEN) Advanced training in the sport of rodeo. Team concepts for rodeo will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit
HPE 190 B ADVANCED BASKETBALL (MEN) Advanced training in the sport of basketball. Team concepts for basketball will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit	HPE 190 RC RODEO CONDITIONING (MEN) Advanced conditioning in the sport of rodeo. Conditioning rodeo athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit
HPE 190 BC BASKETBALL CONDITIONING (MEN) Advanced conditioning in the sport of basketball. Conditioning basketball athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit	HPE 190 S ADVANCED SOCCER (MEN) Advanced training in the sport of soccer. Team concepts for soccer will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit
HPE 190 C ADVANCED CROSS COUNTRY (MEN) Advanced training in the sport of cross country. Team concepts for cross country will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit	HPE 190 SC SOCCER CONDITIONING (MEN) Advanced conditioning in the sport of soccer. Conditioning soccer athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit
HPE 190 CC CROSS COUNTRY CONDITIONING (MEN) Advanced conditioning in the sport of cross country. Conditioning cross country athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit	HPE 190 T ADVANCED TENNIS (MEN) Advanced training in the sport of tennis. Team concepts for tennis will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit
HPE 190 D ADVANCED BASEBALL (MEN) Advanced training in the sport of baseball. Team concepts for baseball will be taught that include strategy for competition, drill work associated with player development, and mental preparation.	1 Credit	HPE 190 TC TENNIS CONDITIONING (MEN) Advanced conditioning in the sport of tennis. Conditioning tennis athletes to train the aerobic and anaerobic systems for the enhancement of player performance.	1 Credit

COURSE DESCRIPTIONS

HPE 194 to HSER 102

HPE 194 2 Credit
PROFESSIONAL ACTIVITIES
 Introduces team and/or individual sports, providing a sound foundation of skill development and knowledge in each area of the sport. Emphasizes methods, and progression and analysis of motor skills needed to become an effective teacher of each selected sport and/or event. Concentrates on one sport each quarter in the following six-quarter rotation: soccer, volleyball, tennis, softball, basketball, and golf. Lab required.

HPE 259 3 Credits
INTRO TO ATHLETIC TRAINING I
 Introduces the history, characteristics and employment opportunities for athletic trainers. Discusses epidemiology of injuries, recognition of specific injuries, and a variety of conditions related to the health of the athlete. Includes civil litigation, preparing to become an athletic trainer, day to day tasks required, structure of a sports medicine team, prevention and management of injuries and how to establish an emergency response plan.

HPE 260 J 3 Credits
INTRO TO ATHLETIC TRAINING II
 Introduces the proper techniques of injury evaluation, treatment, rehabilitation and/or care of athletic injuries. Covers anatomical structures of the foot, ankle, lower leg, knee, thigh, hip, groin, thoracic region, chest, back, ribs, back, fingers, wrist, hand, elbow, shoulder, head, neck, and spinal area. Discusses how each functions and what injuries may occur. Covers the relevant soft tissue structures, including muscle tendon units, cartilage, and ligamentous structures. Teaches students to complete injury evaluations and provides a working knowledge of how each injury occurred.

HPE 261 J 2 Credits
TAPING & BRACING
 Demonstrates multiple techniques in preventing, supporting and protecting athletes from injury by means of taping, bracing, wrapping and/or splinting. Uses various braces, splints and types of tape for numerous body parts, including feet, ankles, lower leg, knees, hip/groin, shoulders, elbows, wrists, hands and fingers.

HPE 294 2 Credits
PE PROFESSIONAL ACTIVITIES METHODS
 Introduces team and/or individual sports, providing a sound foundation of skill development and knowledge in each area of the sport. Emphasizes methods, and progression and analysis of motor skills needed to become an effective teacher of each selected sport and/or event. Concentrates on one sport each quarter in the following six-quarter rotation: soccer, volleyball, tennis, softball, basketball, and golf. Lab required.

HPE 295 3 Credits
HEALTH & FITNESS FOR LIFE
 Explores wellness concepts and emphasizes how to maximize health by making informed choices in regards to total wellness, fitness, nutrition and other lifestyle changes. Covers muscle strength and endurance, cardiovascular issues, lifestyle related diseases and their risk factors, and prevention methods. Lab included.

HORSE PRODUCTION

HPRD 101 (P/T) 3 Credits
ROUGH STOCK I
 Teaches basic skills of rough stock rodeo events and activities. Includes physical and mental aspects of successful rodeo competition. Provides opportunity to practice on live animals.

HPRD 102 (P/T) 3 Credits
 Continues skill acquisition of Rough Stock I, emphasizing sharpening skills, improving techniques and preparing for competition.

HPRD 103 (P/T) 3 Credits
ROUGH STOCK III
 Includes participation in NIRA competition and organizing and conducting a college rodeo event.

HPRD 104 (P/T) 3 Credits
TIMED EVENTS I
 Teaches basic timed event skills, emphasizing sharpening techniques and the mental and physical aspects of rodeo competition. Provides opportunity to practice with live animals. Requires the student to have a suitable horse for timed events competition.

HPRD 105 (P/T) 3 Credits
TIMED EVENTS II
 A continuation of Timed Events I with emphasis on preparation for competition. Prerequisite: HPRD 104.

HPRD 106 (P/T) 3 Credits
TIMED EVENTS III
 Provides students the opportunity to participate in NIRA competitions and organize and conduct their own college rodeo.

HORTICULTURE

HORT 111 3 Credits
INTRODUCTION TO PLANT GROWTH
 Covers basic botany along with a study of principles of plant growth and reproduction. Emphasis is on understanding how plants grow and the factors which influence yield and quality. Students will learn basic plant parts and their functions.

HORT 211 3 Credits
INTRODUCTION TO PLANT GROWTH
 Presents theory and methodology for reproducing plants by seed and rootstock. Covers anatomy, physiology, and genetics related to plant propagation as well as grafting.

HORT 250 3 Credits
PLANT PATHOLOGY
 Covers symptoms, causal agents, diagnosis, and prevention of plant diseases with emphasis on fungi, bacteria, nematode, and virus pathogens.

HUMAN SERVICES

HSER 101 4 Credits
ADDICTIONS PHARMACOLOGY
 Explains how alcohol and other drugs are processed in the body and the brain. Includes the physiological effects of alcohol and other drugs on the human body, and the possible implications for the treatment and prevention of problems that arise from their use. Recommended co-requisites: HSER 102 and HSER 200.

HSER 102 (P/T) 4 Credits
DRUG USE, MISUSE & ADDICTION
 Introduces students to drug classification systems and specific drugs within each classification, including physiological and psychological effects, signs and symptoms of use, abuse, dependence, overdose and withdrawal. Examines treatment modalities and the recovery process. Recommended co-requisites: HSER 101 and HSER 200.

COURSE DESCRIPTIONS

HSER 152 to MATH 10

HSER 152 1 Credit
STRESS MANAGEMENT
Identifies specific personal stressors and develops skills that enable students to more effectively deal with stress. Applies techniques including breathing, meditation, systematic desensitization, visualizations, and progressive muscle relaxation to reduce physical and psychological manifestations of stress.

HSER 200 (P/T) 3 Credits
ALCOHOL/DRUGS & FAMILY
Explores the role of the counselor in the chemically dependent family, from identification of roles through intervention strategies and treatment modalities. Includes competency-based education techniques, including group activities, presentations, research, readings, role playing, attendance in community meetings, and interviewing professionals in the field of family therapy. Recommended co-requisites: HSER 101 and HSER 102.

HSER 202 (P/T) 4 Credits
COUNSELING TECHNIQUES I
Introduces a variety of techniques used in group and individual counseling practices, emphasizing those relevant to addictions treatment. Explores cultural diversity, self-awareness in one's personal and professional life, and clients with disabilities. Discusses establishing a helping relationship with the client, professional responsibilities, adapting counseling strategies to individual characteristics of the client, and crisis management skills. Recommended prerequisites: HSER 102 and 200.

HSER 219 3 Credits
CASE MANAGEMENT
Introduces a variety of techniques used in case management practices, emphasizing those relevant to addictions treatment. Includes counselor ethics, values, attitudes and conduct. Explores cultural diversity, self-awareness in one's personal and professional life, and clients with disabilities. Discusses establishing a helping relationship with the client, professional responsibilities, adapting case management strategies to individual characteristics of the client, crisis management skills, and brokering services and referral. Prerequisite: HSER 228.

HSER 224 (P/T) 3 Credits
GROUP COUNSELING SKILLS
Investigates group skills, offering the opportunity to practice and develop beginning skills for group facilitation. Includes knowledge of the group experience and experiential learning of the group process. Emphasizes the effective use of skills and knowledge in chemical dependency and family systems group work. Prerequisite: HSER 202.

