

2021 - 2022

CATALOG



TREASURE VALLEY
COMMUNITY COLLEGE

Treasure Valley Community College

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Academic Calendars

ACADEMIC CALENDAR

Summer 2021

May 12.....	Summer priority deadline to submit for Financial Aid
June 7 - 12.....	College Choice Registration
June 10.....	Low Enrollment cancellation day.
June 21.....	1st Payment Due (All Summer Sessions)
June 21.....	Summer Classes Begin (8-Week & First 4-Week Sessions)
June 22.....	Last Day to Register W-out Instructor Approval (8-Week & 1st 4-Week Sessions)
June 25.....	Last Day to Receive a Refund (8-Week & First 4-Week Sessions)
June 29	Last Day to Drop Classes Without a "W", Declare an Audit or Request "S" or "U" Grades (First 4-week session)
July 5.....	Independence Day Observed (college closed)
July 7.....	Last Day to Drop Classes Without a "W", Declare an Audit or Request "S" or "U" Grades
July 8.....	Last Day to Withdraw from Classes with a "W" (First 4-Week Session)
July 15.....	First 4-Week Session Ends
Aug 5.....	Last Day to Drop Classes Without a "W", Declare an Audit or Request "S" or "U" Grades
August 19 - 12.....	Final Exam Week

Fall 2021

September 6.....	Labor Day Observed (college closed)
September 13 - 24.....	College Choice Registration
September 16.....	Low-Enrolled Classes Cancelled
September 20 - 24.....	TVCC In-Service Week for Faculty & Staff
September 23.....	Residence Hall Opens 10 am
September 24.....	New Student Orientation
September 27.....	1st Payment Due for Fall Quarter
September 27.....	Fall Term Classes Begin
September 28.....	Last Day to Register Without Instructor Approval (5 pm)
October 8.....	Last Day to Receive a Refund (must officially withdraw by 5 pm)
October 22.....	Last Day to Drop Classes Without a "W", Declare an Audit or Request "S" or "U" Grades
November 2.....	Advising Day for Winter Quarter (no day classes held from 8am to 4pm)
November 4.....	2nd Payment Due for Fall
November 8.....	Registration for Winter Begins for New Students
November 11.....	Veterans Day Observed (college closed)
November 19.....	Last Day to Withdraw from Classes with a "W" (5 pm)
November 22.....	Winter Priority Deadline for Financial Aid Documents
November 24.....	Campus Closes at 3 pm
November 25 - 26.....	Thanksgiving Observed (college closed)
December 6 - 10.....	Final Exam Week
December 6.....	Final Payment Due for Fall
December 10.....	Residence Hall Closes at 5 pm
December 13 - 31.....	College Choice Registration
December 13 - January 2..	Winter Vacation
December 16.....	Low-Enrolled Classes Cancelled
December 20 - 26.....	College Closed
December 31.....	Residence Hall Opens 10 am
December 31.....	New Year's Day Observed (college closed)

Winter 2022

January 3.....	1st Payment Due for Winter
January 3.....	Winter Term Classes Begin
January 4.....	Last Day to Register Without Instructor Approval (5 pm)
January 14.....	Last Day to Receive a Refund (must officially withdraw by 5 pm)

January 14.....TVCC Foundation Scholarship Deadline
 January 17.....Martin Luther King Day Observed (college closed)
 January 28.....Last Day to Drop Classes Without a "W", Declare an Audit or Request "S" or "U"
 Grades
 January 28.....Petitions to Graduate Due
 February 7.....2nd Payment Due for Winter
 February 15.....Advising Day for Spring & Summer Terms (No day classes held 8 am to 4 pm)
 February 15.....Spring Priority Deadline for All Documents to be Submitted to Financial Aid Office
 February 21.....President's Day Observed (college closed)
 February 22.....Registration for Spring & Summer Begins for New Students
 February 25.....Last Day to Withdraw from Classes with a "W" (5 pm)
 March 7.....Final Payment Due for Winter
 March 14 - 25.....College Choice Registration Begins for Spring/Summer
 March 14 - March 18.....Final Exam Week
 March 17.....Low-Enrolled Classes Cancelled
 March 18.....Residence Hall Closes 5 pm

Spring 2022

March 21 - 25.....Spring Vacation
 March 25.....Residence Hall Opens 10 am
 March 28.....1st Payment Due for Spring
 March 28.....Spring Term Classes Begin
 March 29.....Last Day to Register Without Instructor Approval (5 pm)
 April 8.....Last Day to Receive a Refund (must officially withdraw by 5 pm)
 April 22.....Last Day to Drop Classes Without "W", Declare an Audit or Request "S" or "U"
 Grades (5 pm)
 April 27.....2nd Payment Due for Spring
 May 10.....Advising Day for Fall Term (Advising 8 am-1 pm; No day classes from 8 am-4 pm)
 May 10.....TVCC Success Summit (college closed 2 pm to 4 pm)
 May 16.....Registration for Fall Begins for New Students
 May 20.....Last Day to Withdraw From Classes with a "W" (5 pm)
 May 30.....Memorial Day Observed (college closed)
 May 31.....Final Payment Due for Spring
 June 6 - 10.....Final Exam Week
 June 10.....Commencement
 June 10.....Residence Hall Closes 5 pm

President's Message

Welcome from the President



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

Whether your educational goals include earning your associate's degree and then transferring to a four-year college or joining the workforce; completing a technical certificate; taking courses for personal or professional enrichment; or completing your GED, you will find our dedicated faculty and staff eager to serve you and to share in your excitement.

Alumni and current students regularly tell us that some of the things they like best at TVCC are the small class size, friendly and supportive faculty and staff, and the personal attention they receive during their studies here.

TVCC is also engaged with the communities we serve, and with businesses and industry to promote economic and workforce development. Developing a highly skilled workforce is a critical component of ensuring vitality for our local communities and our nation. Our job is to ensure all Treasure Valley Community College students have every opportunity to acquire the skills and knowledge necessary to achieve their dreams and career goals.

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.

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 at Treasure Valley Community College all that you want it to be!

Best wishes to you for a successful academic year!

Admissions Checklist

Ontario, Oregon Campus

- APPLY FOR ADMISSION ONLINE**
Fill out an application online at catalog.tvcc.cc using the *Apply now!* link.
- APPLY FOR FINANCIAL AID**
Apply at www.fafsa.ed.gov or call (541) 881-5833.
- TAKE THE PLACEMENT TEST**
Call (541) 881-5798 for hours of operation, or go online at catalog.tvcc.cc/testing to view and print current testing schedule and information. No appointment necessary.
- SUBMIT OFFICIAL TRANSCRIPTS**
If you have previously attended other schools, colleges, or universities, submit an official transcript from each institution to: TVCC Admissions, 650 College Blvd, Ontario, OR 97914. or email to Dkriegh@tvcc.cc
- ATTEND AN ADVISING AND REGISTRATION SESSION**
Call (541) 881-5816 or (541) 881-5815 to make an appointment. catalog.tvcc.cc/admissions/advising.cfm
- PAY TUITION AND FEES**
Check for tuition due dates at catalog.tvcc.cc or call (541) 881-5815 for payment options.
- BUY BOOKS AT THE TVCC BOOKSTORE**
Call (541) 881-5750 for more information, phone orders, and hours of operation.
- APPLY FOR HOUSING**
Visit <http://studentlife.tvcc.cc>, or call (541) 881-5782 for more information.
- GET YOUR FREE STUDENT ID**
ID cards are issued at the Student Services Center
- ATTEND NEW STUDENT ORIENTATION (NSO)**

Caldwell, Idaho Center

- APPLY FOR ADMISSION ONLINE**
Fill out an application online at catalog.tvcc.cc using the *Apply now!* link.
- APPLY FOR FINANCIAL AID**
Apply at www.fafsa.ed.gov or call (541) 881-5833.
- TAKE THE PLACEMENT TEST**
Call (208) 455-6835 for hours of operation, or go online at catalog.tvcc.cc/testing to view and print current testing schedule and information. No appointment necessary.
- SUBMIT OFFICIAL TRANSCRIPTS**
If you have previously attended other schools, colleges, or universities, submit an official transcript from each institution to: TVCC Admissions, 650 College Blvd, Ontario, OR 97914 or email to Dkriegh@tvcc.cc.
- ATTEND AN ADVISING AND REGISTRATION SESSION**
Call (208) 454-9911 for an appointment.
- PAY TUITION AND FEES**
Check for tuition due dates at catalog.tvcc.cc or call (208) 454-9911 for payment options.
- BUY BOOKS AT THE TVCC BOOKSTORE**
Call (208) 454-9911 for more information, phone orders, and hours of operation.
- GET YOUR FREE STUDENT ID**
ID cards are issued at the Caldwell Center. Call (208) 454-9911 for days
- ATTEND NEW STUDENT ORIENTATION (NSO).**

Notice of NonDiscrimination

It is the policy of the Treasure Valley Community College Board of Education and the College that there will be no discrimination or harassment on the grounds of race, color, sex, marital status, sexual orientation, religion, national origin, age, or disability in any educational programs, activities or employment.

Lack of English language skills will not be a barrier to admission and participation in career and technical education programs. Persons having questions about equal opportunity and nondiscrimination should contact the Human Resources office or call (541) 881-5838 or TTY (541) 881-2723.

Section 504 coordinator: (541) 881-5825. Director of Admissions and Student Success.

Title II coordinator: (541) 881-5590. VP of Academic Title IX coordinator: (541) 881-5825. Training and Compliance Coordinator

This catalog is published for informational purposes, and every effort is made to ensure 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.

Helpful Contacts

Ontario Campus	(541) 881-8822	Caldwell Center	(208) 454-9911
Admissions	(541) 881-5822	Advising	(541) 881-5816
Financial Aid	(541) 881-5833	Veteran's Services	(541) 881-5805

ADMISSIONS CRITERIA

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 online at www.tvcc.cc/admissions/. [Click here](#) for the admission process checklist.

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:

- [Aviation Technology: Helicopter](#)
- [Aviation Technology: Fixed Wing](#)
- [Emergency Medical Technician](#)
- [Nursing](#)

Use the links above to access further information on programs with special application procedures.

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 [Academic Calendar](#) for information about registration dates. Any non-degree seeking student intending to enroll in an English or math course should first take the respective placement test to determine entry level placement.

Dual Credit High School Partnership Programs

Treasure Valley Community College (TVCC) provides numerous opportunities for area high school students to earn college credits while still in high school. Please review the following programs to find out how you can get a jump start on your college career at a reduced tuition cost.

Col-Cred

The COL-CRED program at TVCC is a collaborative educational venture in partnership with area high schools. It is a unique opportunity for high achieving students to earn both High School and College credits while in high school. Classes are taught on the high school campus by qualified high school instructors. The registration process is facilitated through the high school teacher and high school students can sign up for as many Col-Cred classes as are offered at each individual high school.

COL-CRED classes are usually those that meet general education requirements for Oregon and Idaho universities. They are introductory in nature and meet the basic core requirements offered during the college freshman year.

College Choice

TVCC offers local high school Juniors and Seniors the opportunity to enroll in two college courses each quarter.

Students meeting the cumulative 3.0 GPA criteria for the program can register, on a space available basis, two weeks before each quarter. Both online and live classes are eligible for College Choice. Advisors in the Student Services Center can help students with class selections.

Sponsored Dual Credit

Sponsored Dual Credit is a Dual Credit option for high school students who will be seeking a 2-year degree, certificate, or skill set in a career and technical field. It is designed to award college credit for skills or knowledge attained while in high school. At TVCC, students can begin earning college credit through Sponsored Dual Credit programs as early as their freshman year at one of the partnering high schools. Many of the Sponsored Dual Credits are Professional Technical (PT) credits and may not transfer to a four year university, however, up to 12 PT credits can be used as electives toward an Oregon transfer degree (AAOT). For more information call (541) 881-5814, or check with a high school counselor for further information about this program.

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 vaccinations. 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.

INTERNATIONAL STUDENTS

Admission for International Students

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

- A completed online Admissions Application.
- Proof of completing a high school diploma or equivalent.
- Official transcripts from all previous high schools, colleges, or universities (If the original transcripts are not in English, English translations must be provided).
- Documentation of financial support sufficient to meet the cost of one year of tuition, fees and living expenses in the form of an original, current bank statement on bank letterhead stationary showing a balance equal to the cost of one year of tuition, fees, and living expenses. Scholarships and fellowships may be documented with an official award letter from the College or sponsoring agency.
- Photocopy of the identification page of the current passport.
- Proof of health insurance.
- Evidence of English language proficiency. Applicants whose native language is not English must demonstrate English proficiency by meeting one of the following requirements:
 - An official Test of English as a Foreign Language (TOEFL) score of at least 61 on the Internet-Based Test (iBT), at least 173 on the computer-based test (CBT), or at least 500 on the Paper-Based Test (PBT);
 - A score of at least 6 on the International English Language testing System (IELTS);
 - Graduation from a U.S. high school; or A score of at least 6 on the International English Language testing System (IELTS);
 - Completion of an ESL (English as a Second Language) Program.

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

- Photocopy of the current Student and Exchange Visitor Information System (SEVIS) Form I-20
- Photocopy of your I-94-Arrival/Departure Record;
- Completed TVCC International Student Transfer-In Form.;

Mail or fax all admissions documents to:

Admissions Office
Treasure Valley Community College
650 College Boulevard
Ontario, Oregon, US 97914

Fax: (541) 881-5529

Email: admissions@tvcc.cc

If you submit electronic documents, you must mail the original paperwork, as well.

All records in a foreign language must include the originals accompanied by an English translation. When all of the above forms and required information is received by the Admissions Office, the applicant will then be considered for admission (an I-20 form will not be issued to any individual until all required information has been received and approved by the Admission Office). All students must enroll by the last scheduled day of registration of each term. Foreign students must register for 12 credits or more to be certified on the I-20 form.

UNDERAGE STUDENTS

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 Vice President of Student Services and complete the admissions process before registering for classes.

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 14 major buildings on campus. The enrollment has increased significantly since the early days, and the college now serves 7,500 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.

COLLEGE BOARD

BOARD OF EDUCATION

The Board of Education has primary authority for establishing policies governing the operation of the college and for adopting the college's annual budget. The board's charge is to oversee the development of programs and services that board members believe will best serve the needs of the people of the Treasure Valley Community College district.

Among the board's primary functions are selecting the president of the College, developing and sustaining the philosophy and policies of the College, setting the costs of tuition and fees, adopting the annual budget, and approving plans for developing and maintaining the physical plant.

COLLEGE HISTORY

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. Since then TVCC has grown to 14 major buildings, including the Laura Moore Cunningham Science Center, which officially opened its doors in 2013.

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 rural campus occupies 90 acres on the western edge of the Treasure Valley. The nearby Four Rivers Cultural Center houses the Meyer-McLean theater used by the college to present plays, concerts, and for other purposes.

TVCC also provides outreach services in Harney County at the Burns Outreach Center, the Warner Creek Correctional Institution in Lakeview, and at the Snake River Correctional Institution in Ontario.

THE ONTARIO CAMPUS

The 90-acre campus sits near the center of Ontario, Oregon, providing easy access for city residents. Major campus attractions include a residence hall, a professional-technical complex, a gymnasium/athletic complex, and a state of the art science center which opened in 2013. 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 (FRCC) and museum opened its doors on the TVCC Campus in 1997. This first-class facility also houses the Student Services Center, the Testing 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.

FRCC 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 FRCC. The display features a variety of arrowheads, stone tools, and other artifacts of Native American culture.

THE 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 includes 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 a.m. and 9 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.

TVCC's Caldwell Center is located on the banks of Indian Creek in downtown Caldwell, at 205 S. 6th Avenue, at the intersection of Blaine and 6th.

COMMUNITY OUTREACH CENTER

The college provides outreach services throughout the region. Outreach centers are located in Harney County at the Burns Outreach Center, 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 at their convenience.
- Distance Learning classes utilize computer or video technologies. A wide range of courses are offered in a variety of formats.

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.

COLLEGE MISSION

TVCC is a comprehensive community college dedicated to promoting student success.

VISION

TVCC will be an excellence-driven institution offering quality programs to ensure student success.

CORE THEMES

Treasure Valley Community College has identified three core themes, with associated strategic objectives under each theme, which individually manifest essential elements of the mission while collectively encompassing the mission:

Ensuring Access

At TVCC, Ensuring Access means equitable access to quality education. The entire focus of this Core Theme is to ensure that historically underserved student groups fare similarly to others with respect to student learning and achievement.

1. reduce the achievement gap for first generation college students,

2. reduce the achievement gap for underrepresented students of color,
3. reduce the achievement gap for economically disadvantaged students.

Fostering Educational Success

1. Enhance opportunities for student development
2. Provide comprehensive educational support services
3. Provide quality instruction
4. Support new and innovative academic programs to meet local and regional employment demands
5. Provide a variety of delivery methods to inform, retain, and educate

Building Our Community

1. Enhance partnerships
2. Maintain and build partnerships for private and public sector funding
3. Support regional economic opportunities
4. Showcase and share the TVCC story

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 more than 7,000 students annually. Most of the students are from Oregon or the neighboring Idaho communities. The largest group of students is 18-23 years old but many older returning adults are also served. About 45% of the credit 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 54% of the credit 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.

TVCC 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) 881-5585.

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 or on the [Foundation](#) website.

PAYMENT

Payment in full or payment arrangements must be made by the payment due date published in the academic calendar. Students may pay online with Visa or Mastercard, and e-check; or with cash or check, Visa, or Mastercard in Student Services. Payment plans may be arranged via CashNet through myTVCC.cc.

The amount of tuition students pay is determined by the number of credits taken and residency. There are additional fees attached to tuition. A detailed description of tuition and fees is found online at http://catalog.tvcc.cc/admissions/tuition_and_fees.cfm.

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. Please see the academic calendar for published dates.

AVIATION PROGRAM FEES - HELICOPTER - IDAHO

FEES 2021 -2022

TVCC Helicopter costs are listed below. The FAA Part 61 hours and Part 141 Training Course details can be found here ([Flight Details](#)).

TVCC flight courses are listed in the attached document by course number.

The flight labs include tuition and fees for flight training as required by Training Course Outline (TCO) and are based on the number of credit hours attributed to each course. At the completion of each course and associated flight training hours, student will be assigned punitive passing or failing grade as per TVCC Grading Policy.

The Insurance fee of \$550 is a one-time assessment levied with first flight class taken.

Note: Manufacturer's weight limitation prevents pilots over 240 pounds from flying the R-22. TVCC does not enroll students weighing in excess of 240 pounds in the Private Pilot Flight Labs.

Aircraft

Treasure Valley Community College Leases:

Robinson R-22 Tail #838SH

Robinson R-22 Tail #826SA

Robinson R-22 Tail #6703S

Robinson R-22 Tail #3189Z

Hourly rates for helicopter and CFI's for 2021-22 academic year follow:

Aircraft	Amount
R-22 Private and Commercial Solo	\$260.00
R-22 Private and Commercial Dual	\$290.00
R-22 CFI	\$290.00
R-44 Commercial and Instrument Dual	\$480.00
(**R-44 Commercial Advanced	\$580.00
R-44 Commercial Solo	\$450.00
R-44 CFII	\$480.00
R-66 Commercial Dual	\$900.00
Fees	Amount
Instructor Fee	\$50.00
CFI Instructor Fee	\$55.00
Advanced Instructor Fee	\$65.00
Written Exam Fee	\$175.00
FOI Exam Fee	\$175.00
Private, Commercial Check Ride	\$800.00
Instrument, CFII Check Ride	\$700.00
CFI Check Ride	\$1,000.00
Insurance Fee	\$550.00
Admin. Fee	\$550.00
Idaho Tuition/Fees	\$145.00
Oregon Tuition/fees	\$128.00

Tuition and Fee Schedule - Helicopter

Rating	Flight Hours	Pre/Post	Add. Group	TOTAL COST	Credits
PRIVATE	85	21.25	40	\$31,022.50	3
INSTRUMENT	35	8.75	30	\$21,002.50	2
COMMERCIAL	74	20	30	\$31,730.00	3
CFI	25	6.25	40	\$12,533.75	2
CFII	15	3.75	15	\$10,402.50	2
Totals	234	60	155	\$106,691.25	12
PLUS					
Tuition and fees	\$145 Per			\$11,600.00	80
				TOTAL	\$118,291.25 92 Credits

AVIATION PROGRAM FEES - FIXED WING - OREGON

FEES 2021-22

TVCC Fixed-Wing Costs by Rating are listed below. The FAA Part 61 Hours and course details can be found here ([flight details](#)).

There is a one-time Insurance fee of \$550 levied with first flight class enrollment. FAA Written Exam and Check Ride fees are included in cost of each rating, charged in the first flight course enrolled for the rating. Simulation classes are ground courses and include AV 112 - 5 hours Private; AV 212 - 5 Hours Instrument, AV 213 - 5 Hours Instrument..

Classroom training is held at Treasure Valley Community College Main Campus in Ontario. Flight training is conducted at the Ontario Municipal Airport.

Hourly Rates and Aircraft Information are for this academic year:

Aircraft

Treasure Valley Community College Leases:

- Cessna C-172 Tail #3455E
- Cessna C-172 Tail #5415D
- Cessna C-172 Tail #9823L
- Cessna C-172 Tail #4787E

Hourly rates for fixed-wing and CFI's for this academic year follow:

Aircraft	Amount
C-172 solo	\$150.00
C-172 Dual	\$185.00
C-172 Dual CFI	\$200.00
C-172RG	\$245.00
BE 76 Multi	\$375.00
Simulator	\$65.00
Fees	Amount
Instructor Fee	\$55.00
Instructor Fee CFI	\$60.00
Instructor Fee Multi	\$65.00
Check Ride 172	\$600.00
Insurance Fee	\$550.00
Check Ride BE 76	\$600.00
Admin. Fee	\$550.00
Written Exam Fee	\$175.00
CFI Checkride	\$900.00
FOI Written Exam	\$175.00
Idaho Tuition/Fees	\$145.00
Oregon Tuition/fees	\$128.00

Tuition and Fee Schedule – Oregon Fixed-Wing 2021-22

Rating	Flight Hou	Pre/Post	Add. Grou	TOTAL COST	Credits
PRIVATE	67	16.75	40	\$17,227.25	2
INSTRUMENT	40	10	30	\$11,731.00	2
COMMERCIAL	145	28	35	\$31,367.50	6
CFI	25	6.25	40	\$9,831.00	2
CFII	15	3.75	15	\$5,387.25	2
Multi Engine	15	3.75	10	\$7,796.75	1
Totals	307	68.5	170	\$83,340.75	15
PLUS					
Tuition and fees	\$128 Per			\$9,728.00	76
TOTAL				\$93,068.75	91 Credits

FINANCIAL AID

Treasure Valley Community College makes every effort to ensure that students with financial need have access to programs and courses of study. Answers to general questions may be found on the Financial Aid webpage at . For more specific questions, contact the Financial Aid office located in the Student Services Center at (541) 881-5833 or email finaid@tvcc.cc. Students are strongly encouraged to submit their Free Application for Federal Student Aid (FAFSA) as soon as possible after Oct. 1 prior to the school year for which they are applying for aid (e.g. for 2018-19 school year students will submit their FAFSA October 1, 2017 using their 2016 income taxes). Please see www.FAFSA.ed.gov for more details.

Who May Be Considered for Financial Aid?

In order to comply with general federal eligibility provisions at TVCC, students must:

- be a U.S. citizen or eligible non-citizen with appropriate documentation;
- have a high school diploma, a GED certificate or complete a home school program at a secondary level;
- be enrolled as certificate-seeking or degree-seeking students with declared majors at TVCC;
- maintain satisfactory academic progress;
- certify that they are not in default on a federal student loan and that they do not owe money on a federal student grant;
- and be registered with the Selective Service, if required.

In order to receive aid from TVCC, Students must complete the application materials, including the FAFSA each year, be eligible according to applicable criteria and be enrolled in and attend credit classes at TVCC.

How Student Aid is Distributed

On the second Friday of each term, referred to as the "census date," enrollment is frozen and financial aid is applied to the students account based on enrollment level. Aid is applied first to tuition, fees, authorized bookstore charges and room/board for on-campus students. Any remaining funds are refunded to the student. Work-study earnings are paid each month through the College's normal payroll process.

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 school develops its own average **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). Your cost of attendance budget will depend on where your permanent address is (state of residency), your housing plans while in school, the number of dependents you have (if any), and your enrollment status (the number of credits you take each term.) TVCC financial aid uses standardized amounts or calculations for each of these budget items and customizes your budget for your situation.

Your **Expected Family Contribution (EFC)** is computed by the U.S. Department of Education's processing center using the information provided on the FAFSA application. Your EFC will usually appear on the Student Aid Report (SAR). Your EFC is the basis for determining Pell Grant eligibility, and is subtracted from your personalized Cost of Attendance budget to determine your Financial Need.

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

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, EFC, Financial Need, and the financial aid funds they are eligible for in an award notification from TVCC Financial Aid.

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 the TVCC Financial Aid office adequate time to make quarterly adjustments if necessary. For more information regarding enrollment status requirements for each award program, contact TVCC Financial Aid.

Note - Maintaining Eligibility for Financial Aid

TVCC Financial Aid is required by the U.S. Department of Education to publish Standards of Academic Progress (SAP) and monitor all students' progress as described in these standards. Please use the following link to view the full policy http://catalog.tvcc.cc/current/financialaid/financial_aid_fa_q.cfm. Steps for regaining financial aid eligibility are outlined in the policy.

Withdrawal Penalty/Repayment Requirements

Students who receive federal financial aid and who:

- Subsequently completely withdraw, stop attending or are expelled, or
- are enrolled in a combination of module and full-term classes and drop or stop attending all full-term classes

may be subject to repayment of unearned financial aid. A Title IV return calculation determines, based on withdrawal date, the amount of federal aid the student has earned. The amount of federal aid earned, under the federal aid return policy, may be less than tuition and other charges. This means that upon withdrawal, a student may owe TVCC tuition and other charges in excess of net student aid. The student is responsible for payment of charges not covered by student aid. Withdrawal from classes after the tuition due date may affect completion rates that are required for Standards of Academic Progress (http://catalog.tvcc.cc/current/financialaid/financial_aid_fa_q.cfm). At the time of complete withdrawal, students can request an estimated Title IV refund/repayment calculation from the Financial Aid office.

How to Apply for Financial Aid

The Free Application for Federal Student Aid (FAFSA) may be submitted as early as Oct. 1 for the upcoming fall, winter, spring, and summer award year. Students are encouraged to apply as early as possible, as some funding is limited. Continuing students must reapply each academic year by completing a FAFSA or Renewal FAFSA. TVCC's federal Title IV school code is 003221.

All students may complete the FAFSA online at www.fafsa.ed.gov.

A paper FAFSA is available in .pdf format at the same website.

The Financial Aid Office can provide additional and detailed information about various financial aid programs. For further information, the student should:

- Go to www.tvcc.cc/financialaid
- send an email to finaid@tvcc.cc
- send a letter to TVCC Financial Aid, 650 College Blvd, Ontario, OR 97914; or
- call (541) 881-5833.

In all correspondence with the Financial Aid office, students should include their name and TVCC Student ID number.

What Types of Aid Are Available?

Financial aid is money awarded to students to help pay for tuition, fees, books, room and board, and transportation while they are working on a certificate or degree. There are four types of financial aid programs available: scholarships, grants, loans and work-study. These funds come from various sources. Program details, including eligibility criteria and dollar amounts, may differ from the following descriptions if applicable laws or regulations governing such programs change after printing of this material.

Scholarships

The TVCC Foundation has three primary types of scholarship programs, based on need, merit and individual criteria as determined by private donors. Scholarships are a type of gift aid.

Grants

Grants are awards on the basis of financial need. Grants do not have to be repaid and are another type of gift aid. Student financial aid packages include grant funds whenever student eligibility and funding levels permit. Funding for the grant programs administered at TVCC comes from the Department of Education and the state of Oregon.

Federal Pell Grant (limited to 18 quarters)

The Federal Pell Grant program was established to provide financial aid for eligible undergraduate students with financial need. Eligibility for other federal aid is determined after the Pell Grant is taken into consideration. Grant awards in the 2020-21 academic year range from \$593 - \$5,920 annually depending on financial eligibility and enrollment. Students with a prior bachelor's degree are not eligible.

Federal Supplemental Education Opportunity Grant (FSEOG)

FSEOG awards are federally funded. TVCC is responsible for selecting eligible students and determining the amount of the award. The FSEOG is for undergraduates with exceptional financial need and gives priority to students who receive Federal Pell Grants. The 2020-21 FSEOG grant is \$750 and depends on federal funding allocations. The FSEOG is not available for summer term.

Oregon Opportunity Grant (OOG)

Oregon Promise is a state grant that covers most tuition at any Oregon community college for recent high school graduates and GED recipients. Eligibility is determined by the Oregon Student Access Commission. Students must be a recent Oregon High School graduate or GED recipient; document a 2.5 cumulative high school GPA or higher, or a GED score of 145 or higher on each test; plan to attend at least half-time at an Oregon community college within 6 months of high school graduation or GED completion; be an Oregon resident for at least 12 months prior to attendance; file a FAFSA or ORSAA application and list at least on Oregon community college; and must not have more than 90 college credits completed or attempted. **Funding for Oregon Promise is subject to Oregon Legislative approval.**

Loans

Note: Students are encouraged to borrow only the amount needed to cover educational expenses. Loan entrance and exit counseling are required for student loan borrowers.

Federal Direct Loan Programs (DL)

To be eligible for a Federal Direct Loan, students must be enrolled in at least six credit hours and must not be in default on a prior loan or owe a grant repayment. All loans must be repaid. Students must sign a promissory note (a legal agreement to repay) with the Department of Education before any loan money can be disbursed. The promissory note contains detailed information about the terms, responsibilities and repayment of the loan. Because students must repay educational loans, this kind of assistance is generally referred to as self-help aid. Federal Direct loans are accessed through the normal financial aid process.

Three specific types of Federal Direct Loans are available:

1. Federal Direct Subsidized Loan program. The Direct Subsidized Loan provides fixed interest (currently 4.45%) federal loans through the Department of Education. Maximum annual loan limits are based on financial need, but cannot exceed \$3,500 for freshmen and students in certificate programs and \$4,500 for sophomores. Effective July 1, 2013, new Direct Subsidized Loan borrowers are limited to borrowing up to 150% of the length of their current academic program. Loan repayment begins six months after a student ceases to be enrolled at least half-time. Monthly payment amount and length of repayment depend on the cumulative amount borrowed, but will be set up with an initial 10-year repayment.
2. Federal Direct Unsubsidized Loan program. The Direct Unsubsidized Loan provides fixed interest (currently 4.45%) federal loans through the Department of Education. The Direct Unsubsidized Loan is available to students who do not qualify for some or all of the need-based Direct Subsidized Loan. Awards cannot exceed \$3,500 for freshmen and students in certificate programs and \$4,500 for sophomores for an academic year. In addition, dependent students as defined by the Department of Education are eligible to borrow up to \$2,000 in Direct Unsubsidized Loans and independent students, up to an additional \$6,000. Student borrowers will be responsible for payment of the interest that accrues on these loans while they are in school and during periods of deferment. Loan repayment begins six months after a student ceases to be enrolled at least half time. Monthly payment amount and length of repayment depend on the cumulative amount borrowed, but will be set up with an initial 10-year repayment.
3. Federal Direct PLUS Loan. The Direct PLUS Loan is a non-need based, loan to parents. Loans may range up to the published cost of attendance for the institution minus other student aid. A loan origination fee of 4.276% is deducted at the time of disbursement. The annual interest rate is fixed at 7%. Parent borrowers will also be evaluated for adverse credit history. For more information on the Direct PLUS visit <https://studentaid.ed.gov/sa/types/loans/plus>.

Work-Study and Student Employment

Federal Work-Study (FWS) is a program that provides employment opportunities to students who apply for financial aid and are eligible for the Federal Work-Study program. Availability is based on federal fund limits. In addition to providing income, students may acquire work experience in jobs related to their academic interest. Students cannot be placed in a work-study job until they receive a financial aid award that includes work-study, and attend and secure a position at the Work-Study Job Fair at the beginning of Fall quarter. Students will not receive any Federal Work-Study funds until they are actually placed and working in a work-study job. Due to the need to match job requirements with student skills, the College cannot guarantee employment to all eligible FWS recipients. At TVCC, work-study jobs provide experience in a variety of fields including physical education, the library, the sciences, health service, and office work. Community services jobs are also available. For more information, visit <https://www.tvcc.cc/financialaid/workstudy.cfm>

PAYMENT PLAN

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.

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 five working days prior to the first day of class. Withdrawal requests must be made by calling 541-881-5755. Appeals to this policy may be made in writing to the Center for Business, Workforce and Community Learning (CBWCL).

All non-standard courses shall follow the same refund period as full term classes:

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 \$25.
- All payment extensions must be set up via CashNet in the MyTVCC.cc student portal.

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

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

SCHOLARSHIPS

TVCC Foundation 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 through a comprehensive review process 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 <https://www.tvcc.cc/scholarships>. 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 <https://www.tvcc.cc/scholarships>

SENIOR OPTIONS

Anyone, 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, CBWCL courses, or contract out-of-district programs.

TUITION AND FEES

Please contact the Student Service Center for the most up to date tuition rates and fees.

2021-22 Tuition	Per Credit
Oregon Residents :	\$108
Out of State Residents :	\$118
Caldwell Center :	\$118
Online Courses :	\$108
International Students :	\$223

Student Fees

Type of Fee	Per Credit
Student Activity	\$7
Universal	\$16
Online course fee	\$15
Idaho based course fee	\$7
Student Capital Project fee	\$1

Non-refundable student fees are assessed to all students based upon total credits. The fees support student activities through Associated Student Government (ASG). Some classes such as art, sciences, nursing, music and technical offerings may have additional fees.

VETERANS BENEFITS

TVCC's Veteran Services School Certifying 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.

It is the student's responsibility to notify the TVCC School Certifying 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 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 School Certifying Official at (541) 881-5805 or www.benefits.va.gov/gibill/.

Veteran's benefits available:

- Chapter 30 Montgomery GI Bill ®- Active Duty
 - Chapter 31 Vocational Rehabilitation (available through your local VA office)
 - 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
- "GI Bill ® is a registered trademark of the U.S. Department of Veterans Affairs (VA) for more information see the GI Bill ® Trademark terms of use.

Veterans Access, Choice and Accountability Act of 2014, Section 702

A person eligible for benefits under the federal Post-9/11 Veterans Educational Assistance Act of 2008 (38 U.S.C. Section 3679 (c)) or any federal law authorizing educational benefits for veterans shall be entitled to Oregon resident status for purposes of tuition and fees charged at TVCC.

Section 301 of Public Law 115-251

The following individuals shall be charged a rate of tuition not to exceed the in-state rate for tuition and fees purposes:

- A Veteran using educational assistance under either chapter 30 (Montgomery G.I. Bill® Active Duty Program) or chapter 33 (Post-9/11 G.I. Bill ®), of title 38, United States Code, who lives in the state in which the institution is located (regardless of his/her formal State of residence) and enrolls in the institution within three years of discharge or release from a period of active duty service of 90 days or more.
- Anyone using transferred Post-9/11 GI Bill ® benefits (38 U.S.C. § 3319) who lives in the state in which the institution is located (regardless of his/her formal State of residence) is eligible for in-state tuition.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same institution. The person so described must have enrolled in the institution prior to the expiration of the three-year period following discharge or release as described above and must be using educational benefits under either chapter 30 or chapter 33, of title 38, United States Code.
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 331 I(b)(9)) who lives in the state in which the institution is located (regardless of his/her formal State of residence).
- Anyone using transferred Post-9/11 G.I.Bill ® benefits (38 U.S.C. § 3319) who lives in the state in which the institution is located (regardless of his/her formal state of residence) and the transferor is a member of the uniformed service who is serving on active duty.
- Anyone using educational assistance under chapter 31, Vocational Rehabilitation and Employment (VR&E), who lives in the state in which the institution is located (regardless of his/her formal state of residence).
- TVCC does not impose any penalties in the form of late fees, requirements that students borrow additional funds, or restricted access to college resources for students using Chapter 31, Vocational Rehabilitation and Employment, or Chapter 33, Post 9/11 VA Education Benefits, for at least 90 days following the certification of enrollment, when the payment is late due to delayed disbursement by VA, provided the student request for certification is received by the first day of the term and any prior college transcripts have been evaluated as described above.

TVCC Veterans Transfer of Credits

Students receiving Veteran's benefits who enter as transfer students, or who have completed any college-level course work, are required to have all official transcripts submitted to the Admissions Office for evaluation. Students have until the end of their first term of enrollment to have submitted official transcripts. The VA will not pay for the student to repeat any classes they have previously passed successfully. Transfer credit can be awarded for some military courses.

PREPARING FOR CLASSES

Congratulations! You've made the decision to attend college.

Now what?

Successful students are excellent problem solvers. They don't wait for someone to tell them how, or where, or what to do. They actively search out resources they need to find answers and information, get help, move forward, and take care of business. Successful students learn to become excellent *self advocates*, even when everything is new and intimidating.

But, how do you know what you need? The first order of business is to take stock - inventory your academic, social and emotional skill sets. What are your strengths, what are your weaknesses, and what do you need to maximize your success at TVCC? Explore these questions and assess your "college-comfort" level.

ADVISING

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.

REQUIRED FRESHMAN COURSE

FWR 101, Ag 207, HDEV 112, Freshman Seminar, or HDEV 120, College Success, are required for New degree-seeking students and/or first time freshman entering College seeking a two-year degree. Both 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. \$25.00 fee

PLACEMENT TESTING

Students must take the placement exam if they are seeking a college degree or certificate. 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. The placement exam measures 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 placement exam results when selecting classes are more likely to succeed.

The cost of assessment is included in the universal fee. Students are encouraged to take the placement exam as soon as possible. There is a \$10 fee to re-take the placement exam. For more information, contact the Testing Center or visit <https://www.tvcc.cc/testingcenter>.

TESTING CENTER

Student Services Center: (541) 881-5799 or (541) 881-5798

The Testing Center offers testing at regularly scheduled hours, for distance delivery courses, the placement exam, CLEP testing, and contracted testing for industry.

Information about testing center hours and policies can be found at <https://www.tvcc.cc/testingcenter>.

The Testing Center is located in the Student Services Center.

REGISTRATION

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.

During the advising session, students will register for classes online. Reservations for orientation can be made online at <https://www.tvcc.cc/advising/> and click on Advising. Students unable to attend a group session can schedule an advising appointment.

DROP/WITHDRAW DEADLINES

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 his or her 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 [MyTVCC](#) 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 or probation letter (please see Standards of Academic Progress for Recipients of Financial Aid and Veteran Affairs Benefits) 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 is considered to have earned 100% of his/her 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 over payments 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.

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.
- Course withdrawal deadlines are different for summer quarter because the quarter is shorter.
- After the first two days of the quarter, the instructor's written approval is required for admission to a class.

Students may officially drop course(s) via email at dropcourses@tvcc.cc or 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.

REGISTERING FOR CLASSES

Student Services Center - (541) 881-5815

ATTEND AN ADVISING AND REGISTRATION SESSION

Students meet with a general advisor by attending an Advising and Registration Session typically offered May through mid-September. Students unable to attend a group session or prefer a one-on-one experience can schedule as advising appointment.

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.

Reservations for orientation can be made online at catalog.tvcc.cc/academics/ and click on Advising.

Returning students can register online at my.tvcc/ics.

STUDENT RESOURCES

With small class sizes and a wide variety of certificates and degrees, as well as locations in Ontario and Caldwell, we know how to help get you where you want to go. Whether you are just starting, coming back, or starting over, TVCC can help you reach your goals.

ASSOCIATED STUDENT GOVERNMENT

Weese Building - (541) 881-5785

The Associated Student Government (ASG) represents students to the TVCC administration and throughout the state of the Oregon. ASG fosters cooperation among students, staff, faculty, administration, and the Board of Education and has strong influence in institutional policy while serving on college governance committees. ASG also manages special projects that address student needs on campus. Information is available by calling the ASG Office.

ATHLETICS

Gym - (541) 881-5890

Athletics are an important part of the college experience. 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, softball, and rodeo. Men may participate in soccer, cross-country, basketball, baseball, tennis, track, and rodeo.