HSER 226 (P/T) 3 Credits
ETHICS FOR ADDICTIONS COUNSELING
Provides information on personal and professional ethics that apply to addictions counselors. Discusses personal issues and values, client rights, confidentiality, when to report abuse, self-care, sexual dilemmas, cultural diversities and standards, dual relationships and professional code of ethics.

HSER 228 (P/T) 4 Credits
SCREENING & ASSESSMENT
Surveys the process of obtaining and interpreting client information to determine substance abuse and substance dependence issues. Investigates how to utilize collateral information to determine client characteristics and needs, courses of action and available resources with the client's community. Presents the importance of gathering and interpreting information necessary for treatment planning and evaluating the progress of clients. Recommended prerequisites: HSER 101, 102, and 200.

HSER 248 (P/T) 2 Credits
INFECTIOUS DISEASE: ADDICTION RISK ASSESSMENT AND REDUCTION
Discusses the HIV/AIDS, STD's and Tuberculosis epidemic. Reviews the epidemiology of various STD's and the treatment options available. Presents chemical dependency and chemical use, and ways in which these behaviors promote STD's. Introduces routes of exposure and the manner in which various populations are infected. Covers basic directives for counseling individuals at high risk for STD's.

HUMANITIES

HUMN 148 3 Credits
INTRO TO HUMANITIES
Explores the question, "What does it mean to be human?" through examining the interrelationships of literature, art, and music. Focus: Classical and Medieval periods. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

HUMN 149 3 Credits
INTRO TO HUMANITIES
Explores the question, "What does it mean to be human?" through examining the interrelationships of literature, art, and music. Focus: Renaissance through Neoclassical periods. Prerequisites: Pass WR 115 with a C or better, or suitable placement score and pass READ 12, or suitable placement score.

HUMN 150 3 Credits
INTRO TO HUMANITIES
Explores the question, "What does it mean to be human?" through examining the interrelationships of literature, art, and music. Focus: Romanticism to the present. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

INDUSTRIAL EDUCATION

INED131-INED134 (P/T) 1-4 Credits
SPECIAL PROJECTS
Informs and updates awareness of current trends and changes in trade and industrial fields. Includes lab experience each week.

INED 156 (P/T) 1 Credit
EMPLOYMENT STRATEGIES
Prepares students to create a resume and cover letter, research internet job sources and job search techniques, prepare a portfolio of work examples, and contact potential employers. Provides practical experience through "mock interviews". Discusses appropriate dress for interviews. Includes different work place personality types and conflict resolution.

INED 281-INED 284 (P/T) 1-4 Credits
LABORATORY ACTIVITIES
Offers individual laboratory experience to familiarize the participant with those concepts, theories, techniques and procedures learned in technical coursework of their chosen field. Provides a direct supervision learning experience, including lab experience each week.

MATHEMATICS

MATH 10 3 Credits
BASIC MATHEMATICS I
Introduces basic math concepts, emphasizing the ability to understand and use basic operations with whole numbers applied to real-life situations. Includes the concepts of fractions and operations with fractions. Prerequisite: Suitable placement score.

COURSE DESCRIPTIONS

MATH 20 to MATH 251

<p>MATH 20 BASIC MATHEMATICS II Reviews basic math up to algebra, equipping the student with everyday math skills, and preparing for success in later math courses. Prerequisite: Pass MATH 10, or suitable placement score.</p>	3 Credits	<p>MATH 111 COLLEGE ALGEBRA Emphasizes critical thinking and use of graphical calculator technology to solve problems. Explores functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities. Prerequisite: Pass MATH 95 with a "C" or better, or suitable placement score.</p>	4 Credits
<p>MATH 25 PRE ALGEBRA Extends the study of fractions, decimals, ratio/proportion/percent, measurement, and integers in an algebra setting. Covers algebraic expressions and equations, and introduces graphing. Bridges the gap between the concrete operations of arithmetic and the abstract concepts of algebra for students needing additional preparation in order to succeed in the algebra sequence. Prerequisite: Pass MATH 20, or suitable placement score.</p>	4 Credits	<p>MATH 112 ELEMENTARY FUNCTIONS Studies trigonometry and problem solving, including trigonometric functions and their graphs and inverse functions, trigonometric identities and equations, and vectors. Prerequisite: Pass MATH 111 with a "C" or better, or suitable placement score.</p>	4 Credits
<p>MATH 60 BEGINNING ALGEBRA I Presents introductory algebra topics and elementary problem solving techniques, including real numbers, linear equations, introduction to graphing, and the concept of functions. No familiarity with algebra is expected prior to this course. Prerequisite: Pass MATH 25 with a "C" or better, or suitable placement score.</p>	4 Credits	<p>MATH 113 ANALYSIS/GEOMETRY/PRECALCULUS Studies pre-calculus, including matrices, determinants, sequences, series, probability, and analytical geometry. Prerequisite: Pass MATH 111 with a "C" or better, or suitable placement score.</p>	4 Credits
<p>MATH 63 TECHNICAL MATH I Meets the needs of technical/vocational students. Includes the real number system, accuracy and precision concepts, basic algebraic concepts and operations, functions and graphs, and basic geometry. Familiarity with algebra is expected. Prerequisite: Pass MATH 60 with a "C" or better, or suitable placement score.</p>	4 Credits	<p>MATH 211 FUND OF ELEMENTARY MATH I Prepares the future elementary school teacher to teach math more effectively by giving them a deeper understanding of math. Covers problem solving, sets, numeration, whole numbers, and number theory. Prerequisite: Pass MATH 95 with a "C" or better, or suitable placement score.</p>	4 Credits
<p>MATH 65 BEGINNING ALGEBRA II Presents introductory algebra and extends critical thinking and problem solving techniques. Includes factoring polynomials, solving quadratic equations, simplifying and solving rational and radical expressions. Prerequisite: Pass MATH 60 with a "C" or better, or suitable placement score.</p>	4 Credits	<p>MATH 212 FUNDAMENTALS OF ELEMENTARY MATH II Prepares the future elementary school teacher to teach math more effectively by giving them a deeper understanding of math. Covers fractions, decimals, integers, real numbers, statistics and probability. Prerequisite: Pass MATH 95 with a "C" or better, or suitable placement score.</p>	4 Credits
<p>MATH 070 ALGEBRA REVIEW Integrates the use of technology to solve problems and aid the study of the functions of real numbers. Includes the study of data tables, elementary variable manipulation, function, linear and quadratic functions, linear systems of equations, and inequalities. Prerequisite: Pass MATH 65 with a "C" or better, or suitable placement score.</p>	5 Credits	<p>MATH 213 FUNDAMENTALS OF ELEMENTARY MATH III Prepares the future elementary school teacher to teach math more effectively by giving them a deeper understanding of mat, including geometry. Prerequisite: Pass MATH 95 with a "C" or better, or suitable placement score.</p>	4 Credits
<p>MATH 095 INTERMEDIATE ALGEBRA Emphasizes critical thinking skills and integration of technology to solve problems. Includes quadratic equations, inequalities, linear models and graphs of nonlinear models, rational, exponential and logarithmic functions, and systems of equations. Prerequisite: Pass MATH 70 with a "C" or better, or pass both MATH 60 and 65 with an "A" or "A-", or suitable placement score.</p>	5 Credits	<p>MATH 243 INTRO TO PROBABILITY & STATISTICS I Introduces elementary statistics, including frequency, descriptive statistics, correlation, regression, measures of center probability, binomial and standards distributions and central limit theorem. Prerequisite: Pass MATH 111 or 105 with a "C" or better, or suitable placement score.</p>	4 Credits
<p>MATH 103 INTRO TO GRAPHING CALCULATORS Introduces graphing technology with an emphasis on mathematical applications. Presents graphing calculator skills which are normally acquired in Math 70 and 95.</p>	1 Credit	<p>MATH 244 INTRO TO PROBABILITY & STATISTIC II Continues the study of statistics, covering inferential statistics, hypothesis testing, rank correlation, signed rant test, population proportions, Kruskal-Wallis test, Chi-Square, and non-parametric methods. Prerequisite: Pass MATH 243 with a "C" or better.</p>	4 Credits
<p>MATH 105 CONTEMPORARY MATHEMATICS Explores everyday applications of mathematics, including geometry, trigonometry, finance, probability, statistics, US and metric measurement. Prerequisite: Pass MATH 95 with a "C" or better, or suitable placement score.</p>	4 Credits	<p>MATH 251 CALCULUS I Explores differential calculus of single real variable functions, including limits, continuity and differentiation, maxima and minima, curve sketching, applications, and anti-differentiation. Prerequisites: Pass MATH 112 with a "C" or better, or suitable placement score. Math 113 strongly recommended.</p>	5 Credits

COURSE DESCRIPTIONS

MATH 252 to MUP 205

MATH 252 5 Credits
CALCULUS II

Explores integral calculus of single, real variable functions, including definite and indefinite integrals, and techniques and applications of integration. Prerequisite: Pass MATH 251 with a "C" or better.

MATH 253 5 Credits
CALCULUS III

Explores differential equations, sequences, series, and applications. Prerequisite: Pass MATH 252 with a "C" or better. MATH 113 recommended.

MEDICAL RECORDS

MREC 110 (P/T) 3 Credits
MEDICAL TRANSCRIPTION I

Provides transcription practice of authentic physician-dictated medical reports organized by body systems or medical specialties. Emphasizes development of accuracy, speed, medical knowledge for the transcription of medical reports, and the efficient use of reference materials and other resources. Emphasizes editing and proofreading techniques, and grammar and punctuation review. Prerequisite: OA 226.

MREC 111 (P/T) 3 Credits
MEDICAL TRANSCRIPTION II

Provides transcription practice of authentic physician-dictated medical reports organized by body systems or medical specialties. Emphasizes development of accuracy, speed, medical knowledge for the transcription of medical reports, and the efficient use of reference materials and other resources. Emphasizes editing and proofreading techniques, and grammar and punctuation review. Prerequisite: MREC 110.

MREC 116 (P/T) 3 Credits
MEDICAL OFFICE PROCEDURES

Covers work routines of a medical office assistant, including scheduling appointments, maintaining patient account records, preparing a variety of health insurance forms, and other medically related document preparation. Requires transcription of medical documents and letters. Lab included. Medical Terminology recommended.

MREC 120 (P/T) 3 Credits
SURGICAL TRANSCRIPTION

The SUM Program Surgery Transcription Unit contains 8 hours of surgical dictation at an intermediate level. This training prepares students for surgical transcription for multispecialty clinics, group practices, medical centers, hospitals, and transcription services. Prerequisites: MREC 111 or previous experience transcribing medical dictation for family practice physicians..

MREC 125 (P/T) 1 Credit
CARDIOLOGY TRANSCRIPTION

Teaches cardiology dictation and transcription training, including H&P's, discharge summaries, operative reports, and more. Includes dictations of electrocardiograms, cardiac bypass, Doppler studies, arteriosclerosis, catheterizations, treadmill tests, and others. Lab included. Prerequisite: MREC 110.

MREC 126 (P/T) 1 Credit
GASTROINTESTINAL TRANSCRIPTION

Presents gastrointestinal dictation and transcription training, including H&P's, discharge summaries, operative reports, and more. Dictations include laparoscopy, hernia repair, cholecystectomy, appendectomy, pancreatic tumor, colon carcinoma, esophageal varices, and upper endoscopy. Lab included. Prerequisite: MREC 110.

MREC 127 (P/T) 1 Credit
ORTHOPEDIC TRANSCRIPTION

Teaches orthopedic dictation and transcription training, including H&P's, discharge summaries, operative reports, and more. Dictations include herniated cervical disk, carpal tunnel syndrome, torn rotator cuff, ilizarov leg lengthening, arthroscopy, hip replacement, luque rod insertion, fractures, and others. Lab included. Prerequisite: MREC 110.

MREC 128 (P/T) 1 Credit
PATHOLOGY TRANSCRIPTION

Teaches pathology dictation and transcription training in autopsy and surgical pathology reports. Dictations include 1 hour of gross and microscopic autopsy dictations and 2 hours of gross and microscopic descriptions of tissue specimens. Lab included. Prerequisite: MREC 110.

MREC 129 (P/T) 1 Credit
RADIOLOGY TRANSCRIPTION

Teaches radiology dictation and transcription training, sequenced by body system, to include bones and soft tissues, CAT and MRI scans, interventional radiology, mammography, nuclear medicine, contrast media studies and others. Lab included. Prerequisite: MREC 110.

MREC 210 (P/T) 3 Credits
MEDICAL BILLING I

Covers the roles and compliance issues for an insurance billing specialist; claims processes and introductions to procedural and diagnostic coding; health care payers - the "Blues", Medicare, Medicaid and other programs. Recommended: Medical terminology background or concurrent enrollment in GSCI 161.

MREC 211 (P/T) 3 Credits
MEDICAL BILLING II

Continues, with additional emphasis, addressing areas covered in MREC 210. Covers hospital billing for both inpatient and outpatient. Prerequisite: MREC 210.

MUSIC-PERFORMANCE

MUP 114 1 Credit
SPECIAL ENSEMBLES

Offers applied instruction and participation in small performance groups (i.e. vocal solos, duets, trios, quartets, etc.) and small instrumental groups for the first year student. Offers experience in varied styles and numerous performances.

MUP 171 - MUP 192 1 Credit
APPLIED MUSIC INSTRUCTION

Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, and other instruments for the first year student. Fee Required.

MUP 202 1 Credit
CONCERT BAND

Offers applied study and performance to anyone in the community with previous band experience, from high school age to adults. Studies and performs traditional and contemporary band literature. Rehearses evenings.

MUP 205 2 Credits
JAZZ BAND

Offers applied study and performance in an ensemble, by audition. Concentrates on big band jazz arrangements and jazz ensemble styles.

COURSE DESCRIPTIONS

MUP 214 to MUS 211

MUP 214 SPECIAL ENSEMBLES	1 Credit
Offers applied study in small performance groups (i.e. vocal solos, duets, trios, quartets, etc.) and small instrumental groups for the second year student. Offers experience in varied styles of music chosen by students and instructor. Includes numerous community performances. Prerequisite: instructor approval.	
MUP 215 WIND ENSEMBLE	1 Credit
Offers applied study and performance in wind ensemble format. Includes study of traditional and contemporary concert band literature and at least one major concert per term.	
MUP 221 TREASURE VALLEY CHORALE	1 Credit
Offers rehearsal and performance of choral literature. Open to all singers.	
MUP 222 CONCERT CHOIR	2 Credits
Performs choral literature of all styles and historical periods.	
MUP 225 VOCAL JAZZ ENSEMBLE	1 Credit
Performs vocal jazz repertoire and other styles of music. Open by audition only.	
MUP 242 SYMPHONY ORCHESTRA	1 Credit
Offers applied study and performance for string and wind players interested in playing orchestral literature with the Treasure Valley Symphony. Rehearses evenings and is open to all interested musicians, including high school students.	
MUP 271 - MUP 292 APPLIED MUSIC INSTRUCTION	1 Credit
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, guitar, or other instrument for the second year student. Fee required.	

MUSIC

MUS 101 MUSIC FUNDAMENTALS	3 Credits
Acquaints students with the elements of music fundamentals. Includes note reading, rhythm skills, and basic theory.	
MUS 111 MUSIC THEORY	4 Credits
Examines the elements, structures, and patterns of music and analyzes the styles of major composers. Includes beginning level music writing. Co-requisite: MUS 114.	
MUS 112 MUSIC THEORY	4 Credits
Examines the elements, structures and patterns of music and analyzes the styles of major composers. Includes writing music manuscript. Prerequisite: MUS 111, or instructor approval. Co-requisite: MUS 115.	
MUS 113 MUSIC THEORY	4 Credits
Examines the elements, structures, and patterns of music and analyzes the styles of major composers. Includes writing music manuscript. Prerequisite: MUS 112, or instructor approval. Co-requisite: MUS 116.	