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

BOOKSTORE

Ontario, OR Bookstore - (541) 881-5750

Caldwell, ID Bookstore - (208) 654-6832

Students can find all required texts at the bookstore at a competitive price. In addition to locating required textbooks in the bookstore, students can view textbook information on the web-based course schedule at <https://my.tvcc.cc>. Students must click on "course search" (under quick links), select the specific course, and then click on the plus sign to display the Book Title, ISBN number and the cost of new and used books.

In addition to books, students can purchase items such as campus pride products, pens, paper, batteries, art supplies, backpacks, computer discs, electronic products, postage stamps, greeting cards, gifts, candy, and gum at the bookstore.

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 <https://www.tvcc.cc/bookstore/>. The Bookstore is open Monday through Friday.

Book Returns

Textbook publishers have strict return policies which affect the bookstore's return policy. Please refer to <https://www.tvcc.cc/bookstore/> for current return policy.

All textbook sales are final, there is only one exception to this policy: If a student drops a course within the first two weeks of classes and has purchased a textbook. A full refund will be given during the first week of class only, returns during the second week of classes will be added a 10% restocking fee, no returns are accepted after the first two weeks of each term. For summer term; returns are only accepted during the first week of classes. Book returns must have no writing or marks in them, and must have shrink wrap and or seal still intact. No returns are accepted without 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.

Buy Back Policy

The bookstore will pay up to 50% of the purchase price for used books which are current. Buyback typically occurs 9 a.m. to 4 p.m. Monday through Wednesday in Ontario and Thursday and Friday at the Caldwell Center during finals week of each term. Check for posted times and dates. Books no longer in use may be purchased at the same time by a used book company. Prices paid will vary.

CAREER RESOURCES

TVCC Career Resources are here to help you get on the road to success. Serving students, alumni, community and employers. TVCC career resources include tools for learning about yourself, interests and values. These resources will teach individuals to employ valuable skills such as writing cover letters, resumes, and interview preparation.

CLUBS AND ORGANIZATIONS

Weese Building - (541) 881-5791

Clubs and organizations exist as an opportunity for students to participate with fellow students who have similar interests in the areas of fellowship, culture, recreation, leadership, service, and other areas within the college. "There are many clubs and organizations at the College including Phi Theta Kappa, Natural Resources Club, Campus Christian Fellowship, Nursing Club, International Business Club, and many other cultural, faith based, academic, social, or recreational clubs."

COOPERATIVE WORK EXPERIENCE

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 which apply to their chosen career fields. Types of work experience include job shadowing, mentoring and experimental internships. 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 for information.

ADVISING

Student Services Center - (541) 881-5815

Welcome to Academic Advising at Treasure Valley Community College. Academic advising is an integral part of the learning process. As such, TVCC recognizes academic advising to be an important element of the educational experience. Academic Advising is a collective effort that encourages students to develop clear education plans and choose personal goals as well as career goals. All students at TVCC are assigned to a professional advisor or a faculty advisor based on the declared degree emphasis.

ACADEMIC ADVISING

Student Services Center - (541) 881-5815

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

COUNSELING SERVICES

Student Services - (208) 405-0020

TVCC is proud to offer on-campus counseling services for students. TVCC has a MOU with Insight Counseling and Therapy that provides crisis intervention, student referrals, screening and assessment services to students at TVCC. Their office is located on the Ontario Campus located in the Performing Arts Building. An initial meeting or walk-in is NO CHARGE to the student. No appointment is needed. If you wish to connect with these services outside of the stated on campus hours, you may call 208-405-0020. If it is emergency, please call 911.

ACCESSIBILITY AND ACCOMMODATIONS

Student Services - (541) 881-5812

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 Disabilities Services office before the beginning of the quarter in order to receive appropriate accommodations in a timely manner. Accessibility and Accommodations are available to permanently and temporarily disabled students in all programs and locations. Snake River Transit is available (541-881-0000), and can transport wheelchairs. TVCC provides disabled parking areas.

Current information is available in the Disability Services office or online at <https://www.tvcc.cc/collegeservices/disability.cfm>.

FITNESS AND RECREATION

In addition to quality academics and classes, we also have a full range of College events and activities that truly make TVCC a comprehensive community college. From Student Government and Student Activities to Performing Arts performances, we always have plenty of events to keep you connected and entertained.

STUDENT LIFE

In addition to quality academics and classes, we also have a full range of College events and activities that truly make TVCC a comprehensive community college. From Student Government and Student Activities to Performing Arts performances, we always have plenty of events to keep you connected and entertained.

RESIDENCE LIFE & FOOD SERVICE

Weese Building - (541) 881-5782

The College offers affordable and convenient living on campus. The Residence Life Program is central to the college mission of providing a comprehensive educational experience. Students living in the residence hall are within close walking distance to classrooms, the library, faculty offices, recreational facilities, and the Student Union building. The residence hall has an on-site laundry facility, and convenient access to a fitness center and athletic complex.

Living and participating in a residence hall environment can have a positive effect on college success. 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 or by contacting the Residence Life Office. Housing applications and contracts are available at the Residence Life Office or on the TVCC website. Contract details including deposit, cleaning fee, cancellation fees and other information can also be found on the website.

The Chukar Grill serves a variety of meals and entrees seven days a week. It is open to the campus and community as well as providing resident students with regular meals. Non-resident meal plans and flex dollars are available for purchase in Student Services. All students living in the residence hall are required to purchase a meal plan. Descriptions of the meal plans and prices can be found on the TVCC website.

LIBRARY

Weese Building - (541) 881-5929

The TVCC Library, located on the second floor of the Weese Building, supports, through its collection and staff, all educational pursuits of its students and faculty, provides instruction and research assistance to students, aids in the professional development of the College, as well as serves the cultural and recreational interests of the community. Everybody is welcome.

The Library houses an up-to-date collection of books, movies, audiobooks, CDs, magazines, as well as archived collections of local and college history, reference materials, and microfiche. There are student study rooms available for personal or group study equipped with movie viewing options. The Library has a student computer lab equipped with all the programs and resources TVCC students will need to successfully complete any course, including copier access and faxing. Additionally, the staff are available in person, via text or email, or through live online chat providing 24/7 reference help.

The TVCC Library is a member of the Sage Library System, allowing staff and students access to 80 Oregon libraries. Students may search all Sage libraries through the TVCC online catalog, ordering materials from libraries across the state of Oregon. TVCC participates in the Oregon Library Passport program which enables its staff and students, with their TVCC card, to use in person most any library in the state. The Library also provides access to the worldwide library catalog, giving patrons the ability to request items from libraries around the world and ensuring that patrons are unlimited in their ability to access personal and educational resources.

Digital resources are a vital part of the Library's services. Accessible from the College website, the Library provides a great reference library of digital books, encyclopedias, and e-Journals that contain the most current and competitive information resources for students. The Library maintains subscriptions to several electronic research databases providing current, academic, and quality resources to students that can be accessed quickly and easily from anywhere at any time. Instruction and tutoring in research methods is provided weekly and by appointment in the Library. The Library is devoted to the successful pursuit of learning and cultural enhancement of its community.

PUBLIC SAFETY AND SECURITY

Response

TVCC has a modest campus security force. In an emergency, dialing 9-911 from campus phones, or 911 from a personal cell phone will connect you to local emergency services. In other situations, dial (541) 212-9598 to reach Ontario campus security or (541) 212-9576 for the Physical Plant/Campus Security Director.

Campus emergency and incidents of crime should be reported to Campus Security as soon as possible. The Supervising Manager or Director will notify the appropriate TVCC Administrator.

In compliance with the Jeanne Clery Act, TVCC annually publishes and distributes the Annual security and Fire Safety Reports for the Ontario Campus and Caldwell Center. For copies of this document please visit the TVCC Students Right to Know website or contact the Office of Compliance at (541) 881-5825.

Prevention

During New Student Orientation, safety procedures and crime awareness policies and procedures are discussed. Health and safety presentations and programs are frequently held on campus during the academic year.

TVCC staff and security personnel are trained to keep an eye out for situations and circumstances that may present a risk to the public on campus. Physical facilities such as lighting and exterior doors are routinely inspected to ensure the safety of faculty, staff, and students. If a problem is observed, please report it to the Physical Plant/Campus Security Director by calling (541) 881-5706 or (541) 212-9576 (after hours emergency contact).

Common sense and thinking about safety is always the greatest asset in the prevention of crime. Lock your doors; secure your personal possessions out of sight; don't walk alone at night. Individuals who are acting suspiciously or who are in unauthorized areas need to be reported to Campus Security personnel at once.

CONSUMER INFORMATION

TVCC, in accordance with the Higher Education Act of 1965, makes the following information available to current and prospective students, current and prospective employees, and other parties, as applicable on TVCC's Student Right to Know website at https://www.tvcc.cc/about/student_right_to_know/. There applicable links to websites and contact information are available. Applicable includes but is not limited to Academics, Admissions, Athletics, Bookstore, Campus Safety, Disability Services, TVCC's Drug and Alcohol Abuse prevention Program (DAAPP), Facilities, Financial Aid, Office of Institutional Effectiveness, Registrar's Office, Board of Education Policies, Students Rights, Freedoms and Responsibilities, and Voter Registration and Constitution Day.

TVCC is a Drug, alcohol and Tobacco Free institution and prohibits the unlawful possession, consumption, use, manufacture, or distribution of illicit drugs in the workplace, on campus, at any college sponsored or partnered activities, or any college owned, leased or rented properties.

If you have any questions regarding this information or to request a paper copy of any of the information, please contact the Office of Compliance at (541) 881-5825.

RESIDENCE HALL

Residence Hall - (541) 881-5782

Treasure Valley Community College is home to 142 residents every fall quarter. As one of the few community colleges to provide housing for students, TVCC offers a quality education along with a thriving residence hall program that is an integral component of the college experience.

Living in the residence hall keeps students at the center of student involvement and provides students with a network of new friends, study partners, and numerous activities and events. Resident Assistants plan and initiate numerous hall programs including video game tournaments, sports activities, outdoor movies, educational and vocational lectures, competitions, craft nights and an array of other events for their residents to enjoy.

Students living in the residence hall are within close walking distance to classrooms, the library, faculty offices, recreational facilities and the student union building. Residents don't have to worry about preparing their own meals, shopping for food, or washing their own dishes. The residence hall has on-site laundry facilities and convenient access to a fitness center and athletic complex. Ample parking is available outside the residence hall and is free to all residents.

Residence hall experiences enhance self-confidence, self-esteem, and self-reliance. Students choosing to stay in the residence hall will learn to become independent and enjoy living within a thriving learning community at Treasure Valley Community College.

Treasure Valley Community College / Residence Life Office
650 College Blvd. Ontario, OR 97914
Email: housing@tvcc.cc
Tel: (541) 881-5782 Fax: (541) 881-5533

STUDENT ACTIVITIES

Weese Building - (541) 881-5788

The Student Activities organization (Chukar Entertainment) at Treasure Valley Community College is committed to maximizing the student experience by providing a comprehensive activities and events program which is planned and executed by student leaders under the direction of the office of Student Programs. The Student Activities organization organizes an array of programs that focus on the educational, cultural, recreational, and social growth of students.

TRANSPORTATION/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.

TUTORING

Tutoring is available in a variety of subjects. TVCC operates math and writing labs in Barber Hall and provides individual tutoring. If students need academic assistance, they should check first with their instructor, then call (541) 881-5812.

ACADEMIC POLICIES & 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.
- Full term 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.
- Course withdrawal deadlines are different for summer quarter because the quarter is shorter.
- After the first two days of the quarter, 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, or classes can be dropped online at MyTVCC. All changes in class schedules should be approved by an advisor. Check the Academic Calendar [here](#).

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 (deadlines are different for summer quarter, please view academic calendar). Students are responsible for withdrawing from class if they are unable to attend.

STUDENT MILITARY LEAVE

A student at TVCC who is a member of the military and who is ordered to federal or state active duty for more than 30 consecutive days has the right to receive a grade of incomplete, withdraw from a course and the right to a credit for amounts paid for room, board, tuition and fees as described in ORS 341.502. Each student must initiate and review this process with their instructor(s). After this review students must notify the Registrars Office in writing of their decision. For more information see Student Military Leave of Absence Policy Code JECE.

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. 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.
- 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 conferred 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 or [online](#) should be completed and submitted two terms in advance of your final term to assure timely evaluation.

CHILDREN ON TVCC PROPERTIES

Code: JFCA/KK

Adopted: 10/21/04

Readopted: 10/14/09; 7/26/11; 5/22/13

Orig. Code(s): AR 901-8; ING

Other than usage associated with specific College-sponsored programs for children, the general policy of the College is that its facilities are not available for unrestricted usage by children under 16 years of age.

The following specific restrictions apply:

1. In no cases are children permitted in College-owned or operated facilities (this includes the library, food services areas, and lounges and study areas) without supervision by an adult;
2. Children in classrooms are there only with the specific approval of the faculty member responsible for the class. These situations are only permitted on an emergency basis and for a very limited period of time;
3. Children are not permitted in work areas unless under the specific authorization of the work area supervisor and with adult supervision. These situations are only permitted for emergencies, social events, or visitations, but are to be nonrecurring and for limited time periods;
4. Children are not to be left unattended in vehicles (employees are encouraged to contact police if they think the child(ren) may be in imminent danger);
5. Because of liability, children are not allowed on field trips or in college-owned vehicles.

If a child appears to be unaccompanied, employees may try to handle the situation on their own, except for physically removing the child from the premises. Any employees who are unsure what to do should call an administrator or campus security.

The responsible adult (student or not) of the unaccompanied child will be notified of the policy and that leaving the child unattended violates the policy.

CHALLENGE FOR CREDIT POLICY

Challenge credit is earned by demonstrating proficiency in course requirements. Students who wish to challenge a class should submit a written request 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.

DISCLOSURE OF STUDENT RECORDS

ORS 589-004-0450 authorizes TVCC to ask students to provide their social security number. The number will be used by the college for reporting, research, and record keeping. The social security number will also be provided by the college to the Oregon Community College Unified Reporting System (OCCURS), which is a group made up of all community colleges in Oregon, the State Department of Community Colleges and Workforce Development and the Oregon Community College Association. OCCURS gathers information about students and programs to meet state and federal reporting requirements. It also helps colleges plan, research and develop programs. This information helps the colleges to support the progress of students and their success in the workplace and other educational programs. OCCURS or the college may provide your social security number to the following agencies or match it with records from the following systems:

- State and private universities, colleges, and vocational schools to find out how many community college students go on with their education and to find out whether community college courses are good basis for further education;
- The Oregon Employment Department, which gathers information, including employment and earnings, to help state and local agencies plan education and training services to help Oregon citizens get the best jobs available;
- The Oregon Department of Education, to provide reports to local, state and federal governments. The information is used to learn about education, training, and job market trends for planning, research, and program improvement.
- The Oregon Department of Revenue and collection agencies only for purposes of processing debts and only if credit is extended to you by the college;

- Governmental agencies, divisions, or departments existing within the states of Idaho and Nevada whose functions are similar to those of the agencies from the State of Oregon listed above; and/or
- The American College Testing Service, if students take a placement tests for educational research purposes.

State and federal law protects the privacy of records. The students Social Security number will be used only for the purposes listed above.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

FERPA is a Federal law that applies to educational agencies and institutions that receive funding under a program administered by the U. S. Department of Education. The statute is found at 20 U.S.C. 1232g and the Department's regulations are found at 34 CFR Part 99. Under FERPA, schools must generally afford students who are 18 years or over, or attending a postsecondary institution:

- access to their education records
- an opportunity to seek to have the records amended
- some control over the disclosure of information from the records

For more information, go to: <http://www.ed.gov/policy/gen/guid/fpco/ferpa/students.html>.

STUDENT RIGHTS, PROTECTION AND PRIVACY OF EDUCATIONAL RECORDS

All students at Treasure Valley Community College are protected by the Family Educational Rights and Privacy Act (FERPA) of 1974. Your privacy is protected with certain restrictions on the disclosure of your student educational records and information.

Students have the following rights, protection and privacy of your educational records at Treasure Valley Community College:

1. The right to inspect and review your student education records within 45 days of the day the college receives a request for access. The Student should submit a written request to the Registrar's Office identifying the records(s) he or she wishes to inspect.
2. The right to request the amendment of the student's education records the student believes are inaccurate.
3. The right to authorize disclosure of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The College will disclose the following information authorized by FERPA on all students with administrative direction:

- Student's name(s)
- Telephone number
- Major or field of study
- Dates of attendance
- Degrees and awards receive

Directory Information will be released by the College unless the Office of the Vice President of Student Services or the Registrar's Office has received a written notice signed by the student requesting non-disclosure of all student information. Upon request, the College may disclose selected education records to the military recruitment services pursuant to the Solomon Amendment. The college will not disclose student records to family members or any inquiries outside the college (with the exception of certain law enforcement and grand jury subpoenas) without notice to the student and/or written authorization.

4. Students have the right to file a complaint with the U.S. Department of Education concerning alleged failure by the college to comply with the requirements of FERPA. The name and address of the Office that administers FERPA:

Family Policy Compliance Office
US Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605

Contact the Registrar's Office at (541) 881-5804, if you wish to inspect, review or restrict disclosure of your student educational records or if you have any questions regarding your rights under the Family Educational Rights and Privacy Act.

GRADING GUIDELINES

Grades used in computing grade point average are:

Grade	Points	Explanation
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Treasure Valley Community College

Academic Policies & Requirements

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	Passing
D	1.0	Low Passing
F	0.0	Below minimum standard, no credit earned
FN	0.0	Never attended
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	$(3 \times 2.0) = 6$
Math 111	4	A-	$(4 \times 3.7) = 14.8$
HPE 120	2	A	$(2 \times 4.0) = 8$
English 121	3	B+	$(3 \times 3.3) = 9.9$
Total	12 credits		38.7 grade points

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

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 "D" 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 Vice President 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 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 Vice President 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.

GRIEVANCE PROCEDURE

TVCC has a grievance procedure and a Nondiscrimination/Non-harassment policy that applies to all students. This may be found in the student handbook, "[Students' Rights and Responsibilities](#)," section I and VIII. Section I refers the student to the Affirmative Action Plan found at the Human Resources Office. Section VIII refers to the Committee on Student Appeals procedures.

HONOR RECOGNITION

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.

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. Nontraditional credits include Advanced Placement Program (AP), College Level Examination Program (CLEP) and credit for prior learning (such as military or government training). Check with an advisor or the Student Services Center for additional information.

STANDARDS FOR SATISFACTORY ACADEMIC PROGRESS

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 Vice President 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-timeMust complete: 12 credits
(12 or more credits)
- 3/4 timeMust complete: 9 credits
(9 to 11 credits)
- 1/2 timeMust complete: 6 credits
(6 to 8 credits)
- Less than 6 creditsALL credits attempted

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

NOTE: Students who have also been placed on financial aid suspension must submit a financial aid suspension appeal in order to have their eligibility for financial aid reinstated.

STUDENT RIGHTS AND RESPONSIBILITIES

Weese Building - (541) 881-5792

Treasure Valley Community College (TVCC) resolves to provide an atmosphere conducive to academic success and campus involvement without external pressure, interference or disturbance. Students have the responsibility to obey and follow College policy and procedures, federal and state statutes and city ordinances, to respect the rights of others, to fulfill academic requirements of their courses, to contribute to a positive, productive learning environment at the College, and to take responsibility for personal decisions and conduct. The following rights and responsibilities apply to all registered students.

The prescribed document adopted by the Board of Education as an Administrative Regulation is the "Students Rights, Freedoms and Responsibilities," (SRF&R) policy that should be exercised responsibly by students, staff, administration and faculty at Treasure Valley Community College.

The basic purpose of the Student Rights, Freedoms, and Responsibilities Administrative Regulation is to:

1. Recognize fundamental provisions for student rights and freedoms in an academic setting.
2. Identify student responsibilities and conduct guidelines while clarifying the process for resolution to alleged violations.

Students enrolled at Treasure Valley Community College satellite centers will enjoy the same rights and responsibilities as the students at the Ontario campus and must comply with the Student Rights, Freedoms, and Responsibilities and follow the same guidelines established herein.