MUS 114 SIGHT SINGING/EAR TRAINING	1 Credit
Offers practice in dictation and reading music. Stresses solfège, written dictation of rhythms and intervals. Co-requisite: MUS 111.	
MUS 115 SIGHT SINGING/EAR TRAINING	1 Credit
Offers practice in dictation and reading music. Stresses solfège, written dictation of rhythm and intervals Co-requisite: MUS 112.	
MUS 116 SIGHT SINGING/EAR TRAINING	1 Credit
Offers practice in dictation and reading music. Stresses solfège, written dictation of rhythm and intervals. Co-requisite: MUS 113.	
MUS 131 CLASS PIANO	2 Credits
Offers theory and practice in piano and basic keyboard techniques for the first year student.	
MUS 132 CLASS PIANO	2 Credits
Offers theory and practice in piano and basic keyboard techniques for the first year student.	
MUS 133 CLASS PIANO	2 Credits
Offers theory and practice in piano and basic keyboard techniques for the first year student.	
MUS 201 INTRO TO MUSIC & ITS LITERATURE	3 Credits
Studies the elements, forms and historical styles of music with emphasis on listening to recordings. Introduces musical terminology, the instruments of the orchestra, and music through the middle ages.	
MUS 202 INTRO TO MUSIC & ITS LITERATURE	3 Credits
Studies the elements, forms and historical styles of music with emphasis on listening to recordings. Studies music and composers of the Renaissance and Baroque Eras. Prerequisite: MUS 201, or instructor approval.	
MUS 203 INTRO TO MUSIC & ITS LITERATURE	3 Credits
Studies the elements, forms and historical styles of music with emphasis on listening to recordings. Includes music and composers of the Classical and Romantic Eras. Prerequisite: MUS 201, or instructor approval.	
MUS 205 INTRODUCTION TO JAZZ HISTORY	3 Credits
The student will learn about what jazz music represents, the historical creation of jazz, and the great jazz masters and their music from the early African and European influences to contemporary trends.	
MUS 211 MUSIC THEORY	4 Credits
Offers a brief review of Music Theory I with emphasis on the basics of four-part writing. Studies different types of modulation (composition and analysis). Includes construction and usage of altered chords in the context of the chord progression and analysis. Prerequisite: MUS 113. Co-requisite: MUS 214	

COURSE DESCRIPTIONS

MUS 212 to NATR 116

MUS 212 4 Credits
MUSIC THEORY
Examines the structure and elements of music through analysis of the styles of major composers. Includes some composition. Prerequisite: MUS 211. Co-requisite: MUS 215.

MUS 213 4 Credits
MUSIC THEORY
Examines the structure and elements of music through analysis of the styles of major composers. Includes some composition. Prerequisite: MUS 212. Co-requisite: MUS 216.

MUS 214 2 Credits
KEYBOARD HARMONY
Offers theory and practice in piano techniques such as modulation, transposition, chord reading and extemporaneous playing. Co-requisite: MUS 211.

MUS 215 2 Credits
KEYBOARD HARMONY
Offers theory and practice in piano techniques such as modulation, transposition, chord reading and extemporaneous playing. Co-requisite: MUS 212.

MUS 216 2 Credits
KEYBOARD HARMONY
Offers theory and practice in piano techniques such as modulation, transposition, chord reading and extemporaneous playing. Co-requisite: MUS 213.

MUS 260 1 Credit
BASIC CONDUCTING
Presents fundamental techniques of conducting, including baton fundamentals, rehearsal techniques, and score reading.

NATURAL RESOURCES

NATR 101 (P/T) 3 Credits
INTRO TO WILDLAND FIRE (FFT 2)
Includes S-130, S-190, and L-180 training. Provides entry level firefighter skills, including the primary factors affecting the start and spread of wild-fires, and recognition of potentially hazardous situations. Meets the fire behavior training needs of a firefighter type 2 (FFT 2) on an incident as outlined in the PMS 310-1.

NATR 102 (P/T) 2 Credits
L-280 FOLLOWERSHIP TO LEADERSHIP
Offers a self-assessment opportunity for individuals preparing to step into a leadership role. Combines one day of classroom instruction followed by a second day in the field, working through a series of problem solving events. Prerequisite: NATR 101.

NATR 103 (P/T) 3 Credits
APPLIED FOREST/RANGE BOTANY
Introduces plant identification. Familiarizes students with basic field characteristics necessary for identifying forest and range plants. Includes terminology, morphology, nomenclature and classification with basic techniques for using plant keys. Introduces ecological concepts and plant relationships. Lab required.

NATR 104 (P/T) 3 Credits
S-290 INTERMEDIATE FIRE BEHAVIOR
Prepares the prospective supervisor to undertake safe and effective fire management operations. Develops fire behavior prediction knowledge and skills. Discusses fire environment differences. Prerequisite: NATR 101.

NATR 105 (P/T) 3 Credits
FIELD METHODS IN NATURAL RESOURCES
Introduces the fundamentals of surveying, including the basics of right angle trigonometry, leveling, and the various types of traverses by using a level and transit. Lab required.

NATR 106 (P/T) 3 Credits
INTRO TO FIRE EFFECTS
Introduces the physical and biological effects of fire on ecosystems. Includes effects on individual plants and animals, range sites, timbered areas, air quality, watersheds, soil, and other related resources. Lab required.

NATR 107 (P/T) 2 Credits
S-260 INTERAGENCY INCIDENT BUS MGT
Provides general training needs for all positions requiring an understanding of interagency incident business management. Prerequisite: NATR 101.

NATR 108 (P/T) 2 Credits
S-270 BASIC AIR OPERATIONS
Discusses aircraft types and capabilities, aviation management and safety for flying and working with agency aircraft, tactical and logistical uses of aircraft, and requirements for helicopter take-off and landing areas. Prerequisite: NATR 101.

NATR 109 (P/T) 2 Credits
S-200 INITIAL ATTACK IC
This course will provide the individual in charge of the initial attack of small non-complex fires, the training needed for size-up, deployment of forces, suppression, mop-up, communications, and administrative duties. Prerequisite: NATR 101, NATR 104.

NATR 111 (P/T) 5 Credits
INTRO TO NATURAL RESOURCES
Surveys the interrelationships between uses of forest and rangeland. Examines elementary surveying, forest measurements, basic silviculture, forest soils, tree and plant identification and forest ecology. Lab required.

NATR 112 (P/T) 2 Credits
GLOBAL POSITIONING SYSTEMS (GPS)
Acquaints the student with global positioning systems or GPS. Includes what GPS is, its uses, its short-comings, and field experience in the use of the equipment. Lab required.

NATR 115 (P/T) 2 Credits
S-230 CREW BOSS-SINGLE RESOURCE
Produces student proficiency in the performance of duties associated with the single resource boss position from initial dispatch through demobilization to the home unit. Includes operational leadership, preparation and mobilization, assignment preparation, risk management, entrapment avoidance, safety and tactics, offline duties, demobilization, and post incident responsibilities. Prerequisite: NATR 101, NATR 102, NATR 104. Recommended prerequisite: NATR 121.

NATR 116 (P/T) 2 Credits
S-215 FIRE OPERATION WILDLAND/URBAN
Assists structure and wildland firefighters in making tactical decisions when confronting wildland fire that threatens life, property, and improvements, in the wildland/urban interface. Includes size-up, initial strategy, structure triangle, tactics, action assessment, public relations, and follow-up and safety.

COURSE DESCRIPTIONS

NATR 117 to NURS 184

NATR 117 (P/T) 1 Credit
S-231 ENGINE BOSS-SINGLE RESOURCE
 Produces student proficiency in the performance of the duties associated with engine boss, single resource, including engine and crew capabilities and limitations, information sources, fire size-up consideration, tactics, and wildland/urban interface. Prerequisites: NATR 101, NATR 104, NATR 115.

NATR 121 (P/T) 1 Credit
S-131 SQUAD BOSS
 Meets the advanced training needs of the Firefighter Type I (FFT 1) in an interactive format. Contains several tactical decision games designed to facilitate learning the objectives. Prerequisite: NATR 101 and one year experience in the field.

NATR 122 (P/T) 2 Credits
S-390 WILDLAND FIRE BEHAVIOR CALC
 Introduces fire behavior calculations by manual methods, using nomograms and the Fire Behavior Handbook Appendix B. Examines the determinants of fire behavior through studying inputs (weather, slope, fuels, and fuel moisture). Instructs how to interpret fire behavior outputs, documentation processes, and fire behavior briefing components. Prerequisites: NATR 101, NATR 104, NATR 115.

NATR 123 (P/T) 2 Credits
S-330 TASK FORCE/STRIKE TEAM
 Provides training for the positions of Task Force Leader and Strike Team Leader specific to wildland fire suppression, as outlined in the Wildland Fire Qualification System Guide and the Position Task Books. Prerequisites: NATR 101, NATR 104, NATR 122.

NATR 127 (P/T) 3 Credits
S-336 TACTICAL DECISION MAKING
 Provides training requirements for the Operations Section of the Incident Command System. Prerequisites: NATR 101, NATR 104, NATR 115.

NATR 140 (P/T) 4 Credits
MAP USE AND ANALYSIS
 Introduces the development, understanding, and practical use of planimetric and topographic maps, along with aerial photographs. Includes map and photo scale, finding distances, directions, and area on maps and photos, and identification of map and photos features. Lab required.

NATR 202 (P/T) 3 Credits
S-212 WILDLAND FIRE CHAIN SAWS
 Introduces the function, maintenance and use of internal combustion engine powered chain saws, and their tactical wildland fire application. Provides entry level training for firefighters with little or no previous experience in operating a chain saw. Does not constitute certified faller designation. Prerequisites: Qualified FFT 2, and current first aid/CPR certification.

NATR 203 (P/T) 2 Credits
S-211 PORTABLE PUMPS & WATER USE
 Consists of three skill areas: supply, delivery and application of water. Requires set up, operation, and maintenance of pump equipment in a field exercise.

NATR 217 (P/T) 3 Credits
INTRO TO WATERSHED MANAGEMENT
 Surveys the theory, principles and practices involved before water is utilized for commercial production projects. Studies the microclimate, hydrology, and soil as influenced by the vegetation in relation to the regional variables of climate, geology, topography, and vegetation type and structure. Follows the water from the atmosphere, to the ground, and down the watershed to the area where it can be used for natural resources, industry, recreation, and domestic needs. Lab required.

NATR 221 (P/T) 3 Credits
INTRO TO NATURAL RESOURCE ECOLOGY
 Introduces ecology, including history, terminology, ecological relationships and interactions in individual ecosystems, and global ecological principles. Stresses the ecology of the northwest.

NATR 241 (P/T) 4 Credits
INTRO TO RANGE MANAGEMENT
 Introduces the science of range management, including identification, physiology, and ecology of range plants; stocking rate considerations; grazing system selection; range improvement methods; range inventory methods and analysis; and nutrition. Emphasizes range management objectives to provide society with meat, water, wildlife, and recreational opportunities on a sustained basis from lands unsuited for permanent cultivation. Lab required.

NATR 251 (P/T) 3 Credits
RECREATION RESOURCE MANAGEMENT
 Surveys recreation resource management, including a brief history, legislative response to public pressure, recreational planning, financing forest recreation, site selection and implementation (the development and design of a forest campground). Lab required.

NATR 252 3 Credits
INTRO TO WILDLIFE MANAGEMENT
 Introduces the principles of wildlife management and some of the practices and techniques used in controlling wild animal populations. Emphasizes the multiple use concept necessary for natural resource management.

NURSING

NURS 101 (P/T) 10 Credits
NURSING I
 Introduces nursing principles relating to Maslow's hierarchy of needs, including death and dying, of persons throughout the life span. Includes content in communication, body mechanics, body alignment, medical asepsis, aids in comfort in activities of daily living, wellness, and nutrition. Integrates into curriculum the scope of nursing practice and perspectives in caring, legal aspects, and special needs relating to ethnic and cultural groups. Course based on the nursing process, in the framework of the art and science of nursing. Prerequisites: Official Admission into Nursing Program, and Pass BIOL 231 and 232 with a "C" or better.

NURS 102 (P/T) 10 Credits
NURSING II
 Building on prior knowledge, includes three basic components of care: crisis, regulatory, and body systems. Includes oxygenation, pharmacology, pediatrics, diagnostic procedures, health maintenance, and the care of patients with common conditions of illness. Prerequisite: Pass NURS 101, and WR 121 and BIOL 233 with a "C" or better.

NURS 103 (P/T) 10 Credits
NURSING III
 Continues to build on the previous content in the care of patients with common conditions of illness and health maintenance, including maternal/child health. This course completes the nursing requirements for the Practical Nursing Certificate, with the graduate eligible to take the licensing examination for Practical Nurse (NCLEX-PN). Prerequisites: Pass NURS 102, BIOL 234, and PSYC 201, 202, or 203 with a "C" or better.

NURS 184 3 Credits
MEDICAL TERMINOLOGY II
 Presents advanced vocabulary, extending and reinforcing those terms acquired in Medical Terminology I.

COURSE DESCRIPTIONS

NURS 198 to OA 290

NURS 198 (P/T) 1 Credit
LEARNING LABORATORY
Provides opportunity for students to plan independent study and activities each week for completion of specified objectives in the nursing sequence. Co-requisites: NURS 101, 102, 103, 201, 202, 203.

NURS 200 (P/T) 5 Credits
ROLE DEVELOPMENT
Builds on prior learning of nursing principles and concepts. Theory and clinical emphasis is on physical assessment, evaluation of nursing practice and development of the Registered Nurse role. Clinical time provides for demonstration of nursing practice, knowledge and skills. Prerequisites: Pass NURS 103, and WR 122, with a 3.0 gpa in the nursing courses and a 2.70 in first year general education courses; or by advanced placement.

NURS 201 (P/T) 9 Credits
NURSING IV
Builds on prior learning of nursing principles with application to the obstetrical, neonate and the acutely ill person with complex health problems. Presents and implements increasingly complex nursing concepts and skills based on the nursing process. Prerequisites: Pass NURS 200 and FNUT 255 with a "C" or better.

NURS 202 (P/T) 9 Credits
NURSING V
Builds on prior knowledge and is based on the nursing process problem solving concepts. Emphasizes nursing care related to patients with more complex health care needs. Clinical experiences focus on caring for pediatric and adult patients and beginning leadership principles in a variety of community settings. Prerequisites: Pass NURS 201, and WR 123 or SP 111 or SP 219, and PHRC 211 with a "C" or better.

NURS 203 (P/T) 10 Credits
NURSING VI
Builds on prior knowledge. Facilitates synthesis and application of concepts, theories and nursing interventions learned in all previous nursing courses, integrating the role of the registered nurse. Based on the nursing process problem solving concepts, emphasizes nursing care relating to mental health needs and more complex, acute health care needs. Addresses nursing interventions for the client with crisis, regulatory and body systems needs. Emphasizes priority setting and evaluation in giving care to even larger groups of clients with increasingly complex problems. Covers leadership principles and the transition from student to graduate in the practice of nursing and as a member of the health care team. Clinical experiences focus on patients with acute medical and mental health needs.

OFFICE ADMINISTRATION

OA 116 (P/T) 3 Credits
OFFICE PROCEDURES
Provides the foundation necessary for entry-level employment as an office assistant with exercises that simulate entry-level administrative work situations.

OA 121 (P/T) 3 Credits
KEYBOARDING I
Emphasizes proper techniques of keyboarding through meaningful practice and speed development. Does not include word processing concepts. Lab included.

OA 122 (P/T) 3 Credits
KEYBOARDING II
Applies drills specific to speed building and achieving 60 wpm or better. Does not include word processing concepts. Lab included. Prerequisites: Minimum typing speed of 35 wpm.

OA 124 (P/T) 2 Credits
KEYBOARDING SKILL BUILDING
Emphasizes improvement of proficiency in keyboarding skills (speed and accuracy). Lab included.

OA 131 (P/T) 3 Credits
LEGAL PROCEDURES I
Introduces substantive areas of law and legal principles as they pertain to the tasks required of the legal secretary, legal office assistant, or paralegal. Covers law topics, including the law office structure, administrative functions, court structure, civil law, criminal law, and the trial process. Lab included. Prerequisite: OA 201.

OA 132 (P/T) 3 Credits
LEGAL PROCEDURES II
Continues topics of Legal Office Procedures I. Covers law topics, including probate and estate planning, family law, business organizations, real property, and contract law. Lab included. Prerequisite: OA 131.

OA 201 (P/T) 3 Credits
WORD PROCESSING PROCEDURES I
Uses Microsoft Word to create and format Word documents using various formatting tools. Covers the skills needed for MOS certification. Lab included. Keyboarding skills recommended.

OA 202 (P/T) 3 Credits
WORD PROCESSING PROCEDURES II
Presents advanced features in Microsoft Word to efficiently produce professional documents. Covers the skills necessary for MOS certification. Lab included. Prerequisite: OA 201 or instructor approval.

OA 225 3 Credits
MACHINE TRANSCRIPTION
Introduces transcription skills in order to produce mailable business documents efficiently. Emphasizes punctuation, proofreading, and word study. Lab included. Keyboarding skills recommended.

OA 226 (P/T) 3 Credits
ADVANCED MACHINE TRANSCRIPTION
Covers legal or medical transcription activities representative of actual transcription done in a legal or medical setting. Prerequisites: OA 201, and a minimum keyboarding speed of 50 wpm or permission of instructor.

OA 240 (P/T) 3 Credits
RECORDS MANAGEMENT
Focuses on Records Information Management (RIM). Covers terminology, data, employment opportunities, current developments, technology, and legal and ethical concerns in RIM. Includes field trips to selected businesses to provide further emphasis.

OA 290 (P/T) 3 Credits
INTEGRATED OFFICE APPLICATIONS
Provides in-depth, hands on projects with integrated applications and Internet research, including importing/exporting functions of technology and software as they relate to business documents. Emphasizes technical skills and the ability to work in teams. Provides the culminating activity (capstone course) at the end of the associate degree program for Office Administration majors. Lab included.