Copies of the Student Rights, Freedoms, and Responsibilities may be obtained online at catalog.tvcc.cc or at the Student Services office of Treasure Valley Community College located at 650 College Blvd. Ontario, OR 97914. Copies of the Student Rights, Freedoms, and Responsibilities at satellite sites are located at the main service area at the respective sites.

"TEACH OUT" OF CLOSED EDUCATIONAL PROGRAM

Code: IFDB

Adopted: 06/19/12

Origin Code: ORS 341.290 & ORS 341.425

In the event that Treasure Valley Community College should decide to close an educational program, the College will make every effort to "teach out" currently enrolled students. The College will inform the community that no additional students will be accepted into the program. Students who have not completed their programs will be advised by faculty or counselors regarding suitable options including transfer to comparable programs. The College may offer the courses required for graduation by students enrolled in the program at the time of closure until all those students have had an opportunity to complete their degrees.

TRANSFER CREDIT STANDARDS

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.

LEARNING OPTIONS

From English to Welding, Nursing to Math, TVCC has a wide variety of programs to fit your needs. We have teachers and professors ready to help you inside the classroom and out. No matter what department you are in, everyone is ready to lend a helping hand. With small class sizes - and faculty who are dedicated to student success, TVCC is a great place to get started.

No matter where you are, TVCC has a program and delivery method to suit your needs.

CENTER FOR BUSINESS, WORKFORCE & COMMUNITY LEARNING

Treasure Valley Community College's Center for Business, Workforce and Community Learning (CBWCL) is your training partner in the design and delivery of innovative solutions to enhance the performance levels of individuals and organizations. Whether you are a business committed to taking your company to the next level or an individual ready to advance in your career, CBWCL can assist you with your goals. The primary objective of CBWCL is to plan and promote full use of college resources to assist individual, business, industry, and community growth through training and education. All programs are intended to enrich, strengthen, and support those who are not served by the traditional instructional activities of the College. Based upon community interest and need, these programs help our customers upgrade their skills, increase their knowledge, learn a new hobby, advance their careers, solve problems and stimulate their minds. Courses are informal, relaxed and noncompetitive. Most courses will not be graded, nor will the student receive formal college credit, unless respective classes meet certain educational prerequisites. Professional credit and continuing education certificates are available. Courses can be offered at TVCC or onsite at your organization.

We offer courses that cover the complete spectrum of interests including academic, cultural, business related, occupational licensing, regulatory requirements, art, music, physical fitness, travel, gardening, and local history.

- **Training** - We develop training in customer-specific areas for individuals or groups to help businesses/industries maximize their productivity and profit. We offer courses which can lead toward the completion of a degree, certificate, or license.
- **Workforce Development** - We provide training to individuals and companies to improve their general skills, technical skills, and professional knowledge. Not sure exactly which program is right for you? Let us work with you to perform a needs assessment and tailor a program for your company. We are committed to maintaining and growing a quality workforce in our region.
- **Personal Enrichment** - We provide entry level, customized training, and continuing education in the areas of emergency medical services, healthcare personnel, wildland and fire safety, and flagging. We are a designated American Heart Association Training Center.

For information please contact the Center for Business, Workforce and Community Learning at (541) 881-5755. We are located on the TVCC campus in the Albertson Center. We look forward to working with you to fulfill your lifelong educational pursuits.

SMALL BUSINESS DEVELOPMENT CENTER (SBDC)

Albertson Center - (541) 881-5772

The TVCC SBDC (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 SBDC.

BUSINESS ADVISING

The SBDC 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 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

The SBDC offers a wide variety of workshops designed to enhance the skills and knowledge of business owners and employees. Topics include sales and marketing, human resources, financial management, business planning, and more. Reasonably priced classes are offered throughout the day and evening as well as online, 24/7. In addition to regular class offerings, the SBDC offers several specialized curricula.

ED2GO-Powerful Employee Development Tool for Busy People. ED2GO is the SBDC's online provider of more than 300 instructor-facilitated, online 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 SBDC offers a CCB-approved 16-hour training program through a self-paced, instructor-supported, interactive web-based curriculum. In addition, the SBDC offers comprehensive CCB license application and business advisory assistance as part of this curriculum package.

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 SBDC Monthly ENews, highlighting upcoming workshops and relevant business articles, contact the SBDC at (541) 881-5772 or email bizcenter@tvcc.cc.

COLLEGE BOARD ADVANCED PLACEMENT

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 Advanced Placement (AP) Exam 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 541-881-5805.

COLLEGE PREP PROGRAMS

College Prep courses in reading, math, and writing prepare students to enter college-level academic and professional-technical programs. Classes include, READ 90, MATH 10, MATH 20, and WR 80. 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.

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 541-881-5805.

DEVELOPMENTAL EDUCATION

Oregon Trail Building - (541) 881-5865

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), 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, as well as adult basic skills development, GED and ESL. Contact ABSD at (541) 881-5865.

ADULT BASIC SKILLS/GED PREP

Oregon Trail Building - (541) 881-5865

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 four subject areas: language arts, 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 cohorts or other class schedules based on needs and skill levels. The same students are also assigned times to work in the Learning Center for individualized study, during daytime hours.

English for Speakers of Other Languages

Oregon Trail Building - (541) 881-5508

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 evenings. 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. (Ontario campus only.)

HIGH SCHOOL EQUIVALENCY PROGRAM (HEP)

Oregon Trail Building - (541) 881-5535

High School Equivalency Program (HEP), located on the Ontario campus, is designed to assist 55 migrant and seasonal farmworkers and/or immediate family members in obtaining the equivalent of a high school diploma (GED) each year. Program elements include instruction in Spanish and English, academic advising, tutoring, technology, and computer training, cultural enrichment activities and academic excursions.

Benefits to students include an extended evening class schedule, classrooms and computer labs with adequate supplies, instructional and testing materials, subsidized medical care, transportation stipends and childcare scholarships.

If you are interested and want more information about the HEP program, please call the number above

DISTANCE EDUCATION

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 outside the TVCC service areas need to set up proctors the first week of the quarter by calling the testing center at (541) 881-5799. Test center hours can be found at <https://www.tvcc.cc/testingcenter/>.

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

In order to provide committed online 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 (541) 881-5509 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 by calling the TVCC Helpdesk at (541) 881-5777 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)

Some online courses have additional technical or software requirements. Students should consult the class syllabus of the course they are considering. Minimum technical requirements are subject to change.

SMART CLASSROOM

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

Degrees & Certificates Overview

DEGREES & CERTIFICATES OVERVIEW

The College offers five 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 - Oregon Transfer \(ASOT\) in Business](#)
- [Associate of Science - Oregon Transfer \(ASOT\) in Computer Science](#)
- [Associate of Science \(AS\)](#)
- [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.

Degree and certificate requirements listed in this catalog are valid for five years. Students who do not complete their declared program within five years will be required to complete the requirements of the degree/certificates of the catalog currently in force.

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.

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.

OREGON TRANSFER MODULE

The Oregon Transfer Module (OTM) comprises the first year of general education coursework leading directly to an Associate of Arts Oregon Transfer (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. Students must also earn a grade of "C-" or better in each foundation skills course. Credits must be selected from the requirements listed below.

FOUNDATION SKILLS REQUIREMENTS (15 CREDITS)

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

- Writing Skills (8 credits)
 - WR121 and WR122
- Oral Communications (3 credits)
 - SP 111 or SP 112 or SP 219
- Mathematics (4 credits)
 - Any math course above 100 level 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
- Science/Math/Computer Science including at least one biological or physical science with a lab.

These courses may also be used to satisfy requirements for a discipline emphasis, where applicable. Note: Courses used to fulfill foundation requirements may not be used to fulfill distribution requirements.

ASSOCIATE OF SCIENCE DEGREE OVERVIEW

TVCC offers one Associate of Science degree. We have created focus areas so that the Advising sheets have a planned sequence of courses designed to meet lower division requirements in specific programs at receiving institutions in Oregon, Idaho, and Montana. 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 college or university selected for transfer.

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

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.

Focus Areas Include:

Agriculture Department

Focus Areas in: [General Agriculture](#), [Agriculture Business](#), [Animal Science](#), [Soil Science](#) and [Crop Science](#).

Business Department

Degrees: [A.S.O.T. - Business](#)

Computer Science Department

Degrees: [A.S.O.T.- Computer Science](#)

Natural Resources Department

Focus Areas in: [Natural Resource Management](#), [Rangeland Management](#) and [Wildlife Management](#)

ASSOCIATE OF APPLIED SCIENCE OVERVIEW

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 degree)

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 115, WR 121, WR 227, BA 214
- Computation - BA 104, MATH 63, MATH 65, MATH 95
- Human Relation skills - PSYC 101, BA 204, EDUC 246 with EDUC 247, CJ 200 (INED 156 is recommended)

Associate of Applied Science degrees:

[Addiction Studies](#)

[Agriculture Business](#)

[Aviation - Helicopter](#)

[Aviation - Fixed Wing Oregon](#)

[Business Management](#)

[Equine Business](#)

[Horse Production](#)

[Industrial Manufacturing and Automation Controls](#)

[Medical Assistant](#)

[Nursing](#)

Business Management - Accounting
Criminal Justice
Crop Science
Early Childhood Education

Office Administration
Office Administration - Medical Office
Ranch Management
Wildland Fire Management
Welding Technology

CERTIFICATES OVERVIEW

CAREER PATHWAYS CERTIFICATES

Career Pathways can 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 career and technical education certificates, degrees, and skill in high-demand occupations.

Career Pathways offers short-term certificates (12-44 credits) and technical training designed to upgrade skills and increase earning potential. Career Pathways 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. More information on the available Career Pathways Certificates can be found at www.tvcc.cc/academics/cte/career_pathways/.

Agriculture Business - Crop Science Tech.	Industrial Manufacturing: Industrial Maint. Tech.
Aviation Safety Management Systems	Medical Assistant: Medical Office Assistant.
Business Management: WAFRC Retail Management	Natural Resources: Conservation Tech.
Business Office Admin. : Office Assistant	Natural Resources: GIS & Field Mapping Tech.
Computer Networking: Computer Support Specialist	Natural Resources: Range and Forest Tech.
Early Childhood Education: Child Development Associate	Range Management: Ranch Animal Tech.
Early Childhood Education: Early Intervention	Welding Technology: Basic Welder
Horse Production: Performance Horse Marketing & Selling	Welding Technology: Maintenance Welder
Horse Production: Production and Training	Welding Tech: Production Welding Specialist
Industrial Manufacturing: Control System Operator	Wildland Fire Management: Wildland Fire Tech.

INDUSTRY CERTIFICATIONS

A number of the career and technical education 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.

Nursing Assistant (Certified) CNA

Treasure Valley Community College is offering Nursing Assistant Courses throughout the year. This is a 155-hour program which includes clinical experience at local healthcare agencies and a CPR class. For information please contact our Nursing department at 541 881- 5940.

CERTIFICATES OF COMPLETION

Career and Technical Education 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 and technical education program of study and may be from 45+ 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 Science degree.

Students must complete certificate requirements with at least a 2.0 grade average.

Agriculture Business Technician - Crop Science	Environmental Science Technician
Applied Accounting Specialist	Medical Assistant
Corrections	Office Specialist

[Early Childhood Education](#)

[Welding Technology](#)

[Emergency Medical Technician](#)

[Wildland Fire](#)

SHORT TERM TRAINING

Career Readiness Certificate (CRC)

The Oregon Career Readiness Certificate is an employment credential. The college, in partnership with the Oregon Employment Department, 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).

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.

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](#).

ASSOCIATE OF ARTS OREGON TRANSFER (AAOT)

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 college 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 all courses. At least 24 credits must be earned at TVCC. Credits must satisfy requirements listed below.

FOUNDATION SKILLS

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

Writing (*Minimum of 8 credits*)

- WR 121, WR 122 - English Composition

Oral Communications (*Minimum of 3 credits*)

- SP 111 - Fundamentals of Speech or
- SP 112 - Persuasive Speech or
- SP 219 - Small Group Discussion

Mathematics (*Minimum of 1 course*)

- one course, 100 level or above

Health/Wellness/Fitness (*Minimum of 3 credits*)

- HPE 295
- Or 3 credits of P.E. Activity

DISCIPLINE STUDIES (Distribution)

Students will select credits from three areas of study:

- Arts and Letters
- Social Sciences
- Science/Math/Computer Science

Eligible course areas are listed below. Note: Courses used to fulfill foundation skills requirements may not be use to fulfill distribution requirements.

Outcomes for these categories can be found at: <http://handbook.ccwwebforms.net/handbook/appendices/appendix-k>

Arts and Letters (3 courses) - A minimum of three courses, chosen from two or more disciplines.

All courses below are three (3) credits each unless otherwise noted.

ART 101 - Intro to Visual Arts

ART 115, 116, 117 - Basic Design

ART 131, 132, 133 - Drawing

MUS 101 - Music Fundamentals

MUS 105 - Music Appreciation

MUS 111, 112, 113 - Music Theory I
(4 credits each)

MUS 206 - Intro to the History of Rock Music

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ART 181, 182, 183 - Painting

ART 204, 205, 206 - Survey of Western Art

ART 253, 254, 255 - Ceramics

ART 261, 265, 266 - Photography

ENG 104, - Intro to Literature

ENG 207, 208, 209 - World Literature

ENG 195 - Film Studies

ENG 201, 202, 203 - Shakespeare

ENG 253, 254, 255 - Survey of American Literature

ENG 260 - Intro to Women Writers

HUMN 148, 149, 150 - Intro to Humanities

PHIL 101 - Philosophical Problems

R 201, 202, 203 - World Religions

SPAN 201, 202, 203 - 2nd Year Spanish
(4 credits each)

SP 111 - Fundamentals of Speech

SP 112 - Persuasive Speech

SP 219 - Small Group Discussion

WR 241, 242, 243 - Intro to Imaginative Writing

Social Sciences (4 courses) -A minimum of four courses, chosen from two or more disciplines.
All courses below are three (3) credits each unless otherwise noted.

ANTH 110 - Intro to Cultural Anthropology

CJ 100 - Intro to Criminal Justice

CJ 120 - Judicial Process

CJ 201 - Intro to Juvenile Justice

ECON 201, 202 - Economics

EDUC 200 - Intro to Education

ETHN 101, 102, 103 - Ethnic Studies

GEOG 105 - Intro to Cultural Geography

HIST 101, 102, 103 - Western Civilization

HIST 201, 202, 203 - US History

POSC 201, 202, 203 - American Government

PSYC 201, 202, 203 - General Psychology

PSYC/SOC 231 - Human Sexuality

PSYC 235, 236 - Human Development

PSYC 237 - Seasons of Life
(4 credits)

R 201, 202, 203 - World Religions

SOC 204, 205, 206 - General Sociology

SOC 210 - Marriage/Family/Intimate Relations

SOC/PSYC 231 - Human Sexuality

Science/Math/Computer Science (4 courses)- A minimum of four courses chosen from at least two disciplines including at least three laboratory course in biological and/or physical science.

Non-Lab Sciences

MATH 105 - Contemporary Mathematics

MATH 111 - College Algebra

MATH 112 - Elementary Functions

Lab Sciences

BIOL 101, 102, 103 - General Biology

BIOL 107 Principles of Ecology & Field Biology

BIOL 211, 212, 213 - Biology
(5 credits each)

MATH 113 - Pre Calculus

MATH 211, 212 - Fund of Elementary Math I, II

MATH 243, 244 - Probability and Statistics

MATH 251, 252 - Calculus
(5 credits each)

GEOG 101 - Intro to Physical Geography

GEOG 148 - Violent Earth

FNUT 225 - Nutrition

ANS 121 - Intro to Animal Science
(4 credits)

BIOL 231, 232, 233 - Human Anatomy and Physiology

BIOL 234 - Microbiology

GSCI 104 - Physical Science: Physics

GSCI 106 - Physical Science: Geology

GSCI 107 - Physical Science: Astronomy

GSCI 108 - Physical Science: Oceanography

GSCI 109 - Physical Science: Meteorology

GSCI 110 - Physical Science: Energy

CHEM 104, 105, 106 - Survey of Chemistry (Health)

CHEM 121, 122, 123 - General Chemistry

CHEM 221, 222, 223 - College Chemistry
(5 credits each)

PHYS 201, 202, 203 - General Physics

PHYS 211, 212, 213 - Classical Physics
(5 credits each)

NOTE: Special Studies and Independent Studies numbered 198, 298, 299 will not satisfy the general education and/or distribution requirements, but may be taken as electives.

CULTURAL LITERACY (Diversity Requirement)

Students must select one course designated as meeting the statewide criteria for cultural literacy. See list below. The course selected for the diversity requirement may also be used for fulfill distribution requirements, where applicable.

ART 101 - Intro to Visual Arts

ANTH 110 - Intro to Cultural Anthropology

BA 203 - International Business

ENG 207,208, 209 - World Literature

ENG 253, 254, 255 - Survey of American Literature

ENG 260 - Intro to Women Writers

ETHN 101, 102, 103 - Ethnic Studies

GEOG 105 - Intro to Cultural Geography

HUMN 148,149.150 - Intro to Humanities

PSYC/SOC 231 - Human Sexuality

R 201,202.203 - World Religion

SOC 205 - General Sociology

SPAN 201, 202, 203 - 2nd Year Spanish

ELECTIVES

Any college level course that would bring total credits to 90 quarter hours including up to 12 credits of Career and Technical Education courses, designed by the college as acceptable.

Note: Courses used to fulfill Foundation Skills requirements may not be used as electives.

Note: Oregon Universities require two years of one foreign language in high school, or two terms of one college level foreign language for admittance.

ASSOCIATE OF SCIENCE OREGON TRANSFER - BUSINESS

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 of the Associate of Science Oregon Transfer - Business (ASOT-Business), 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. All courses must be passed with a grade of "C-" or better. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

ASOT - Business 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 all courses. Credits must satisfy requirements listed below.

FOUNDATION SKILLS

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

Writing:

- WR 121, WR 122 - English Composition

Oral Communications(one course):

- SP 111 - Fundamentals of Speech or
- SP 112 - Persuasive Speech or
- SP 219 - Small Group Discussion

Mathematics:

- MATH 105 Math in Society or MATH 111 - College Algebra
- MATH 243, 244 - Probability and Statistics

Computer Applications:

- BA 131 - Intro to Business Computing
- BT 221 - Word Processing Applications
- BT 232 - Spreadsheet Applications
- BT 242 - Database Applications

Suggested Business Electives:

- BA 101 - Intro to Business
- BA 211, Principles of Accounting I
- BA 226, - Business Law I
- BA 213, - Principles of Mang. Accounting

DISCIPLINE STUDIES

Students will select credits from three areas of study:

- Arts and Letters
- Social Sciences - to include ECON 201 and ECON 202
- Science/Math/Computer Science

Eligible course areas are listed below. Note: Courses used to fulfill foundation skills requirements may not be use to fulfill distribution requirements.

Arts and Letters (3 courses) - A minimum of three courses, chosen from two or more disciplines.

All credits below are three (3) credits each unless otherwise noted.

ART 101 - Intro to Visual Arts

ART 115, 116, 117 - Basic Design

ART 131, 132, 133 - Drawing

MUS 101 - Music Fundamentals

MUS 105 - Music Appreciation

MUS 111, 112, 113 - Music Theory I
(4 credits each)

MUS 206 - Intro to the History of Rock Music

ART 181, 182, 183 - Painting

ART 204, 205, 206 - Survey of Western Art

ART 253, 254, 255 - Ceramics

ART 261, 265, 266 - Photography

PHIL 101 - Philosophical Problems

R 201, 202, 203 - World Religions

ENG 207, 208, 209 - World Literature

ENG 195 - Film Studies

SPAN 201, 202, 203 - 2nd Year Spanish
(4 credits each)

ENG 201, 202, 203 - Shakespeare

ENG 253, 254, 255 - Survey of American Literature

SP 111 - Fundamentals of Speech

ENG 260 - Intro to Women Writers

SP 112 - Persuasive Speech

SP 219 - Small Group Discussion

HUMN 148, 149, 150 - Intro to Humanities

WR 241, 242, 243 - Intro to Imaginative Writing

Social Sciences (4 courses) -A minimum of two courses, chosen from two or more disciplines.
All course below are three (3) credits each unless otherwise noted.