PHILOSOPHY

PHIL 101 3 Credits
PHILOSOPHICAL PROBLEMS
 Introduces the problems and systems of philosophy, including metaphysics, epistemology, ethics, social and political philosophy, and religion. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

PHARMACODYNAMICS

PHRC 211 2 Credits
 (P/T)
PHARMACODYNAMICS
 Builds on basic concepts and principles of drug related mathematics, administration of medications, and actions and classifications of drugs. Provides background knowledge necessary for further understanding of actions and effects of drugs on the human body as well as nursing implications. Deals with specific groups of drug classifications. Co-requisite: NURS 201, or instructor approval.

PHRC 212 2 Credits
 (P/T)
PHARMACODYNAMICS
 Builds on basic concepts and principles of drug related mathematics, administration of medications, and actions and classifications of drugs. Provides background knowledge necessary for further understanding of actions and effects of drugs on the human body as well as nursing implications. Deals with specific groups of drug classifications. Co-requisite: NURS 202, or instructor approval.

PHYSICS

PHYS 201 4 Credits
GENERAL PHYSICS I
 Explores classical mechanics, including motion, forces, and energy. Intended for students without a calculus background. Lab required. Prerequisite: MATH 112.

PHYS 202 4 Credits
GENERAL PHYSICS II
 Explores fluids, elasticity, waves and sound, thermodynamics, and electrostatics. Intended for students without a calculus background. Lab required. Prerequisite: PHYS 201.

PHYS 203 4 Credits
GENERAL PHYSICS III
 Explores electric and magnetic theory, electronics, light, and optics. Intended for students without a calculus background. Lab required. Prerequisite: PHYS 202.

PHYS 211 5 Credits
CLASSICAL PHYSICS I
 Explores classical mechanics, including motion, forces, and energy. Intended for students with a calculus background. Lab required. Prerequisite: MATH 251 or concurrent enrollment in MATH 251.

PHYS 212 5 Credits
CLASSICAL PHYSICS II
 Explores fluids, elasticity, waves and sound, thermodynamics, and electrostatics. Intended for students having a calculus background. Lab required. Prerequisites: PHYS 211 and MATH 251 and 252, or concurrent enrollment in MATH 252.

PHYS 213 5 Credits
CLASSICAL PHYSICS III

Explores electric and magnetic theory, electronics, light, and optics. Intended for students with a calculus background.. Lab required. Prerequisites: PHYS 212, and MATH 252, and MATH 253, or concurrent enrollment in MATH 253.

POLITICAL SCIENCE

POSC 201 3 Credits
AMERICAN GOVERNMENT
 Introduces the principles of the American constitutional system, and examines civil liberties, minority rights, and issues of social equality.

POSC 202 3 Credits
AMERICAN GOVERNMENT
 Examines issues of public opinion, interest groups, and their impact upon government systems; political party structures; campaigning and elections; the influence of media; and state and local governments.

POSC 203 3 Credits
AMERICAN GOVERNMENT
 Examines the three branches of government plus governmental bureaucracies. Analyzes major policy areas of national government.

PSYCHOLOGY

PSYC 101 3 Credits
PSYCHOLOGY OF HUMAN RELATIONS
 Emphasizes the theory and practice of human relations in the work setting, including self-management skills, role as employee, and effective participation in work groups. Stresses self-awareness, awareness of others, managing stress and emotions, building healthy relationships, interpersonal communications, intercultural sensitivity, conflict resolution, and professional behavior.

PSYC 201 3 Credits
GENERAL PSYCHOLOGY
 Introduces psychology, discussing biological processes and principles and theories of human behavior. Surveys experimental design, including elementary statistics, tests and measurements. Examines biological, and developmental aspects, including consciousness, senses, and perceptual processes.

PSYC 202 3 Credits
GENERAL PSYCHOLOGY
 Stresses memory, thinking, and developmental stages. Discusses theories of intelligence and learning. Surveys psychological processes of language and thought, motivation, emotion, and primary theories of human growth and development. Prerequisite: PSYC 201, or BIOL 101.

PSYC 203 3 Credits
GENERAL PSYCHOLOGY
 Stresses abnormal psychology and social psychology. Discusses theories of personality adjustment, abnormal psychology, psychological intervention, stress, conflict, and social psychology. Prerequisite: PSYC 201, or BIOL 101.

PSYC 235 3 Credits
INTRO TO HUMAN DEVELOPMENT I
 Discusses theoretical perspectives, and physiological, social, and psychological forces that impact the stages of human development from conception through late childhood. Prerequisite: PSYC 201, or BIOL 101.

PSYC 236 3 Credits
INTRO TO HUMAN DEVELOPMENT II
 Discusses theoretical perspectives, and physiological, social, and psychological forces that impact the stages of human development from adolescence through late adulthood. Discusses special topics pertaining to those stages in life. Prerequisite: PSYC 201, or BIOL 101.

COURSE DESCRIPTIONS

PSYC 237 to SPAN 103

PSYC 237 4 Credits
SEASONS OF LIFE
Focuses on the concept that development is a lifelong process, beginning at conception and continuing into late adulthood. Considers human development as influenced by three "clocks": the biological clock, the social clock, and the psychological clock. Prerequisite: PSYC 201, or BIOL 101.

READING

READ 011 3 Credits
READING IMPROVEMENT
Includes vocabulary development and comprehension skills basic to effective reading and necessary for the pursuit of a college education. Prerequisite: Suitable placement score.

READ 012 3 Credits
DEVELOPMENTAL READING
Emphasizes study strategies and thinking skills for the purpose of increasing comprehension and retention of college textbooks. Explores library resources. Emphasizes vocabulary building. Includes reading assignments requiring written responses and reflections. Prerequisite: Pass READ 11 or suitable placement score.

RELIGION

R 201 3 Credits
WORLD RELIGIONS
The history, evolution, ideology, philosophy, sacred practices and rituals, spiritual, and cultural expressions of the world's living religions will be examined. Indigenous and prehistoric religions will be studied along with the five "major" universal religions: Hinduism, Buddhism, Judaism, Christianity, and Islam. Other religions and sects will also be explored. Prerequisite: Pass WR 115 with a "C" or better, or suitable placement score.

SOCIOLOGY

SOC 204 3 Credits
GENERAL SOCIOLOGY
Presents basic theories, concepts, and processes involved in scientific study of society, including culture, socialization, social structure, social interaction, and formal organizations.

SOC 205 3 Credits
GENERAL SOCIOLOGY
Examines deviance. Studies social stratification, issues of social class, gender, racial and ethnic groups, the elderly, and collective behavior.

SOC 206 3 Credits
GENERAL SOCIOLOGY
Applies sociological analysis of social change and trends in the family, religion, education, economics, politics, and medicine.

SOC 210 3 Credits
MARRIAGE/FAMILY/INTIMATE RELATIONS
Presents sociological analyses of topics which may include romantic love, sexual patterns, courtship and dating, intimate relationships, divorce, widowhood, remarriages, family systems in other cultures, family systems in America, current changes, and prospects for the future. Guides students into ways of coping better in their own relationships.

SOCIAL WORK

SOWK 111 3 Credits
INTRO TO SOCIAL WORK
Introduces the profession of social work, surveying the professional knowledge, skills, values, and ethics applicable for generalist social work practices. Reviews the historical, philosophical, educational, and social dimensions of the profession. Considers various fields of social work practice and their unique attributes, including income levels of each. Places special emphasis on rural areas. Recommended Co-requisite: SOWK 280.

SOWK 220 3 Credits
SOCIAL WELFARE SYSTEM & POLICY
Addresses the historical impact and current delivery of social services to people of poverty, people of color, elderly, women, homosexuals, and persons with mental and or physical disabilities, recognizing the fundamental duty of the social work profession to promote social equity and justice. Traces the historical evolution of the American social service delivery system, and examines development of policies as they relate to societal values. Prerequisite: SOWK 111 or instructor approval.

SPEECH

SP 111 3 Credits
FUNDAMENTALS OF SPEECH
Instructs students to prepare and deliver a series of speech projects, including at least one video-taped speech. Provides critiques by the speaker, class members, and instructor. Prerequisites: Pass WR 95 with a C or better, or suitable placement score.

SP 112 3 Credits
PERSUASIVE SPEECH
Provides students an understanding of the persuasive communication process in order to make more persuasive presentations and better understand persuasive mechanisms in the issues they encounter. Prerequisites: Pass WR 95 with a C or better, or suitable placement score.

SP 219 3 Credits
SMALL GROUP DISCUSSION
Stresses skill building and theory in decision making, goal setting, presentation planning, and knowledge of group process. Assists students in using effective small group techniques in a variety of settings. Prerequisites: Pass WR 95 with a C or better, or suitable placement score.

SPANISH

SPAN 101 4 Credits
1ST YEAR SPANISH I
Introduces the language and culture of Spanish speaking countries. Develops all four language components: speaking, listening, reading and writing. Emphasis on communicative proficiency.

SPAN 102 4 Credits
1ST YEAR SPANISH II
Introduces the language and culture of Spanish speaking countries. Develops all four language components: speaking, listening, reading and writing. Emphasis on communicative proficiency. Prerequisite: SPAN 101 or Instructor permission.

SPAN 103 4 Credits
1ST YEAR SPANISH III
Introduces the language and culture of Spanish speaking countries. Develops all four language components: speaking, listening, reading and writing. Emphasis on communicative proficiency. Prerequisite: SPAN 102 or Instructor permission.

COURSE DESCRIPTIONS

SPAN 201 to SFS 262

SPAN 201 4 Credits
 2ND YEAR SPANISH I
 Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisite: two years high school Spanish, SPAN 103 or Instructor permission.

SPAN 202 4 Credits
 2ND YEAR SPANISH II
 Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisite: SPAN 201.

SPAN 203 4 Credits
 2ND YEAR SPANISH III
 Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisite: SPAN 202.

STRUCTURAL FIRE SCIENCE

SFS 101 P/T 4 Credits
 INTRODUCTION TO FIRE PROTECTION
 History and philosophy of services. Includes responsibility in the community, roles and responsibilities of paramedics and firefighters, an overview of the ICS System, and the organization and function of emergency services agencies and allied organizations education and certification. Awareness and identification of hazardous materials, emergency services apparatus fire behavior, detection and protection system and survey of professional career opportunities and requirements and resume development.

SFS 151 P/T 3 Credits
 FIRE INCIDENT RELATED EXPERIENCE I
 Fire incident related standards that fulfill the requirements of OSHA and the Department of Public Safety Standards and Training for Entry-Level Firefighter.

SFS 152 P/T 3 Credits
 FIRE INCIDENT RELATED EXPERIENCE II
 Large-diameter hose uses, attack hose procedures, ICS and passport information, firefighter responsibilities, and ISI SCBA procedures. Includes SCBA use under extreme working loads, refilling SCBA bottles, use of cascade systems, live-fire attack practices, salvage operations, overhaul practices, fire cause investigation, district familiarization, map book use, radio procedures, driving laws and practices, power tool operation and maintenance, ventilation principles, and vertical ventilation. Includes a practicum for Driver certification and driving portions of Pumper Operator. Prerequisite: SFS 151.

SFS 153 P/T 3 Credits
 FIRE INCIDENT RELATED EXPERIENCE III
 Practicum to function safely and effectively as an integral member of a firefighting team and successfully pass testing for IFSAC Firefighter I. Includes a practicum for "Driver" and "Pumper Operator" certification. Students completing the course will take written and task performance tests for "Driver" certification. Prerequisite: SFS 152.

SFS 158 P/T 3 Credits
 FIRE PUMPS AND WATER SUPPLY
 Theory of pump operation and scope of water supply. Types and features of various pumps, practical operation of fire pumps and accessories. Includes drafting, preplanning of hydrant and tanker operations, hydraulic calculations, water supply requirements source options, and delivery systems. This course is designed to meet the competencies as set forth by DPSST for Firefighter II and Pumper Operator. Prerequisites: SFS 152 and

MATH 70, or instructor consent.
 SFS 166 P/T 1 Credit
 FIREFIGHTERS LAW
 Covers the legal responsibilities and rights of firefighters in driving, inspection, emergency operations, communication, and fire prevention. Includes firefighter's rights as a civil service employee.

SFS 169 P/T 3 Credits
 FIRE DEPARTMENT LEADERSHIP
 Role of fire service leaders in managing the daily operation of a fire company. Covers leadership concepts such as types of supervisors, including attitude, cooperation, individual differences, motivation, and communications as part of the management cycle.

SFS 171 (P/T) 3 Credits
 FIRE PROTECTION SYSTEM AND EXTINGUISHERS
 Types, uses, and care of portable fire extinguishers. Includes sprinklers and special extinguishing systems, standpipe systems, systems designed to detect and report fires, and fire pumps.

SFS 172 (P/T) 3 Credits
 INTERNATIONAL FIRE CODES
 Interprets the International Building Code, International Fire Code, State Fire Marshal Fire Safety Regulations, and related Oregon and Idaho revised statutes N.F.P.A., and other codes relating to fire prevention and life safety.

SFS 217 P/T 1 Credit
 FIRE DEPARTMENT BUDGETS
 Outlines the budgeting process as required by Oregon and Idaho laws to include types of budgets, the process of preparing a budget, and classifying expenditures.

SFS 256 (P/T) 4 Credits
 FIRE SERVICE RESCUE PRACTICES
 Technical information on various fire department rescue situations. Covers tools and equipment, ropes and knots, trench rescue, shoring, warehouse searches, outdoor searches, rescue in situations involving elevation differences, package patients, water and ice rescues, and vehicle extraction. Prerequisite: SFS 152.

SFS 259 (P/T) 3 Credits
 MAJOR EMERGENCY STRATEGY & TACTICS
 Major emergencies and principles relating to incident priorities, resource management, and tactical operations to make judgements about strategic management.

SFS 260 (P/T) 3 Credits
 FUNDAMENTALS OF FIRE PREVENTION
 History and philosophy of fire protection through review of life and property loss statistics, case studies of fire protections agencies, current and future fire protection problems, and fire prevention laws and regulations. Develops an awareness of, and a positive attitude toward, fire prevention as a method of accomplishing the fire department mission.

SFS 261 (P/T) 3 Credits
 FIRE INCIDENT RELATED EXP IV
 Introduces additional skills and provides a practicum to function safely and effectively as an integral member of a firefighting team and successfully pass testing for NFPA. Prerequisite: SFS 153.

SFS 262 (P/T) 3 Credits
 FIRE INCIDENT RELATED EXP V
 Introduces new skills and provides a practicum for NFPA Firefighter II, Driver, and Pumper Operator certifications. Assists with entering the job market and in becoming more successful in competitive fire service entry processes. Prerequisite: SFS 261.

COURSE DESCRIPTIONS

SFS 263 TO VMW 122

SFS 263 (P/T) 3 Credits
FIRE INCIDENT RELATED EXP VI
Includes skills and provides a practicum for NFPA Firefighter II, Driver, and Pumper Operation certifications. Prepares students for entering the job market and assists them in becoming more successful in competitive fire service entry processes. Introduces contemporary issues regarding the furnishing of emergency services. Students completing the course will take written and task performance tests for NFPA Firefighter II. Prerequisite: SFS 262.

SFS 266 (P/T) 3 Credits
BUILDING CONSTRUCTION FOR FIREFIGHTERS
Fire problems inherent in structural elements of buildings. Includes inspection of various building types as a basis for applying effective extinguishment practices with adequate safeguards for personnel.

SFS 284 (P/T) 1 Credit
PUBLIC INFO FOR THE FIRE SERVICE
Provides students with the ability to identify public and proprietary information to form media releases and develop and maintain positive relations with media representatives. Prerequisite: WR 121.

THEATRE

TA 100 3 Credits
INTRO TO THEATRE
Introduces theatre as an art form, as entertainment, and as a cultural phenomenon.

TA 111 3 Credits
FUND OF TECHNICAL THEATRE I
Introduces the fundamentals of technical theatre, emphasizing the overall progress from start to finish of designing and running a show. Provides practical experience on department productions.

TA 112 3 Credits
FUND OF TECHNICAL THEATRE II
Introduces the fundamentals of technical theatre, emphasizing lighting design. Provides practical experience on department productions.

TA 113 3 Credits
FUND OF TECHNICAL THEATRE III
Introduces the fundamentals of technical theatre, emphasizing costume design and properties. Provides practical experience on department productions.

TA 141 3 Credits
ACTING I
Teaches basic to intermediate techniques of acting, including expression, movement, and character development.

TA 142 3 Credits
ACTING II
Continues exploring the concepts of acting through monologue and scene work, with an emphasis on classical theatre.

TA 143 3 Credits
ACTING III
Explores the process of choosing and preparing two contrasting monologues for an audition.