ANTH 110 - Intro to Cultural Anthropology

HIST 101, 102, 103 - Western Civilization

HIST 201, 202, 203 - US History

CJ 100 - Intro to Criminal Justice

CJ 120 - Judicial Process

POSC 201, 202, 203 - American Government

CJ 201 - Intro to Juvenile Justice

PSYC 201, 202, 203 - General Psychology

PSYC 235, 236 - Human Development

EDUC 200 - Intro. To Education (4 credits)

PSYC 237 - Seasons of Life
(4 credits)

ECON 201, 202 - Economics (4-credits each)

R 201, 202, 203 - World Religions

ETHN 101, 102, 103 - Ethnic Studies

SOC 204, 205, 206 - General Sociology

SOC 210 - Marriage / Family / Inter. Relations

GEOG 105 - Intro to Cultural Geography

SOC 231 / PSYC 231 - Human Sexuality

Science/Math/Computer Science (4 courses)- A minimum of four courses chosen from at least two disciplines including at least three laboratory course in biological and/or physical science.

Non-Lab Sciences

MATH 105 - Contemporary Mathematics

MATH 112 - Elementary Functions

MATH 113 - Pre Calculus

MATH 211, 212, 213 - Fund of Elementary Math I, II, III

MATH 251, 252, 253 - Calculus

Lab Sciences

BIOL 101, 102, 103 - General Biology

BIOL 107 Principles of Ecology & Field Biology

BIOL 211, 212, 213 - Biology
(5 credits each)

BIOL 231, 232, 233 - Human Anatomy and Physiology

BIOL 234 - Microbiology

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(5 credits each)

GEOG 101 - Intro to Physical Geography

GEOL 148 - Violent Earth

FNUT 225 - Nutrition

ANS 121 - Intro. to Animal Science (4-credits)

GSCI 104 - Physical Science: Physics

GSCI 106 - Physical Science: Geology

GSCI 107 - Physical Science: Astronomy

GSCI 108 - Physical Science: Oceanography

GSCI 109 - Physical Science: Meteorology

GSCI 110 - Physical Science: Energy

CHEM 104, 105, 106 - Survey of Chemistry (Health)

CHEM 121, 122, 123 - General Chemistry

CHEM 221, 222, 223 - College Chemistry
(5 credits each)

PHYS 201, 202, 203 - General Physics

PHYS 211, 212, 213 - Classical Physics
(5 credits each)

NOTE: Special Studies and Independent Studies numbered 198, 298, 299 will not satisfy the general education and/or distribution requirements, but may be taken as electives.

CULTURAL LITERACY

Students must select on course designated as meeting the statewide criteria for cultural literacy. See list below. The course selected for the diversity requirement may also be used for fulfill distribution requirements, where applicable.

ART 101 - Intro to Visual Arts

ANTH 110 - Intro to Cultural Anthropology

BA 203 - International Business

ENG 207,208, 209 - World Literature

ENG 253, 254, 255 - Survey of American Literature

ENG 260 - Intro to Women Writers

ETHN 101, 102, 103 - Ethnic Studies

GEOG 105 - Intro to Cultural Geography

HUMN 148,149.150 - Intro to Humanities

R 201,202.203 - World Religion

SPAN 201, 202, 203 - 2nd Year Spanish

SOC 205 - General Sociology

SOC 231 / PSYC 231 - Human Sexuality

ELECTIVES

Any college level course that would bring total credits to 90 quarter hours including up to 12 credits of Career and Technical Education courses, designed by the college as acceptable.

Note: Courses used to fulfill Foundation Skills requirements may not be used as electives.

ASOT - Business 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.

Note: Oregon Universities require two years of one foreign language in high school, or two terms of one college level foreign language for admittance.

Aviation Technology: Fixed-Wing - Associate of Applied Science Degree (Oregon)

Department: Career and Technical Education

Advisor: Julie Lynch (541) 881-5975

(Major Code: 2048)

Lead Flight Instructor: Brianna Paddon paddonb@tvcc.cc

Program Overview

TVCC provides pilot training for Private, Instrument, Commercial, Multi-Engine, Certified Flight Instructor (CFI) and Certified Flight Instructor for Instrument (CFII) training under 14 CFR Part 61 and as an accredited institution under NWCCA. This degree provides training for employment as professional pilots in the aircraft industry. Upon successful completion, students will be able to seek work in the industry as qualified pilots at entry level aircraft/airplane jobs. This will provide graduates opportunities to progress on to more advanced and high paying airplane jobs in the future. This degree is designed for students wishing to enter the workforce or continue toward a four year degree and work in the airline industry. It is an AAS degree which is not specifically designed to transfer to a four-year institution, although some courses are transferable. If a student wishes to work toward their four year degree, they should consult with a TVCC advisor. Students who wish to transfer coursework are strongly encouraged to contact an advisor at their chosen transfer institution. A minimum of 91 credits and a minimum grade point average of 2.0 are needed to graduate. Note: Please meet with an advisor before choosing this program

Learning Outcomes

- Obtain Private Pilot, Airplane License
- Obtain Commercial Pilot, Airplane License
- Obtain Instrument Airplane Rating
- Obtain Career Pathways Certificate in Aviation Safety Management Systems
- Obtain Multi-Engine Certificate
- Obtain Certified Flight Instructor (CFI) Airplane Certificate
- Obtain Certified Flight Instructor for Instrument (CFII) Airplane Certificate

FOUNDATION SKILLS (22-Credits)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses. Students must earn a grade of "C-" or better in each foundation skills course.

Listed below by year:

Writing:

WR 115 - Intro to College Writing (or higher) (4 credits)

Oral Communications:

SP 111 - Fundamentals of Speech -

or -

SP 219 - Small Group Discussion - (3 credits)

Mathematics:

MATH 93 - Technical Math (or higher) -
(4 credits)

Human Relations:

PSYC 101 - Psychology of Human Relations or BA 204 - Teamwork Dynamics -
(3 credits)

HDEV 112 - Freshman Seminar or AG 207 Agriculture Seminar -
(1 credit)

Business:

CS 101 - Computer Fundamentals I - (4 credits)

BA 101 - Intro to Business - (4 credits)

Year One:

HDEV 112 - Freshman Seminar (1 credit)

CS 101 - Computer Fundamentals I - (4 credits)

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Degrees & Certificates Overview

PSYC 101 - OR - BA 204 Gen. Ed. (3 credits)
SP 111 - Fundamentals of Speech or SP 111 Small Group Discussion (3 credits)
WR 115- Intro to College Writing(or higher) (4 credits)

AV 101 - Intro. to Aviation (3 credits)
AV 110 - Private Pilot Ground-Airplane (3 credits)
AV 111 - Adv. Private Pilot Ground-Airplane (credits)
AV 112 - Private Pilot Ground, Simulation (1 credit)
AV 120 - Intro. to Aviation Safety Management Systems (4 credits)
AV 121 - Risk Management (3 credits)
AV 122 - Quality Assurance (ASMS) - (3 Credits)
AV 210 - Instrument Pilot Ground-Airplane (3 credits)
AV 212 - Instrument Pilot Ground, Simulation (1 credit)
AV 220 - Commercial Pilot Ground Airplane (4 credits)
AV 262 - Flight Lab-Private Airplane (1 credit)
AV 263 - Flight Lab - Private Airplane (1 credit)
AV 264 - Flight Lab - Instrument Airplane (1 credit)
AV 266 - Flight Lab - Commercial Airplane (1 credit)
AV 267 - Flight Lab - Commercial Airplane (1 credit)

Year Two:

BA 101 - Intro to Business (4 credits)
MATH 093 - Adv. Technical Math (or higher) - (4 credits)

AV 105 - Intro to Airplane Systems (3 credit)
AV 123 - Aviation Business and Legal (3 credits)
AV 124 - Aviation Human Factors (3 credits)
AV 125 - Intro to Aviation Accident Investi. (3 credits)
AV 208 - Meteorology II Decision Making (4 credits)
AV 211 - Adv. Instrument Pilot Ground - Airplane (3 credits)
AV 213 - Instrument Pilot Ground, Simulation (1 credit)
AV 258 - Certified Flight Instr.(CFI) Ground (3 credits)
AV 290 - AviationCapstone (3 credits)

AV 265 - Flight Lab - Adv. Instrument-Airplane (1 credit)
AV 268 - Flight Lab - Adv. Commercial Airplane (1 credit)
AV 269 - Flight Lab - Adv. Commercial Airplane (1 credit)
AV 272 - Flight Lab - Commercial Complex Airplane (1 credit)
AV 278 - Flight Lab - Multi-Engine (1 credit)
AV 292 - Flight Lab - CFI Airplane (1 credit)
AV 293 - Flight Lab - CFI Airplane (1 credit)
AV 294 - Flight Lab - CFI Instrument (CFII) (1 credit)
AV 295 - Flight Lab - CFI Instrument (CFII) (1 credit)

Total 91 Credits

Recommended Electives:

MA 105 - Contemporary Math (4 credits)
WR 121 - English Composition (3 credits)

Aviation Technology: Helicopter - Associate of Applied Science Degree - (Idaho)

Department: Career and Technical Education

Advisor: Julie Lynch (541)881-5975 jlynch@tvcc.cc

(Major Code: 2045)

Lead Flight Instructor: Tucker Tolliver thtolliver@tvcc.cc

Program Overview

TVCC provides Private pilot training under FAA 14 CFR Part 61 and partners with Silverhawk Aviation Academy for Instrument, Commercial, Certified Flight Instructor (CFI) and Certified Flight Instructor-Instrument (CFII) training. Silverhawk is an accredited FAA certified Part 141 flight school. This degree provides training for employment as professional pilots in the helicopter industry. Upon successful completion, students will be able to seek work in the industry as qualified pilots at entry level helicopter jobs. This will provide graduates opportunities to progress in to more advanced and high paying helicopter jobs in the future. This degree is designed for students wishing to 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 92 credits and a minimum grade point average of 2.0 are needed to graduate. Note: Please meet with an advisor before choosing this program.

Learning Outcomes

- Obtain Private Helicopter Pilots License
- Obtain Instrument Helicopter Pilots License
- Obtain Commercial Helicopter Pilots License
- Obtain Certified Flight Instructor (CFI) License
- Obtain Certified Flight Instructor for Instrument (CFII) License
- Obtain Career Pathways Certificate in Aviation Safety Management Systems
- Possess the ability for an External Load certificate and Turbine Transition certification

FOUNDATION SKILLS (15-Credits)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses. Students must earn a grade of "C-" or better in each foundation skills course.

Writing:

WR 115- Intro to College Writing (or higher) - 4 Credits

Oral Communications (one course):

SP 111 - Fundamentals of Speech - or - SP 219 Small Group Discussion 3 Credits

Mathematics:

MATH 63 - Technical Math I (or higher) - 4 Credits

Human Relations:

PSYC 101 - Psychology of Human Relations or BA 204 - Teamwork Dynamics - 3 Credits
and

HDEV 112 - Freshman Seminar - 1 Credit

Year One:

HDEV 112 - Freshman Seminar (1 credit)

WR 115 - Intro to College Writing (4 credits)

SP 111 - Fundamentals of Speech - or - SP 219 Small Group Discussion (3 credits)

MATH 63 - Technical Math 1 (or higher) - (4 credits)

CS 101 - Computer Fundamentals I - (4-credits)

GSCI109- General Science Meteorology (4-credits)

AV 101 - Intro. to Aviation - (3-credits)

AV 104 - Intro to Aircraft Systems - (3-credits)

AV 115 - Private Pilot Ground- Helicopter - (3-credits)

AV 116 - Private Pilot Ground - Helicopter -(2-credits)

AV 120 - Intro. to Aviation Safety Management - (4-credits)

AV 121 - Risk Management - (3-credits)

AV 122 - Quality Assurance (ASMS) - (3-credits)

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Degrees & Certificates Overview

AV 208 - Meteorology II, Weather Decision Making (4-credits)
AV 215 - Instrument Helicopter Ground (3-credits)
AV 216 - Adv. Instrument Helicopter Ground (2-credits)

AV 227 - Flight Lab Helicopter- Private (1-credit)
AV 228 - Flight Lab Helicopter- Private (1-credit)
AV 229 - Flight Lab Helicopter- Private (1-credit)
AV 230 - Flight Lab Helicopter- Instrument (1-credit)
AV 231 - Flight Lab Helicopter- Instrument (1-credit)

Year Two:

HPE 120- CPR/First Aid (2 credits)
BA 101 - Intro to Business - (4 credits)
PSYC 101 - Psychology of Human Relations - or - BA 204 - Teamwork Dynamics (3 credits)
NATR 112-Global Positioning System -(2 credits)
AV 123 ASMS Business & Legal Aspects (3 credits)
AV 124 - Aviation Human Factors - (3 credits)
AV 225 - Comm. Pilot Ground, Helicopter -(4 credits)
AV 245 - Advanced Helicopter Operations -(3 credit)
AV 255 - Certified Flight Instructor -(3 credits)
AV 290 - Aviation Capstone - (3 credits)

AV 232 - Flight Lab Helicopter- Commercial - (1 credit)
AV 233 - Flight Lab Helicopter- Commercial -(1 credit)
AV 237 - Helicopter Flight Lab, Commercial -(1 credit)
AV 282 - Flight Lab Helicopter- CFI - (1 credit)
AV 283 - Flight Lab Helicopter- Adv. CFI - (1 credit)
AV 284 - Flight Lab Helicopter- CFII - (1 credit)
AV 285 - Flight Lab Helicopter-,Adv. CFII - (1 credit)

Total Credits: 92

Electives:

AV 125 - Intro. to Avn. Accident Investigation - (3-credits)

ASSOCIATE OF SCIENCE OREGON TRANSFER - COMPUTER SCIENCE

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 of the Associate of Science Oregon Transfer - Computer Science (ASOT-Computer Science), students will have met all lower-division general education requirements and will have completed core lower-division Computer Science 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. All courses must be passed with a grade of "C-" or better. A minimum of 90 transfer credits and a minimum **grade point average of 2.0** are needed to graduate.

ASOT - Computer Science 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 all courses. Credits must satisfy requirements listed below.

FOUNDATION SKILLS

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

Writing:

- WR 121, WR 122 - English Composition

Oral Communications (*one course*):

- SP 111 - Fundamentals of Speech or
- SP 112 - Persuasive Speech or
- SP 219 - Small Group Discussion

Mathematics:

- MATH 251, 252 - Calculus I and II

Health . Wellness:

- HPE 295 (3-credits) or PE Activity (3-courses)

Cultural Literacy:

- One course from the Cultural Literacy List

Departmental Requirements:

- CS 101 or BA 131 Computer Fundamentals

- CS 160 Orientation to Programming or High School AP CS Principles exam with score above approved level.

- CS 161 Computer Science I

- CS 122 Introduction to SQL

DISCIPLINE STUDIES

Students will select credits from three areas of study:

- Arts and Letters
- Social Sciences
- Science/Math/Computer Science

Eligible course areas are listed below. Note: Courses used to fulfill foundation skills requirements may not be use to fulfill distribution requirements.

Arts and Letters (3 courses) - A minimum of three courses, chosen from two or more disciplines.

All credits below are three (3) credits each unless otherwise noted.

ART 101 - Intro to Visual Arts	MUS 101 - Music Fundamentals
ART 115, 116, 117 - Basic Design	MUS 105 - Music Appreciation
ART 131, 132, 133 - Drawing	MUS 111, 112, 113 - Music Theory I (4 credits each)
ART 181, 182, 183 - Painting	MUS 206 - Intro to the History of Rock Music
ART 204, 205, 206 - Survey of Western Art	PHIL 101 - Philosophical Problems
ART 253, 254, 255 - Ceramics	R 201, 202, 203 - World Religions
ART 261, 265, 266 - Photography	
ENG 207, 208, 209 - World Literature	SPAN 201, 202, 203 - 2nd Year Spanish (4 credits each)
ENG 195 - Film Studies	
ENG 201, 202, 203 - Shakespeare	SP 111 - Fundamentals of Speech
ENG 253, 254, 255 - Survey of American Literature	SP 112 - Persuasive Speech
ENG 260 - Intro to Women Writers	SP 219 - Small Group Discussion
HUMN 148, 149, 150 - Intro to Humanities	WR 241, 242, 243 - Intro to Imaginative Writing

Social Sciences (4 courses) - A minimum of four courses, chosen from two or more disciplines.

All course below are three (3) credits each unless otherwise noted.

ANTH 110 - Intro to Cultural Anthropology	HIST 101, 102, 103 - Western Civilization
	HIST 201, 202, 203 - US History

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CJ 100 - Intro to Criminal Justice

CJ 120 - Judicial Process

CJ 201 - Intro to Juvenile Justice

EDUC 200 Intro to Education

ECON 201, 202 - Economics

ETHN 101, 102, 103 - Ethnic Studies

GEOG 105 - Intro to Cultural Geography

POSC 201, 202, 203 - American Government

PSYC 201, 202, 203 - GENERAL PSYCHOLOGY

PSYC 235, 236 - Human Development

PSYC 237 - Seasons of Life (4 credits)

PSYC 231 or SOC 231 Human Sexuality

R 201, 202, 203 - World Religions

SOC 204, 205, 206 - General Sociology

SOC 210 Marriage / Family / Intimate Relations

Science/Math/Computer Science (4 courses) - A minimum of four courses chosen from at least two disciplines including at least three laboratory course in biological and/or physical science.

Non-Lab Sciences

ANS 121 Intro. to Animal Science

MATH 105 - Contemporary Mathematics

MATH 112 - Elementary Functions

MATH 113 - Pre Calculus

MATH 211, 212, 213 - Fund of Elementary Math I, II, III

MATH 251, 252, 253 - Calculus (5 credits each)

GEOG 101 - Intro to Physical Geography

GEOL 148 Violent Earth

FNUT 225 - Nutrition

Lab Sciences

BIOL 101, 102, 103 - General Biology

BIOL 107 Principles of Ecology & Field Biology

BIOL 211, 212, 213 - Biology (5 credits each)

BIOL 231, 232, 233 - Human Anatomy and Physiology

BIOL 234 - Microbiology

GSCI 104 - Physical Science: Physics

GSCI 106 - Physical Science: Geology

GSCI 107 - Physical Science: Astronomy

GSCI 108 - Physical Science: Oceanography

GSCI 109 - Physical Science: Meteorology

GSCI 110 - Physical Science: Energy

CHEM 104, 105, 106 - Survey of Chemistry (Health)

CHEM 121, 122, 123 - General Chemistry

CHEM 221, 222, 223 - College Chemistry (5 credits each)

PHYS 201, 202, 203 - General Physics

PHYS 211, 212, 213 - Classical Physics (5 credits each)

NOTE: Special Studies and Independent Studies numbered 198, 298, 299 will not satisfy the general education and/or distribution requirements, but may be taken as electives.

CULTURAL LITERACY

Students must select on course designated as meeting the statewide criteria for cultural literacy. See list below. The course selected for the diversity requirement may also be used for fulfill distribution requirements, where applicable.

ART 101 - Intro to Visual Arts

ANTH 110 - Intro to Cultural Anthropology

BA 203 - International Business

ENG 207,208, 209 - World Literature

ENG 253, 254, 255 - Survey of American Lit.

ENG 260 - Intro to Women Writers

ETHN 101, 102, 103 - Ethnic Studies

GEOG 105 - Intro to Cultural Geography

HUMN 148,149.150 - Intro to Humanities

R 201,202.203 - World Religion

SPAN 201, 202, 203 - 2nd Year Spanish

SOC 205 - General Sociology

SOC 231 or PSYC 231 Human Sexuality

ELECTIVES

Any college level course that would bring total credits to 90 quarter hours including up to 12 credits of Career and Technical Education courses, designed by the college as acceptable.

Note: Courses used to fulfill Foundation Skills requirements may not be used as electives.

ASOT - Computer Science Requirements for Specific Colleges

Each OUS school has different requirements for their Computer Science 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.

Note: Oregon Universities require two years of one foreign language in high school, or two terms of one college level foreign language for admittance.

Addiction Studies

ASSOC OF APPLIED SCIENCE

Major code: 2016
Department: Career and Technical Ed
Chair: David M Koehler
Advising: Jessica J Breidinger 541-881-5998

PROGRAM OVERVIEW

This degree prepares student for employment as human services paraprofessionals with a specialty in the area of chemical dependency. Employment opportunities include positions as entry-level counselors or human services specialists in human services agencies, healthcare facilities, prisons or educational institutions. In order to obtain an Oregon Certified Alcohol and Drug Counselor (CADC I) and/or Idaho Student Addiction Studies (ISAS) certificate, students must complete specific coursework and supervised practicum, students will be expected to pass a criminal background check. This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to four-year institutions, although some courses are transferable. Student who wish to transfer coursework 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. A minimum of 90 credits and a minimum grade point average of 2.0 are needed to graduate.

LEARNING OUTCOMES

Students who complete this program will be able to: work in the Addiction Studies field.

- Demonstrate skills necessary for counseling intervention for the individual and/or his/her family
- Describe and demonstrate the process and technology used to screen and assess for addictions
- Describe and relate the connection between the physiological self and how that contributes to the addictive process
- Identify and demonstrate the potential secondary family victims as a result of the drug use and abuse of a partner and/or parent
- Identify the characteristics of professional integrity and ethical standards for professionals in the field of addiction

WORK BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, HSER 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 EDUCATIONAL REQUIREMENTS (15 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

COURSE #	COURSE TITLE	CREDITS
- CJ 200	COMMUNITY RELATIONS/ or PSYC 101 - PSYCHOLOGY OF HUMAN RELATIONS.....	3
- MATH 095	INTERMEDIATE ALGEBRA.....	5
- SP 111	FUNDAMENTALS OF SPEECH.....	3
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (75 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

COURSE #	COURSE TITLE	CREDITS
-	Electives.....	1
-	HSER 280 - ADDICTION STUDIES COOP WK EXP.....	3
- CS 101	COMPUTER FUNDAMENTALS I.....	4
- HSER 100	INTRODUCTION TO HUMAN SERVICES.....	3
- HSER 101	ADDICTIONS PHARMACOLOGY.....	3
- HSER 102	DRUG USE, MISUSE & ADDICTION.....	3
- HSER 120	PEER RECOVERY COACHING.....	3
- HSER 200	ALCOHOL/DRUGS & FAMILY.....	3
- HSER 202	COUNSELING TECHNIQUES I.....	4
- HSER 224	GROUP SKILLS FOR SUBSTANCE ABUSE.....	3
- HSER 226	ETHICS FOR ADDICTIONS COUNSELING.....	3
- HSER 228	SCREENING & ASSESSMENT.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CJ 202	VIOLENCE & AGRESSION.....	3
- CJ 203	CRISIS INTERVENTION.....	3
- EDUC 230	INTRO TO CHILD ABUSE AND NEGLECT.....	3
- EDUC 231	CHILDREN OF INCARCERATED PARENTS.....	3
- EDUC 232	THERAPEUTIC INTER:CHILD OF NEGLECT.....	3
- EDUC 233	CRITICAL FACTORS IN PARENT NEGLECT.....	3
- HSER 219	CASE MANAGEMENT- CAPSTONE.....	3
- HSER 248	INFECTIOUS DISEASES:ADDICTION RISK.....	2
- HSER 250	INTRO TO MEDITATION, MINDFUL/STRESS.....	3
- PSYC 201	GENERAL PSYCHOLOGY.....	3
- PSYC 202	GENERAL PSYCHOLOGY.....	3
- PSYC 203	GENERAL PSYCHOLOGY.....	3
- SOC 210	MARRIAGE/FAMILY/INTIMATE RELATIONS.....	3
Total number of credits.....		90

Ag Business Technician-Crop Science

CERTIFICATE (ONE YEAR)

Major code: 3200
Department: Ag & Natural Resources
Chair: Marcus Nichols

PROGRAM OVERVIEW

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.

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.

DUAL CREDIT (2+2)

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

RELATED EDUCATIONAL REQUIREMENTS (10 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

COURSE #	COURSE TITLE	CREDITS
- INED 157	EMPLOYMENT STRATEGIES.....	2
- MATH 063	TECHNICAL MATH I.....	4
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (45 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

COURSE #	COURSE TITLE	CREDITS
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- AG 207	AGRICULTURE SEMINAR.....	1
- AG 215	IRRIGATION AND DRAINAGE.....	4
- AREC 210	FARM BUSINESS MANAGEMENT.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- AREC 221	MARKETING IN AGRICULTURE.....	3
- AREC 281	GLOBAL AGRICULTURAL MARKETS.....	3
- CSS 200	PRINCIPLES OF CROP SCIENCE.....	4
- CSS 205	GENERAL SOILS.....	3
- CSS 210	FORAGE PRODUCTION.....	3
- CSS 215	SOIL NUTRIENTS & FERTILIZER.....	3
- CSS 217	PESTICIDE SAFETY AND USE.....	1
- CSS 240	INTRO TO NOXIOUS WEEDS.....	3
- HORT 111	INTRO TO PLANT GROWTH.....	3
- HPE 120	FIRST AID & CPR.....	2

Total number of credits..... 55

Agriculture Business

ASSOC OF APPLIED SCIENCE

Major code: 2012
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Sandra Porter 541-881-5969

PROGRAM OVERVIEW

The Associate of Applied Science Degree in Ag Business prepares students for a wide variety of careers in Ag Business Management, including managing a farm or ranch, employment in the retail food production, producing fertilizer, or farm equipment sales. The program combines theory with the practical skills required for daily agriculture management operations and other agriculture related supply and service businesses. The degree 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 this program will be prepared to:

- Apply computer skills in record keeping required of agricultural business
- Apply various marketing techniques to further the success of the agricultural business
- Construct and maintain financial records for agriculture operations analysis and management
- Demonstrate competency in written and oral communication
- Design and manage irrigation systems for crop needs
- Indemnify the suitability and characteristics of soils for crops or other agricultural operations
- Read and interpret soil analysis reports, making recommendations for crop needs

RELATED EDUCATIONAL REQUIREMENTS (16 CREDITS)

All career and technical education degrees and one-year certificates contain required courses in applied communication, computation and human relations. Students who test below the required level will be required to take preparatory courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- INED 157	EMPLOYMENT STRATEGIES.....	2
- MATH 063	TECHNICAL MATH I.....	4
- PSYC 101	PSYCHOLOGY OF HUMAN RELATIONS.....	3
- SP 111	FUNDAMENTALS OF SPEECH.....	3
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (62 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- AREC 221	MARKETING IN AGRICULTURE.....	3
- BA 211	PRINCIPLES OF FINANCIAL ACCOUNTING.....	4
- BA 213	PRINCIPLE OF MANAGERIAL ACCOUNTING.....	4
- BA 226	BUSINESS LAW I.....	3
- CSS 205	GENERAL SOILS.....	3
- NATR 112	GLOBAL POSITIONING SYSTEMS (GPS).....	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 280	AGRICULTURE COOP WORK EXP.....	6
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- ANS 215	BEEF/DAIRY CATTLE PRODUCTION.....	3
- AREC 201	AGRICULTURE ACCOUNTING.....	3
- AREC 210	FARM BUSINESS MANAGEMENT.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- AREC 281	GLOBAL AGRICULTURAL MARKETS.....	3
- AREC 296	PRODUCTION PROBLEMS.....	4
- CSS 210	FORAGE PRODUCTION.....	3
- ECON 201	PRINCIPLES OF MICROECONOMICS.....	4

Total number of credits.....90

ELECTIVES (12 CREDITS)

See Advisor for Recommendations

Agriculture, Business

ASSOC OF SCIENCE

Major code: 1013

Department: Ag & Natural Resources

Chair: Marcus Nichols

PROGRAM OVERVIEW

This is an Associate of Science degree designed to transfer on to a 4-year College or University. TVCC has worked closely with Oregon State University, Eastern Oregon University and University of Idaho.

Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

If you plan on attending any 4-year school, after TVCC, please make sure you contact that school as early as possible while attending TVCC.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- This is an Associate of Science degree designed to transfer on to a 4-year College or University. Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Writing Skills Oral Communication and Computation Skills

WR 121 and WR 122-8 Credits

Oral Communication-3 Credits

Math 095-5 Credits

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters = 6

Social Science = 6

Science (any Life or Physical Science w/lab) = 12

CULTURAL LITERACY REQUIREMENTS

One course, selected from the Cultural Literacy list (min. 3-credits)

REQUIRED COURSES (49 CREDITS)

See Advising Worksheets or Degree Planner

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- ANS 210	FEED AND RATION FORMULATION.....	3
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- AREC 210	FARM BUSINESS MANAGEMENT.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- AREC 221	MARKETING IN AGRICULTURE.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- ANS 215	BEEF/DAIRY CATTLE PRODUCTION.....	3
- ANS 278	PRINCIPLES OF ANIMAL BREEDING.....	3
- AREC 201	AGRICULTURE ACCOUNTING.....	3
- BA 211	PRINCIPLES OF FINANCIAL ACCOUNTING.....	4
- BA 213	PRINCIPLE OF MANAGERIAL ACCOUNTING.....	4
- BA 226	BUSINESS LAW I.....	3
- CSS 205	GENERAL SOILS.....	3

Total number of credits..... 90

ELECTIVES (1 CREDITS)

Electives

Agriculture, General

ASSOC OF SCIENCE

Major code: 1010
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Sandra Porter 541-881-5969

PROGRAM OVERVIEW

This is an Associate of Science degree designed to transfer on to a 4-year College or University. This degree has been specifically addressed with the University of Idaho, and Oregon State University. Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- This is an Associate of Science degree designed to transfer on to a 4-year College or University. Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Writing 121 or 122 = 8-credits
 Oral Communications = 3-credits
 Math 95 = 5-credits
 + 3-credits of Cultural Literacy

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters = 6
 Social Science = 6
 Science (any Life or Physical Science w/lab) = 12

CULTURAL LITERACY REQUIREMENTS

One course selected from the Cultural Literacy List (min-3 credits)

REQUIRED COURSES (36 CREDITS)

Please see Advising Worksheet and/or Degree Planner

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- AREC 201	AGRICULTURE ACCOUNTING.....	3
- AREC 210	FARM BUSINESS MANAGEMENT.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- CSS 200	PRINCIPLES OF CROP SCIENCE.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- ANS 222	EQUINE HEALTH & DISEASE.....	3
- ANS 278	PRINCIPLES OF ANIMAL BREEDING.....	3
- BA 226	BUSINESS LAW I.....	3
- CSS 217	PESTICIDE SAFETY AND USE.....	1
- HPE 120	FIRST AID & CPR.....	2

Total number of credits.....90

ELECTIVES (14 CREDITS)

Agriculture Electives

Animal Science

ASSOC OF SCIENCE

Major code: 1014
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Sandra Porter 541-881-5969

PROGRAM OVERVIEW

This is an Associate of Science degree designed to transfer on to a 4-year College or University. TVCC has worked closely with Oregon State University and University of Idaho.

Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

If you plan on attending any 4-year school, after TVCC, please make sure you contact that school as early as possible while attending TVCC.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

WR 121 and WR 122 = 8
 Oral Communication = 3
 Math 95 = 5

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters = 6
 Social Science = 6
 Science (any Life or Physical Science w/lab) = 12

CULTURAL LITERACY REQUIREMENTS

One course, selected from the Cultural Literacy list (min. 3-credits)

REQUIRED COURSES (51 CREDITS)

Please use Advising Worksheet and/or Degree Planner

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- ANS 210	FEED AND RATION FORMULATION.....	3
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- ANS 215	BEEF/DAIRY CATTLE PRODUCTION.....	3
- ANS 216	BEEF PREGNANCY TESTING.....	3
- ANS 217	ARTIFICIAL INSEMINATION.....	3
- CSS 210	FORAGE PRODUCTION.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- ANS 220	INTRO TO HORSE PRODUCTION.....	3
- ANS 224	PUREBRED HERD IMPROVEMENT.....	2
- ANS 231	INTRO TO LIVESTOCK EVALUATION.....	3
- ANS 240	INTRO TO ULTRASOUND TECHNOLOGY.....	2
- ANS 250	INTRO TO MEAT SCIENCE.....	3
- ANS 278	PRINCIPLES OF ANIMAL BREEDING.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- AREC 221	MARKETING IN AGRICULTURE.....	3

Total number of credits..... 91

Billing & Coding Specialist

CERTIFICATE (ONE YEAR)

Major code: 3190

Department: Business and Computer Information

Chair: Nila K Stephens

PROGRAM OVERVIEW

The Billing & Coding Specialist teaches students to compile, process, and maintain medical records of hospital and clinic patients in a manner consistent with medical, administrative, ethical, legal, and regulatory requirements of the health care system.

FOUNDATION SKILLS REQUIREMENTS (14 CREDITS)

WR 121 English Composition (4-credits)

SP 219 Small Group Discussion or BA 214 Business Comm (3-credits)

BA 104 Business Math I or higher (4-credits)

BA 204 Teamwork Dynamics (3-credits)

REQUIRED COURSES (35 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BA 131	INTRO TO BUSINESS COMPUTING.....	4
- BT 105	PRESENTATION APPLICATIONS.....	1
- BT 210	EMAIL & PRODUCTIVITY APPLICATIONS.....	2
- BT 221	WORD PROCESSING PROCEDURES I.....	3
- BT 222	WORD PROCESSING PROCEDURES II.....	3
- BT 232	SPREADSHEET APPLICATIONS.....	4
- GSCI 161	MEDICAL TERMINOLOGY I.....	3
- MREC 116	MEDICAL OFFICE PROCEDURES.....	3
- MREC 210	MEDICAL BILLING I.....	3
- MREC 211	MEDICAL BILLING II.....	3
- OA 120	BUSINESS EDITING.....	3
- OA 240	RECORDS MANAGEMENT.....	3
Total number of credits.....		49

Business Management

ASSOC OF APPLIED SCIENCE

Major code: 2050

Department: Business and Computer Information

Chair: Nila K Stephens

Advising: Darin M Bell 541-881-5897; Kent L Banner 541-881-5895

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 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.

LEARNING OUTCOMES

Students who complete the Business Management 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.

DUAL CREDIT (2+2)

Students will receive credit for Business and Computer Information classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulated on 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, 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.

RELATED EDUCATIONAL REQUIREMENTS (17 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- SP 111	Fundamentals of Speech OR SP 219 Small Group Discussion.....	3
- BA 104	BUSINESS MATH.....	4
- BA 204	TEAMWORK DYNAMICS.....	3
- BA 214	BUSINESS COMMUNICATION.....	3
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (66 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

Treasure Valley Community College

Degree Descriptions

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BA 101	INTRO TO BUSINESS.....	4
- BA 131	INTRO TO BUSINESS COMPUTING.....	4
- BA 203	INTERNATIONAL BUSINESS.....	3
- BA 206	PRINCIPLES OF MANAGEMENT.....	3
- BA 211	PRINCIPLES OF ACCOUNTING I.....	4
- BA 213	PRINCIPLES OF ACCOUNTING III.....	4
- BA 223	PRINCIPLES OF MARKETING.....	3
- BA 255	PERSONNEL SUPERVISION.....	3
- BT 232	SPREADSHEET APPLICATIONS.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BA 280	COOPERATIVE WORK EXPERIENCE.....	2
-	ECON 201 Principles of Economics:Micro or ECON 202 Principles of Economics MACRO.....	4
- BA 218	PERSONAL FINANCE.....	3
- BA 226	BUSINESS LAW I.....	3
- BA 227	BUSINESS LAW II.....	3
- BA 239	PRINCIPLES OF ADVERTISING.....	3
- BA 243	CONSUMER BEHAVIOR.....	3
- BA 249	RETAIL MANAGEMENT.....	3
- BA 250	SMALL BUSINESS MANAGEMENT.....	3
- BT 242	DATABASE APPLICATIONS.....	4
- OA 201	WORD PROCESSING PROCEDURES I.....	3

Total number of credits..... 90

ELECTIVES (7 CREDITS)

Electives may be selected from any lower division college level or Career and Technical course.

Business Management- Accounting

ASSOC OF APPLIED SCIENCE

Major code: 2051

Department: Business and Computer Information

Chair: Nila K Stephens

Advising: Darin M Bell 541-881-5897; Kent L Banner 541-881-5895

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 for transfer to a four-year institution, although some coursework may be 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.

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.

DUAL CREDIT (2+2)

Students will receive credit for Business and Computer Information classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulated on 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, 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.

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RELATED EDUCATIONAL REQUIREMENTS (17 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

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<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- SP 111	FUNDAMENTALS OF SPEECH or SP 219 - SMALL GROUP DISCUSSION.....	3
- BA 104	BUSINESS MATH.....	4
- BA 204	TEAMWORK DYNAMICS.....	3
- BA 214	BUSINESS COMMUNICATION.....	3
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (63 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

Treasure Valley Community College

Degree Descriptions

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- OA 201-	Word Processing Procedures I.....	3
- BA 101	INTRO TO BUSINESS.....	4
- BA 131	INTRO TO BUSINESS COMPUTING.....	4
- BA 206	PRINCIPLES OF MANAGEMENT.....	3
- BA 223	PRINCIPLES OF MARKETING.....	3
- BA 226	BUSINESS LAW I.....	3
- BA 227	BUSINESS LAW II.....	3
- BA 255	PERSONNEL SUPERVISION.....	3
- BT 232	SPREADSHEET APPLICATIONS.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BA 280 -	COOPERATIVE WORK EXPERIENCE.....	2
-	ECON 201 - Principles of Microeconomics OR ECON 202 Principles of Macroeconomics.....	4
- BA 203	INTERNATIONAL BUSINESS.....	3
- BA 211	PRINCIPLES OF FINANCIAL ACCOUNTING.....	4
- BA 213	PRINCIPLE OF MANAGERIAL ACCOUNTING.....	4
- BA 218	PERSONAL FINANCE.....	3
- BA 250	SMALL BUSINESS MANAGEMENT.....	3
- BT 242	DATABASE APPLICATIONS.....	4
- BT 251	COMPUTER-ASSISTED ACCOUNTING I.....	3
- BT 252	COMPUTER ASSISTED ACCOUNTING II.....	3

Total number of credits..... 90

ELECTIVES (10 CREDITS)

Electives may be selected from any lower division college level or Career and Technical course.

Business Management-Applied Accounting Specialist

CERTIFICATE (ONE YEAR)

Major code: 3040

Department: Business and Computer Information

Chair: Nila K Stephens

Advising: Darin M Bell 541-881-5897; Kent L Banner 541-881-5895

PROGRAM OVERVIEW

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.

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 co-workers within diverse cultural contexts.
- Apply ethical and legal laws and regulations in solving business problems.

DUAL CREDIT (2+2)

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

RELATED EDUCATIONAL REQUIREMENTS (17 CREDITS)

All career and technical education 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 required to take preparatory courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- SP 111	FUNDAMENTALS OF SPEECH or SP 219 SMALL GROUP DISCUSSION.....	3
- BA 104	BUSINESS MATH.....	4
- BA 204	TEAMWORK DYNAMICS.....	3
- BA 214	BUSINESS COMMUNICATION.....	3
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (28 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- OA 201-	Word Processing Procedures I.....	3
- BA 131	INTRO TO BUSINESS COMPUTING.....	4
- BA 211	PRINCIPLES OF FINANCIAL ACCOUNTING.....	4
- BA 213	PRINCIPLE OF MANAGERIAL ACCOUNTING.....	4
- BA 218	PERSONAL FINANCE.....	3
- BT 232	SPREADSHEET APPLICATIONS.....	4
- BT 251	COMPUTER-ASSISTED ACCOUNTING I.....	3
- BT 252	COMPUTER ASSISTED ACCOUNTING II.....	3

Total number of credits.....45

Business Office Admin-Medical Office Admin

ASSOC OF APPLIED SCIENCE

Major code: 2197

Department: Business and Computer Information

Chair: Nila K Stephens

PROGRAM OVERVIEW

This degree 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.

LEARNING OUTCOMES

Students who complete this program 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.