TA 149 2 Credits
DANCE FOR THEATRE
Introduces students to various styles of basic dance for theatrical purposes. The styles taught in this course will include basic movement, ballet,

jazz, tap, some period pieces (a.k.a. 1920s and 40s dance), and more. Students will be taught basic steps and also choreographies.

TA 253 1 Credit
THEATRE REHEARSAL/PERFORMANCE
Offers participation in a theatre production. Focuses on acting skills and includes non-acting skills.

VITICULTURE MANAGEMENT AND WINE MAKING

VMW 101 (P/T) 3 Credits
GENERAL VITICULTURE
Introduces grape growing, both wine and table grapes. Covers botany, fruiting, rootstock cultivars; anatomy and physiology; history and distribution of grapes; vine classification; and world growing areas. Also covers climate, latitude, soils and common diseases and pests.

VMW 102 (P/T) 3 Credits
WINE INDUSTRY EXPLORATION
Examines various segments of the wine industry and how they function as a whole. Reviews legal entities for doing business. Explores different business models in the Oregon and Idaho industry.

VMW 110 (P/T) 4 Credits
FALL VINEYARD PRACTICES
Surveys fall vineyard management practices which include harvest, harvest contracts, and ripening parameters. Compares different ripening characteristics for a variety of clones and rootstocks. Covers fall canopy management, disease problems, and weather effects on ripening. Co-requisite: VMW 101.

VMW 111 (P/T) 4 Credits
WINTER VINEYARD PRACTICES
Surveys winter vineyard management practices. Covers training, pruning, propagation, bench grafting, and simple trellis design. Prerequisite: VMW 101.

VMW 112 (P/T) 4 Credits
SPRING VINEYARD PRACTICES
Surveys spring vineyard management practices. Focuses on preparing a vineyard site for planting, spring canopy management, and other site issues such as irrigation. Covers practical pest and disease control methods. Prerequisite: VMW 101 or instructor consent.

VMW 113 (P/T) 4 Credits
SUMMER VINEYARD PRACTICES
Surveys summer vineyard management practices. Covers vineyard management after planting until harvest. Covers training of young vines, disease and weed identification and control, canopy and vineyard floor management, and nutritional applications. Prerequisite: VMW 101 or instructor consent.

VMW 115 (P/T) 3 Credits
RECORD KEEPING / TTB COMPLIANCE
Covers the basics of label compliance, tax calculation, record keeping, chemicals used, and taste room compliance. Examines different software programs to do these tasks.

VMW 122 (P/T) 3 Credits
INTRO TO WINE MAKING
Surveys the history of wine, wine grape varieties, and world wine regions. Covers the annual cycle of vine growth and berry ripening; wine grape processing practices; and fermentation of wines. Examines winemaking practices used for white, red, sparkling, and dessert wines. Introduces the application of sensory science to wine quality evaluation. Reviews wine and health issues.

VMW 170 (P/T) 3 Credits
INTRO TO WINE MARKETING
 Explores wine marketing in the Pacific Northwest, as well as world wide. Introduces concepts and topics useful to winery and vineyard owners, marketing personnel, retail and wholesale marketers, and wine buyers.

WELDING

WELD 102 (P/T) 4 Credits
PIPE WELDING
 Provides basic skill development in pipe welding, including fitting and preparing the pipe joint for welding, welding pipe in different positions, repairing pipe that has been welded if there is a defect in the weld process, reading x-ray, setting up and welding pipe for certifications in the 6G position. Prerequisite: WELD 103, or instructor approval.

WELD 103 (P/T) 4 Credits
ELECTRIC ARC WELDING
 Covers basic metallurgy; the importance of stringer beads, and other fundamentals of mild steel all position stick electrode welding. Includes welding operations in flat, horizontal, vertical and overhead positions. Uses a variety of types and thickness of metals.

WELD 104 (P/T) 4 Credits
MIG/FAW WELDING
 Provides basic skill development in TIG and MIG welding. Covers the use of equipment, variables, safety, data for welding metals, and welding procedures. Includes establishing the arc and making weld beads, basic joints on weld steel: stainless and aluminum, and fundamentals of plasma arc cutting.

WELD 150 (P/T) 4 Credits
BASIC WELDING I
 Develops basic operative skills in oxyacetylene welding, brazing, cutting, and shielded metal arc welding. Covers safety consciousness in an industrial environment.

WELD 160 (P/T) 4 Credits
BASIC WELDING II
 Presents the proper technique and manipulation of oxyacetylene welding and electric arc welding for hard facing, aluminum brazing, soldering, and brazing copper pipe.

WELD 170 (P/T) 4 Credits
ADVANCED WELDING PROCESSES
 Covers the knowledge and skills necessary for set-up, adjustment, and operation of the welding processes for tungsten inert gas weld, and AMI Model 207 microprocessor for fusion welding of tube and pipe.

WELD 190 (P/T) 4 Credits
TEST PROCEDURES
 Explores what occurs in metal when welded, how metal is affected by welding, how to use these effects to the best advantage, how to recognize characteristics of major alloying elements, and how to use basic destructive and non-destructive weld testing methods. Results in welding certification upon successful completion of certification tests. Prerequisites: WELD 103 or 104, or instructor approval.

WELD 296 (P/T) 4 Credits
WELDING FABRICATIONS PRACTICES
 Provides knowledge and related skills of welding fabrication practices. Introduces procedures used in designing basic welded structures, calculating strength of materials, efficient fabrication procedures, and estimating fabrication costs.

WRITING

WR 090 3 Credits
FUNDAMENTALS OF COMPOSITION
 Develops basic writing skills such as sentence structure, grammar, and punctuation used in paragraph structure. Prerequisite: Pass WR 40 or suitable placement score.

WR 095 3 Credits
ENGLISH COMPOSITION
 Emphasizes basic grammar, punctuation, sentence structure, and paragraph development necessary for effective college-level writing. Prerequisites: Pass WR 90 with a "C" or better, or suitable placement score.

WR 101 (P/T) 3 Credits
WORKPLACE COMMUNICATIONS I
 Assists students to develop effective communication skills in the work place by preparing and presenting documents such as resumes, letters, memos, short reports, instructions, and proposals. Designed for students in professional/technical programs. Not designed to transfer. Prerequisite: Pass WR 095 with a "C" or better, or suitable placement score.

WR 115 3 Credits
INTRO TO COLLEGE WRITING
 Develops the students' critical thinking skills and emphasizes basic competence in grammar, mechanics, sentence structure, with particular attention to unified writing, and coherent essays. Prerequisites: Pass WR 95 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

WR 121 3 Credits
ENGLISH COMPOSITION
 Reviews grammar, punctuation, paragraph unity, organization, support, transition, and topic sentences. Stresses writing five paragraph personal essays with close attention to word choice, sentence structure, pre-writing, and revision. Prerequisites: Pass WR 115 with a "C" or better, or suitable placement score and pass READ 12, or suitable placement score.

WR 122 3 Credits
ENGLISH COMPOSITION
 Continues the goals of WR 121 and examines the logical means of developing ideas in argumentative essays. Examines logic and style. Considers rhetorical modes such as process analysis, comparison/contrast course/effect analysis, and argument and persuasion. Prerequisites: Pass WR 121 with a "C" or better.

WR 123 3 Credits
ENGLISH COMPOSITION
 Helps students improve writing skills and prepare for the large amount of writing required in college and career. Emphasizes critical thinking, critical reading, argument, and research. Prerequisites: Pass WR 122 with a "C" or better.

WR 227 3 Credits
TECHNICAL REPORT WRITING
 Applies principles of composition in writing technical and business reports. Covers information gathering, organization techniques, and graphic presentation. Includes oral and written presentation techniques, and emphasizes the use of technology. Prerequisites: Pass WR 122 with a "C" or better.

COURSE DESCRIPTIONS

WR 241 to WR 243

WR 241 3 Credits
INTRO TO IMAGINATIVE WRITING
Explores reading and writing some of the major varieties of imaginative, or “creative”, writing. Focus: reading and writing short fiction. Prerequisites: Pass WR 115 with a “C” or better, or suitable placement score and pass READ 12, or suitable placement score.

WR 242 3 Credits
INTRO TO IMAGINATIVE WRITING
Explores the reading and writing of three of the major varieties of imaginative, or “creative”, writing. Focus: reading and writing creative nonfiction. Prerequisites: Pass WR 115 with a “C” or better, or suitable placement score and pass READ 12, or suitable placement score.

WR 243 3 Credits
INTRO TO IMAGINATIVE WRITING
Explores the reading and writing of three of the major varieties of imaginative, or “creative”, writing. Focus: reading and writing poetry. Prerequisites: Pass WR 115 with a “C” or better, or suitable placement score and pass READ 12, or suitable placement score.