REQUIRED COURSES (90 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

COURSE #	COURSE TITLE	CREDITS
- SP 219	Small Group Discussion OR BA 214 Business Communications.....	3
- BA 101	INTRO TO BUSINESS.....	4
- BA 131	INTRO TO BUSINESS COMPUTING.....	4
- BA 204	TEAMWORK DYNAMICS.....	3
- BA 206	PRINCIPLES OF MANAGEMENT.....	3
- BT 105	PRESENTATION APPLICATIONS.....	1
- BT 210	EMAIL & PRODUCTIVITY APPLICATIONS.....	2
- BT 221	WORD PROCESSING PROCEDURES I.....	3
- BT 222	WORD PROCESSING PROCEDURES II.....	3
- BT 232	SPREADSHEET APPLICATIONS.....	4
- GSCI 161	MEDICAL TERMINOLOGY I.....	3
- OA 116	OFFICE PROCEDURES.....	3
- OA 120	BUSINESS EDITING.....	3
- WR 121	ENGLISH COMPOSITION.....	4

YEAR 2

COURSE #	COURSE TITLE	CREDITS
- BA 104	BUSINESS MATH I OR HIGHER.....	4
- BA 213	Managerial Accounting OR BT 252 Computer Assist Acct II.....	4
- OA 280	OFFICE APPLICATIONS COOP WK EXP.....	2
- BA 211	PRINCIPLES OF FINANCIAL ACCOUNTING.....	4
- BA 226	BUSINESS LAW I.....	3
- BT 242	DATABASE APPLICATIONS.....	4
- BT 251	COMPUTER-ASSISTED ACCOUNTING I.....	3
- BT 290	INTEGRATED OFFICE APPLICATIONS.....	3
- HPE 120	FIRST AID & CPR.....	2
- MREC 116	MEDICAL OFFICE PROCEDURES.....	3
- MREC 210	MEDICAL BILLING I.....	3
- MREC 211	MEDICAL BILLING II.....	3
- OA 220	ADVANCED DOCUMENT PRODUCTION.....	3
- OA 240	RECORDS MANAGEMENT.....	3
- OA 251	OFFICE MANAGEMENT.....	3

Total number of credits.....91

ELECTIVES (1 CREDITS)
Elective

Business Office Administration-Office Specialist

CERTIFICATE (ONE YEAR)

Major code: 3195
Department: Business and Computer Information
Chair: Nila K Stephens
Advising: Nila K Stephens 541-881-5896

PROGRAM OVERVIEW

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.
- 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.
- Apply appropriate math skills for problem solving and analyze information presented in a variety of formats using both manual systems and computer software.

DUAL CREDIT (2+2)

Students will receive credit for Business and Computer Information classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulated on 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, 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.

RELATED EDUCATIONAL REQUIREMENTS (11 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BA 104	BUSINESS MATH.....	4
- BA 204	TEAMWORK DYNAMICS.....	3
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (32 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- OA 280	COOPERATIVE WORK EXPERIENCE.....	2
- BA 131	INTRO TO BUSINESS COMPUTING.....	4
- BT 105	PRESENTATION APPLICATIONS.....	1
- BT 210	EMAIL & PRODUCTIVITY APPLICATIONS.....	2
- BT 221	WORD PROCESSING PROCEDURES I.....	3
- BT 222	WORD PROCESSING PROCEDURES II.....	3
- BT 232	SPREADSHEET APPLICATIONS.....	4
- BT 242	DATABASE APPLICATIONS.....	4
- OA 116	OFFICE PROCEDURES.....	3
- OA 120	BUSINESS EDITING.....	3
- OA 240	RECORDS MANAGEMENT.....	3

Total number of credits.....46

ELECTIVES (3 CREDITS)

Electives may be selected from any lower division college level or Career & Technical courses.

Business Office-Administration

ASSOC OF APPLIED SCIENCE

Major code: 2196

Department: Business and Computer Information

Chair: Nila K Stephens

Advising: Nila K Stephens 541-881-5896

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 for transfer to a four-year institution, although some coursework may be 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.

FOUNDATION SKILLS REQUIREMENTS (13 CREDITS)

Writing: WR-121 English Composition 4-credits

Oral Communication: BA-214 OR SP-219 3-credits

Mathematics Skills: BA-104 4-credits

Human Relations: BA-204 3-credits

REQUIRED COURSES (68 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BA 101	INTRO TO BUSINESS.....	4
- BA 131	INTRO TO BUSINESS COMPUTING.....	4
- BA 206	PRINCIPLES OF MANAGEMENT.....	3
- BT 105	PRESENTATION APPLICATIONS.....	1
- BT 210	EMAIL & PRODUCTIVITY APPLICATIONS.....	2
- BT 221	WORD PROCESSING PROCEDURES I.....	3
- BT 222	WORD PROCESSING PROCEDURES II.....	3
- BT 232	SPREADSHEET APPLICATIONS.....	4
- OA 116	OFFICE PROCEDURES.....	3
- OA 120	BUSINESS EDITING.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BA 213	PRINCIPLES OF MANAGERIAL ACCTNG OR BT 252 COMP ASSIST ACCT ii.....	4
- OA 280	COOP WORK EXP.....	2
- BA 211	PRINCIPLES OF FINANCIAL ACCOUNTING.....	4
- BA 226	BUSINESS LAW I.....	3
- BA 227	BUSINESS LAW II.....	3
- BA 255	PERSONNEL SUPERVISION.....	3
- BT 242	DATABASE APPLICATIONS.....	4
- BT 251	COMPUTER-ASSISTED ACCOUNTING I.....	3
- BT 290	INTEGRATED OFFICE APPLICATIONS.....	3
- OA 220	ADVANCED DOCUMENT PRODUCTION.....	3
- OA 240	RECORDS MANAGEMENT.....	3
- OA 251	OFFICE MANAGEMENT.....	3

Total number of credits..... 90

ELECTIVES (9 CREDITS)

Electives

Criminal Justice

ASSOC OF APPLIED SCIENCE

Major code: 2120
Department: Career and Technical Ed
Chair: David M Koehler
Advising: Jessica J Breidinger 541-881-5998

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 for transfer to a four-year institution, although some coursework may be 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.

LEARNING OUTCOMES

Students who complete this 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.

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.

Note: CJ 280 - Cooperative Work Experience (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.

RELATED EDUCATIONAL REQUIREMENTS (14 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- SP 111	- FUNDAMENTALS OF SPEECH OR SP 219 - SMALL GROUP DISCUSSION.....	3
- MATH 063	TECHNICAL MATH I.....	4
- SOC 205	GENERAL SOCIOLOGY.....	3
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (67 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

Treasure Valley Community College

Degree Descriptions

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CJ 100	INTRO TO CRIMINAL JUSTICE.....	3
- CJ 112	PATROL PROCEDURES.....	3
- CJ 113	ACCIDENT INVESTIGATION/TRAFFIC LAWS.....	3
- CJ 130	INTRO TO CORRECTIONS.....	3
- CJ 140	U.S. CRIMINAL JUSTICE SYSTEM.....	3
- CJ 201	INTRO TO JUVENILE JUSTICE SYSTEM.....	3
- CJ 203	CRISIS INTERVENTION.....	3
- CJ 205	VICTIMS OF CRIME.....	3
- CJ 209	INTRO TO CAREERS IN CRIM JUSTICE.....	3
- CS 101	COMPUTER FUNDAMENTALS I.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CJ 280	COOPERATIVE WORK EXPERIENCE.....	3
- CJ 111	CONCEPTS OF ENFORCEMENT SERVICES.....	3
- CJ 120	INTRO TO JUDICIAL PROCESS.....	3
- CJ 132	INTRO TO PAROLE & PROBATION.....	3
- CJ 200	COMMUNITY RELATIONS.....	3
- CJ 202	VIOLENCE & AGRESSION.....	3
- CJ 207	CRIMINAL JUSTICE DOCUMENTATION.....	3
- CJ 208	ETHICS IN CRIMINAL JUSTICE.....	3
- CJ 222	PROCEDURAL LAW.....	3
- CJ 223	RULES OF EVIDENCE.....	3
- CJ 232	CORRECTIONS CASEWORK.....	3
- HSER 250	INTRO TO MEDITATION, MINDFULNESS &.....	3

Total number of credits.....90

ELECTIVES (9 CREDITS)

Electives

Criminal Justice-Corrections

CERTIFICATE (ONE YEAR)

Major code: 3065
Department: Career and Technical Ed
Chair: David M Koehler
Advising: Jessica J Breidinger 541-881-5998

PROGRAM OVERVIEW

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 EDUCATIONAL REQUIREMENTS (11 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CJ 200	COMMUNITY RELATIONS.....	3
- MATH 063	TECHNICAL MATH I.....	4
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (36 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CJ 100	INTRO TO CRIMINAL JUSTICE.....	3
- CJ 120	INTRO TO JUDICIAL PROCESS.....	3
- CJ 130	INTRO TO CORRECTIONS.....	3
- CJ 132	INTRO TO PAROLE & PROBATION.....	3
- CJ 201	INTRO TO JUVENILE JUSTICE SYSTEM.....	3
- CJ 202	VIOLENCE & AGRESSION.....	3
- CJ 205	VICTIMS OF CRIME.....	3
- CJ 220	CRIMINAL LAW.....	3
- CJ 222	PROCEDURAL LAW.....	3
- CJ 225	CORRECTIONS LAW.....	3
- HPE 295	HEALTH & FITNESS FOR LIFE.....	3
- HSER 250	INTRO TO MEDITATION, MINDFUL/STRESS.....	3

Total number of credits.....47

Crop Science

ASSOC OF SCIENCE

Major code: 1015
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Sandra Porter 541-881-5969

PROGRAM OVERVIEW

This is an Associate of Science degree designed to transfer on to a 4-year College or University. TVCC has worked closely with Oregon State University and University of Idaho.

Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

If you plan on attending any 4-year school, after TVCC, please make sure you contact that school as early as possible while attending TVCC.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

WR 121 and WR 122 = 8
 Oral Communication = 3
 Math 95 = 5

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters = 6
 Social Science = 6
 Science (any Life or Physical Science w/lab) = 12

CULTURAL LITERACY REQUIREMENTS

One course, selected from the Cultural Literacy list (min. 3-credits)

REQUIRED COURSES (39 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- CSS 200	PRINCIPLES OF CROP SCIENCE.....	4
- GEOG 265	GEOGRAPHIC INFO SYSTEMS (GIS) I.....	4
- HORT 111	INTRO TO PLANT GROWTH.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- CSS 205	GENERAL SOILS.....	3
- CSS 210	FORAGE PRODUCTION.....	3
- CSS 215	SOIL NUTRIENTS & FERTILIZER.....	3
- CSS 217	PESTICIDE SAFETY AND USE.....	1
- CSS 240	INTRO TO NOXIOUS WEEDS.....	3
- HPE 120	FIRST AID & CPR.....	2

Total number of credits.....90

ELECTIVES (11 CREDITS)

Elective Courses

Crop Science

ASSOC OF APPLIED SCIENCE

Major code: 2070

Department: Ag & Natural Resources

Chair: Marcus Nichols

PROGRAM OVERVIEW

Students learn techniques to improve production, planting, harvesting and sustainable farming techniques. Will provide the necessary skills to manage a profitable, environmentally-sound farm, ranch or agricultural business. Graduates are qualified for employment in a variety of positions associated with agriculture, including horticultural and livestock operations, wholesale and retail management, nursery operations and environmental and agricultural education.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to

- Attain professional skills necessary for careers associated with crop production, including tools to enable lifelong learning and skills for adapting to a changing world.
- Identify plant diseases and soil nutrient deficiencies.
- Plan a sustainable profitable crop rotation needed for soil conservation.
- Describe the life cycle of the region crop commodities, how they are marketed, and how the local, regional, national and global economies affect that.
- Learn the skills needed for irrigation equipment operation and maintenance.
- Learn the skills needed for common crop equipment maintenance and repair.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

WR 115 or higher (4 cr)

SP 111 or BA 204 (3 cr)

Math 93 or higher (4 cr)

PSYC 101 (3 cr)

INED 157 (2 cr)

REQUIRED COURSES (69 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- AG 215	IRRIGATION AND DRAINAGE.....	4
- AREC 221	MARKETING IN AGRICULTURE.....	3
- CSS 200	PRINCIPLES OF CROP SCIENCE.....	4
- CSS 205	GENERAL SOILS.....	3
- CSS 215	SOIL NUTRIENTS & FERTILIZER.....	3
- CSS 217	PESTICIDE SAFETY AND USE.....	1
- INED 113	BASIC HYDRAULICS.....	2
- NATR 112	GLOBAL POSITIONING SYSTEMS (GPS).....	2
- WELD 150	BASIC WELDING I.....	5

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 280	AGRICULTURE COOP WORK EXP.....	4
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- AG 212	ENGINE THEORY & OPERATION.....	3
- AREC 210	FARM BUSINESS MANAGEMENT.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- CSS 210	FORAGE PRODUCTION.....	3
- CSS 240	INTRO TO NOXIOUS WEEDS.....	3
- HORT 111	INTRO TO PLANT GROWTH.....	3
- INED 114	BASIC PNEUMATICS.....	3
- INED 212	INDUSTRIAL SAFETY & MANAGEMENT.....	3
- NATR 103	APPLIED BOTANY.....	3
- WELD 296	WELDING FABRICATIONS PRACTICES.....	4

Total number of credits.....90

ELECTIVES (5 CREDITS)
Electives

Cyber Security & Network Admin

ASSOC OF APPLIED SCIENCE

Major code: 2066

Department: Business and Computer Information

Chair: Nila K Stephens

Advising: Darin M Bell 541-881-5897; Scott Carpenter 541-881-5773

PROGRAM OVERVIEW

This program prepares students for work in a variety of computer related careers as a desktop administrator, entry level network engineer, entry level systems engineer or entry level SQL support specialist. This degree is designed for students wishing to directly enter the workforce.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- Describe communication strategies and professional behaviors needed to support end-users, work with peers and clients to complete business practice analyses
- Prepare proposals for IT projects
- Develop a plan for finding and maintaining a career as an IT professional.
- Students will be prepared for introductory industry certification exams.
- Articulate the principles and best practices of cybersecurity, analyze an organization's security vulnerabilities, and implement technical and procedural solutions to harden and protect an organization's computer and network infrastructure.
- Demonstrate an introductory proficiency with commonly used database and website development tools that would prepare the student to provide initial support of these systems for a small-to medium-sized organization.
- Plan, implement, administer and support the network servers to help a small-to mid-sized organization achieve its business goals and objectives.
- Students will be able to distinguish between, and articulate some of the benefits and challenges of, on premise and cloud-based server infrastructure designs.
- Configure and deploy network switching and routing equipment needed to appropriately segment and control local area, wide area and wireless networks.

FOUNDATION SKILLS REQUIREMENTS (15 CREDITS)

Writing: WR 115 Intro. to College Writing (4-credits); Math: MATH 60 Beginning Algebra or higher (5-credits); Oral Communications: SP 111 Speech (3-credits);

Human Relations: PSYC 101 Psyc. of Human Relations or BA 204 Teamwork Dynamics (3-credits)

REQUIRED COURSES (68 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CIS 100	INTRO TO PC NETWORK & CYBERSECURITY.....	4
- CIS 101	INTRODUCTION TO NETWORK.....	4
- CIS 102	ROUTING & SWITCHING ESSENTIALS.....	4
- CIS 110	INFORMATION TECHNOLOGY ESSENTIALS I.....	3
- CIS 140	INTRO TO OPERATING SYSTEMS.....	4
- CS 194	WEB ESSENTIALS.....	3
- CS 195	WEB DESIGN.....	3
- CS 240	SERVER OPERATING SYSTEMS 1.....	4
- CS 241	SERVER OPERATING SYSTEMS 2.....	4
- HDEV 112	FRESHMAN SEMINAR.....	1

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CS 280	COOP WK EXP.....	3
- CIS 122	INTRO SQL & DATABASE DEVELOPMENT.....	4
- CIS 123	INTER SQL & DATABASE DEVELOPMENT.....	4
- CIS 283	CYBERSECURITY FOUNDATION & GATEWAY.....	4
- CIS 284	CYBERSECURITY ESSENTIALS.....	4
- CIS 285	CYBERSECURITY INFRASTRUCTURE CONFIG.....	4
- CIS 297	CAPSTONE PROJECT II.....	3
- CS 160	ORIENTATION TO PROGRAMMING.....	4
- CS 242	SERVER OPERATING SYSTEMS 3.....	4

Total number of credits..... 90

ELECTIVES (7 CREDITS)
Electives

Early Childhood Education

ASSOC OF APPLIED SCIENCE

Major code: 2151
Department: Social Science
Chair: Suzanne Bolyard
Advising: Suzanne Bolyard 541-881-5857

PROGRAM OVERVIEW

This 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 for transfer to a four-year institution, although some coursework may be 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.

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LEARNING OUTCOMES

Students who complete this area of study 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 elective 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 EDUCATIONAL REQUIREMENTS (12 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

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<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- MATH 95	INTERMEDIATE ALGEBRA OR HIGHER.....	5
- EDUC 246	FAMILY/COMMUNITY RELATIONS-ECE.....	3
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (77 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- EDUC 106	CHILD DEVELOPMENT II.....	3
- EDUC 140	INTRO EARLY CHILDHOOD EDUCATION.....	3
- EDUC 141	CHILD DEVELOPMENT I.....	3
- EDUC 145	GUIDANCE I-EARLY CHILDHOOD ED.....	3
- EDUC 149	INFANT/TODDLER CAREGIVING.....	3
- EDUC 150	CURRICULUM I-EARLY CHILDHOOD ED.....	3
- EDUC 154	LITERATURE & LITERACY FOR ECE.....	3
- EDUC 157	MATH DEVELOPMENT FOR ECE.....	3
- EDUC 158	BILINGUAL LANGUAGE DEVELOPMENT.....	3
- EDUC 162	CHILD NUTRITION, HEALTH AND SAFETY.....	3
- EDUC 210	THEORY & PRACTICUM.....	1
- EDUC 242	EDUCATIONAL CONCEPTS.....	3
- EDUC 245	GUIDANCE II-EARLY CHILDHOOD ED.....	3

Treasure Valley Community College

Degree Descriptions

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- EDUC 210	THEORY & PRACTICUM.....	1
- EDUC 200	INTRO TO EDUCATION.....	4
- EDUC 202	EDUCATIONAL TECHNOLOGY.....	4
- EDUC 213	SCHOOL LAW.....	3
- EDUC 230	INTRO TO CHILD ABUSE AND NEGLECT.....	3
- EDUC 231	CHILDREN OF INCARCERATED PARENTS.....	3
- EDUC 232	THERAPEUTIC INTER:CHILD OF NEGLECT.....	3
- EDUC 233	CRITICAL FACTORS IN PARENT NEGLECT.....	3
- EDUC 240	CURRICULUM II- EARLY CHILDHOOD ED.....	3
- EDUC 247	CLASSROOM MANAGEMENT.....	3
- EDUC 248	SPECIAL NEEDS & MAINSTREAMING.....	3
- EDUC 250	EXCEPTIONALITY IN THE SCHOOLS.....	4
- EDUC 258	ETHNIC STUDIES FOR ECE EDUCATORS.....	3
Total number of credits.....		91

ELECTIVES (2 CREDITS)

Electives

Early Childhood Education

CERTIFICATE (ONE YEAR)

Major code: 3151

Department: Social Science

Chair: Suzanne Bolyard

Advising: Suzanne Bolyard 541-881-5857

PROGRAM OVERVIEW

Students successfully completing the certificate are prepared to work in private daycare facilities as teaching assistants.

All courses in this certification may be applied to the Early Childhood Education Associate of Applied Science degree. A minimum grade point average of 2.0 is required for this certificate.

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 EDUCATIONAL REQUIREMENTS (12 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- Math 95	INTERMEDIATE ALGEBRA I or higher.....	5
- EDUC 246	FAMILY/COMMUNITY RELATIONS-ECE.....	3
- WR 121	ENGLISH COMPOSITION.....	4

REQUIRED COURSES (37 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- EDUC 106	CHILD DEVELOPMENT II.....	3
- EDUC 140	INTRO EARLY CHILDHOOD EDUCATION.....	3
- EDUC 141	CHILD DEVELOPMENT I.....	3
- EDUC 145	GUIDANCE I-EARLY CHILDHOOD ED.....	3
- EDUC 149	INFANT/TODDLER CAREGIVING.....	3
- EDUC 150	CURRICULUM I-EARLY CHILDHOOD ED.....	3
- EDUC 154	LITERATURE & LITERACY FOR ECE.....	3
- EDUC 157	MATH DEVELOPMENT FOR ECE.....	3
- EDUC 158	BILINGUAL LANGUAGE DEVELOPMENT.....	3
- EDUC 162	CHILD NUTRITION, HEALTH AND SAFETY.....	3
- EDUC 210	THEORY & PRACTICUM.....	1
- EDUC 240	CURRICULUM II- EARLY CHILDHOOD ED.....	3
- EDUC 245	GUIDANCE II-EARLY CHILDHOOD ED.....	3

Total number of credits..... 49

Emergency Medical Technician

CERTIFICATE (ONE YEAR)

Major code: 3121

Department: Addiction Studies

Chair: Suzanne Bolyard

Advising: Sheryl Romans 541-881-5757

PROGRAM OVERVIEW

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 certificate is designed to meet the requirements of the NREMT Certification and provides the first year of a two-year Associate of Applied Science Emergency Medical Technician degree (which requires transfer to another college).

Students who wish to transfer coursework are strongly encouraged to work with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution. The EMT courses also fulfill some of the core requirements for a Structural Fire AAS at Treasure Valley. 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 EDUCATIONAL REQUIREMENTS (12 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- Math 60	Math 60 - Beginning Algebra or Higher.....	5
- EMT 170	EMERGENCY COMM & PATIENT TRANS.....	3
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (37 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BIOL 231	HUMAN ANATOMY & PHYSIOLOGY.....	4
- BIOL 232	HUMAN ANATOMY & PHYSIOLOGY.....	4
- BIOL 233	HUMAN ANATOMY & PHYSIOLOGY.....	4
- CJ 203	CRISIS INTERVENTION.....	3
- EMT 151	EMT BASIC I.....	5
- EMT 152	EMT BASIC II.....	5
- EMT 169	EMT RESCUE.....	3
- EMT 175	INTRO EMERGENCY MEDICAL SERVICES.....	3
- GSCI 161	MEDICAL TERMINOLOGY I.....	3
- SOC 205	GENERAL SOCIOLOGY.....	3

Total number of credits..... 49

Biology courses listed above have prerequisites.

Equine Business

ASSOC OF APPLIED SCIENCE

Major code: 2186

Department: Ag & Natural Resources

Chair: Marcus Nichols

Advising: Wade Black 541-881-5976

PROGRAM OVERVIEW

The Associate of Science degree in Equine Business prepares student for a wide variety of careers in Equine Business Management including Equine Business Owner/Manager, Equine Facility Manager, Equine Riding Instructor and Equine Breeding operations. The program combines theory with practical skills required for daily equine management operations and other equine supply and service businesses.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- Apply computer skills needed in the operation and maintenance of an equine business
- Maintain financial records for an equine business operation, analysis and management as well as develop a business plan
- Maintain and/or administer an equine health maintenance program and bio-security measures at an equine facility.
- Demonstrate the knowledge and abilities required to become a Certified Equine Facility Manager.
- Demonstrate knowledge and abilities required to become a Certified Riding Instructor.
- Develop and maintain an equine marketing plan for an equine enterprise.

RELATED EDUCATIONAL REQUIREMENTS (13 CREDITS)

General Education Coursework is included and required within this degree.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- INED 157	EMPLOYMENT STRATEGIES.....	2
- MATH 063	TECHNICAL MATH I.....	4
- PSYC 101	PSYCHOLOGY OF HUMAN RELATIONS.....	3
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (61 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AET 212	INDUSTRIAL SAFETY & MANAGEMENT.....	3
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 107	BASIC HOOF MAINTENANCE.....	3
- ANS 151	BUILDING AND STABLE MANAGEMENT.....	1
- ANS 152	BUILDING AND STABLE MANAGEMENT II.....	1
- ANS 153	BUILDING AND STABLE MANAGEMENT.....	1
- ANS 210	FEED AND RATION FORMULATION.....	3
- ANS 220	INTRO TO HORSE PRODUCTION.....	3
- ANS 222	EQUINE HEALTH & DISEASE.....	3
- ANS 223	EQUINE BUSINESS & MARKETING.....	3
- AREC 201	AGRICULTURE ACCOUNTING.....	3
- HPE 120	FIRST AID & CPR.....	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 280	Work Experience.....	3
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- ANS 277	EQUINE REPRODUCTION.....	2
- AREC 210	FARM BUSINESS MANAGEMENT.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- AREC 221	MARKETING IN AGRICULTURE.....	3
- CSS 210	FORAGE PRODUCTION.....	3
- ECON 201	PRINCIPLES OF MICROECONOMICS.....	4

Total number of credits..... 92

ELECTIVES (18 CREDITS)

There are (18) elective credits required to complete this degree.

Equine Science

ASSOC OF SCIENCE

Major code: 1009
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Wade Black 541-881-5976

PROGRAM OVERVIEW

This is for students interested in pursuing a degree in Animal Science with an equine emphasis with Montana 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 Montana State University.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- This degree is designed to transfer to a 4-year College and/or University will all lower division requirements complete

FOUNDATION SKILLS REQUIREMENTS (15 CREDITS)

Writing: WR 121 and WR 122 English Comp (8-credits)
 Oral Communications: SP 111 Fundamentals of Speech (3-credits)
 Math: MATH 111 College Algebra or Higher (4-credits)

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters - 6 credits
 Social Science - 6 Credits
 Science (any Life or Physical Science w/lab) - 12 credits

CULTURAL LITERACY REQUIREMENTS

One course, selected from the Diversity List (minimum of 3 credits)

REQUIRED COURSES (46 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 107	BASIC HOOF MAINTENANCE.....	3
- ANS 108	ADVANCED HORSESHOEING.....	3
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- ANS 141	BASIC HALTER TRAINING.....	3
- ANS 151	BUILDING AND STABLE MANAGEMENT.....	1
- ANS 152	BUILDING AND STABLE MANAGEMENT II.....	1
- ANS 153	BUILDING AND STABLE MANAGEMENT.....	1
- ANS 192	HORSEMANSHIP.....	3
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- ANS 220	INTRO TO HORSE PRODUCTION.....	3
- ANS 222	EQUINE HEALTH & DISEASE.....	3
- ANS 277	EQUINE REPRODUCTION.....	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- ANS 223	EQUINE BUSINESS & MARKETING.....	3
- ANS 278	PRINCIPLES OF ANIMAL BREEDING.....	3
- CSS 200	PRINCIPLES OF CROP SCIENCE.....	4

Total number of credits..... 90

ELECTIVES (5 CREDITS)

Electives

Horse Production

ASSOC OF APPLIED SCIENCE

Major code: 2185
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Wade Black 541-881-5976

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. Students 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 for transfer to a four-year institution, although some coursework may be 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.

LEARNING OUTCOMES

Students who complete this area of study 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.

DUAL CREDIT (2+2)

Students will receive credit for Ag & Natural Resources classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulated on 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.

RELATED EDUCATIONAL REQUIREMENTS (13 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- INED 157	EMPLOYMENT STRATEGIES.....	2
- MATH 063	TECHNICAL MATH I.....	4
- PSYC 101	PSYCHOLOGY OF HUMAN RELATIONS.....	3
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (75 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- ANS 295	- REINING or AREC 201 - AGRICULTURE ACCOUNTING.....	3
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 107	BASIC HOOF MAINTENANCE.....	3
- ANS 108	ADVANCED HORSESHOEING.....	3
- ANS 141	BASIC HALTER TRAINING.....	3
- ANS 142	GREEN BREAKING.....	4
- ANS 151	BUILDING AND STABLE MANAGEMENT.....	1
- ANS 192	HORSEMANSHIP.....	3
- ANS 200	LIVESTOCK SKILLS.....	3
- ANS 210	FEED AND RATION FORMULATION.....	3
- ANS 220	INTRO TO HORSE PRODUCTION.....	3
- ANS 222	EQUINE HEALTH & DISEASE.....	3
- ANS 223	EQUINE BUSINESS & MARKETING.....	3
- HPE 120	FIRST AID & CPR.....	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 280	- COOPERATIVE WORK EXPERIENCE.....	3
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- ANS 143	ADVANCED HORSE TRAINING.....	3
- ANS 152	BUILDING AND STABLE MANAGEMENT II.....	1
- ANS 153	BUILDING AND STABLE MANAGEMENT.....	1
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- ANS 277	EQUINE REPRODUCTION.....	2
- ANS 294	COW CUTTING.....	3
- ANS 297	WORKING COW-HORSE.....	3
- ANS 298	ARENA HORSE SKILLS.....	3
- AREC 210	FARM BUSINESS MANAGEMENT.....	3
- CSS 210	FORAGE PRODUCTION.....	3

Total number of credits.....91

ELECTIVES (3 CREDITS)

Consult advisor for suggested courses

Industrial Manufacturing & Auto Controls

ASSOC OF APPLIED SCIENCE

Major code: 2224

Department: Industrial Manufacturing and Controls

Chair: Marcus Nichols

Advising: Justin Blazzard 541-881-5974

PROGRAM OVERVIEW

The Industrial Manufacturing and Control Systems AAS prepares students to work in a variety of automated electro-mechanical, product assembly, process control or product distribution industries that use programmable controls, instrumentation, troubleshooting and other methodologies to accomplish system management. Provides skills to define, integrate, install, program, maintain and operate complex control systems.

LEARNING OUTCOMES

At completion of the IMAC program, students will be able to:

- Demonstrate proper safety procedures when performing minor troubleshooting repairs.
- Devise maintenance routines for mechanical, hydraulic, and pneumatic systems.
- Employ appropriate diagnostic tools to troubleshoot, repair, and /or maintain production systems.
- Calculate total system amperage, voltage, and wattage.
- Connect motors, electrical connections and controllers to allow a Program Logic Controller (PLC) to properly operate a machine.
- Demonstrate correctly and perform periodic maintenance procedures.
- Troubleshoot system for errors or malfunctions.
- Apply correct procedures in setting up equipment to perform basic welds using OAW, SMAW, FCAW, and GTAW processes.

FOUNDATION SKILLS REQUIREMENTS (0 CREDITS)

Write 115 Intro to College Writing [or higher] (4-credits)

BA 204 Team Dynamics (3-credits)

Math 095 Intermediate Algebra (5-credits)

INED 156 Employment Strategies (1-credit)

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REQUIRED COURSES (84 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- DRFT 112	GENERAL DRAFTING & SKETCHING WELDER.....	3
- HDEV 112	FRESHMAN SEMINAR.....	1
- INED 100	INTRO TO AUTOMATION/RENEWABLE.....	3
- INED 101	INTRO TO BASIC TROUBLESHOOTING.....	3
- INED 104	ELECT SYSTEMS TROUBLESHOOTING I.....	3
- INED 107	ELECT SYSTEM TROUBLESHOOTING II.....	3
- INED 108	PRINCIPLES OF TECHNOLOGY.....	3
- INED 112	CONTROL SYSTEMS.....	3
- INED 167	CAD I 2D DRAWING.....	4
- INED 212	INDUSTRIAL SAFETY & MANAGEMENT.....	3
- WELD 150	BASIC WELDING I.....	5
- WELD 160	BASIC WELDING II.....	5
- WELD 296	WELDING FABRICATIONS PRACTICES.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- INED 156	Employment Strategies.....	1
- BA 204	TEAMWORK DYNAMICS.....	3
- CS 101	COMPUTER FUNDAMENTALS I.....	4
- INED 103	MECHANICAL SYSTEMS.....	3
- INED 113	BASIC HYDRAULICS.....	2
- INED 114	BASIC PNEUMATICS.....	3
- INED 115	PROCESS CONTROL & INSTRUMENTATION.....	3
- INED 213	ADVANCED CONTROL SYSTEMS.....	3
- INED 280	INDUSTRIAL COOP WORK EXP.....	6
- MATH 095	INTERMEDIATE ALGEBRA I.....	5
- WELD 297	WELDING FABRICATION PRACTICES II.....	2
- WELD 298	WELDING FABRICATION PRACTICES III.....	2
- WR 115	INTRO TO COLLEGE WRITING.....	4
Total number of credits.....		90

ELECTIVES (6 CREDITS)

Electives

Medical Assistant

ASSOC OF APPLIED SCIENCE

Major code: 2125
Department: Nursing
Chair: Jill Humble
Advising: Kilee Saldivar 541-881-5945

PROGRAM OVERVIEW

This is a two year program, designed to allow a student to become a Certified Medical Assistant in year one and then continue on to obtain an Associate of Applied Science degree. This program is designed to ensure a graduate can work both the front office and the back office of a medical office.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- Apply appropriate mathematical skills for problem solving and analyze information presented in a variety of formats using both manual systems and computer software
- Apply ethical standards as they relate to business dealing.
- Demonstrate critical thinking and problem solving as pertaining to health care setting
- Function effectively as a healthcare team member
- Interact effectively in oral and written communications with physicians, medical staff, and patients and families
- Understand and model professional and ethical behaviors, including confidentiality
- Understand the basics of medical law within the scope of the medical assistant position
- Use applied technology to support business functions utilizing computer software programs to include word processing, spreadsheets, databases, presentation programs, emails, 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.

FOUNDATION SKILLS REQUIREMENTS (15 CREDITS)

Writing: WR 121 - (4-credits); Oral Communication: Sp 111 Fundamentals of Speech- (3-credits)

Math: Math 60 Beginning Algebra I or Higher (5-credits)

Human Relations: PSYC 101 or PSYC 201 and MA 118 (3-credits)

REQUIRED COURSES (72 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BIOL 121	INTRO TO HUMAN ANATOMY & PHYSIOLOGY.....	5
- CS 101	COMPUTER FUNDAMENTALS I.....	4
- GSCI 161	MEDICAL TERMINOLOGY I.....	3
- GSCI 162	MEDICAL TERMINOLOGY II.....	3
- MA 112	INTRO TO MEDICAL ASSISTING.....	4
- MA 115	PHLEBOTOMY.....	2
- MA 116	INTRODUCTION TO MEDICATIONS.....	4
- MA 117	CLINICAL PROCEDURES.....	4
- MA 118	MEDICAL ASSISTANT EXTERNSHIP.....	5
- MA 119	EXTERNSHIP SEMINAR.....	1

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BA 101	INTRO TO BUSINESS.....	4
- BA 204	TEAMWORK DYNAMICS.....	3
- BA 211	PRINCIPLES OF FINANCIAL ACCOUNTING.....	4
- BT 221	WORD PROCESSING PROCEDURES I.....	3
- BT 222	WORD PROCESSING PROCEDURES II.....	3
- BT 232	SPREADSHEET APPLICATIONS.....	4
- BT 242	DATABASE APPLICATIONS.....	4
- MREC 116	MEDICAL OFFICE PROCEDURES.....	3
- MREC 210	MEDICAL BILLING I.....	3
- MREC 211	MEDICAL BILLING II.....	3
- OA 240	RECORDS MANAGEMENT.....	3

Total number of credits.....90

ELECTIVES (3 CREDITS)
Electives

Medical Assistant

CERTIFICATE (ONE YEAR)

Major code: 3125
Department: Nursing
Chair: Jill Humble
Advising: Kilee Saldivar 541-881-5945

PROGRAM OVERVIEW

This is a one-year State certificate that allows a student to become a Certified Medical Assistant in Oregon.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- 1. Function effectively as a healthcare team member.
- 2. Interact effectively in oral and written communications with physicians, medical staff, and patients and families.
- 3. Use computers and other technology proficiently for administrative and clinical tasks
- 4. Understand and model professional and ethical behaviors, including confidentiality
- 5. Demonstrate critical thinking and problem solving as pertaining to health care setting
- 6. Understand the basics of medical law within the scope of the medical assistant position

FOUNDATION SKILLS REQUIREMENTS (15 CREDITS)

Writing: WR 121 - (4-credits)
 Oral Communication: Sp 111 Fundamentals of Speech- (3-credits)
 Math: Math 60 Beginning Algebra I or Higher (5-credits)
 Human Relations: PSYC 101 pr PSYC 201 and MA 118 (3-credits)

REQUIRED COURSES (35 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BIOL 121	INTRO TO HUMAN ANATOMY & PHYSIOLOGY.....	5
- CS 101	COMPUTER FUNDAMENTALS I.....	4
- GSCI 161	MEDICAL TERMINOLOGY I.....	3
- GSCI 162	MEDICAL TERMINOLOGY II.....	3
- MA 112	INTRO TO MEDICAL ASSISTING.....	4
- MA 115	PHLEBOTOMY.....	2
- MA 116	INTRODUCTION TO MEDICATIONS.....	4
- MA 117	CLINICAL PROCEDURES.....	4
- MA 118	MEDICAL ASSISTANT EXTERNSHIP.....	5
- MA 119	EXTERNSHIP SEMINAR.....	1
Total number of credits.....		50

Natural Resources

ASSOC OF SCIENCE

Major code: 1125
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Marcus Nichols 541-881-5968

PROGRAM OVERVIEW

This is an Associate of Science degree designed to transfer on to a 4-year College or University. This degree has been specifically addressed with the University of Idaho, and College of Idaho. Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

If you plan on attending any 4-year school, after TVCC, please make sure you contact that school as early as possible while attending TVCC.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- This is an Associate of Science degree designed to transfer on to a 4-year College or University. Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

FOUNDATION SKILLS REQUIREMENTS (15 CREDITS)

Writing: WR 121 and WR 122 English Comp (8-credits)
 Oral Communications: SP 111 Fundamentals of Speech (3-credits)
 Math: MATH 111 College Algebra or Higher (4-credits)

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters = 6
 Social Science = 6
 Science (lab science only) = 12

CULTURAL LITERACY REQUIREMENTS

One course, selected from the Cultural Literacy list (min. 3-credits)

REQUIRED COURSES (48 CREDITS)

Please refer to Advising Worksheet and/or degree planner

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- FWR 101	NATURAL RESOURCES SEMINAR.....	1
- GEOG 265	GEOGRAPHIC INFO SYSTEMS (GIS) I.....	4
- NATR 103	APPLIED BOTANY.....	3
- NATR 105	FIELD METHODS IN NATURAL RESOURCES.....	3
- NATR 111	INTRO TO NATURAL RESOURCES.....	5
- NATR 140	MAP USE AND ANALYSIS.....	4
- NATR 217	INTRO TO WATERSHED MANAGEMENT.....	3
- NATR 221	INTRO TO NATURAL RESOURCE ECOLOGY.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- NATR 201	ENVIRONMENT & SOCIETY.....	3
- CSS 240	INTRO TO NOXIOUS WEEDS.....	3
- FOR 111	INTRODUCTION TO FORESTRY.....	3
- NATR 106	INTRO TO FIRE EFFECTS.....	3
- NATR 241	INTRO TO RANGE MANAGEMENT.....	4
- NATR 251	OUTDOOR RECREATION MANAGEMENT.....	3
- NATR 252	WILDLIFE MANAGEMENT.....	3

Total number of credits..... 90

ELECTIVES (3 CREDITS)

Electives

Natural Resources

ASSOC OF APPLIED SCIENCE

Major code: 2181
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Marcus Nichols 541-881-5968

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 for transfer to a four-year institution, although some coursework may be 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.

LEARNING OUTCOMES

Students who complete this area of study 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.

DUAL CREDIT (2+2)

Students will receive credit for Ag & Natural Resources classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulated on 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, 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.

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RELATED EDUCATIONAL 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- SP 111	- FUNDAMENTALS OF SPEECH or SP 219 - SMALL GROUP DISCUSSION.....	3
- INED 157	EMPLOYMENT STRATEGIES.....	2
- MATH 063	TECHNICAL MATH I.....	4
- PSYC 101	PSYCHOLOGY OF HUMAN RELATIONS.....	3
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (77 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CS 101	COMPUTER FUNDAMENTALS I.....	4
- CSS 217	PESTICIDE SAFETY AND USE.....	1
- CSS 240	INTRO TO NOXIOUS WEEDS.....	3
- FWR 101	NATURAL RESOURCES SEMINAR.....	1
- NATR 101	INTRO TO WILDLAND FIRE (FFT2).....	3
- NATR 103	APPLIED BOTANY.....	3
- NATR 105	FIELD METHODS IN NATURAL RESOURCES.....	3
- NATR 111	INTRO TO NATURAL RESOURCES.....	5
- NATR 112	GLOBAL POSITIONING SYSTEMS (GPS).....	2
- NATR 140	MAP USE AND ANALYSIS.....	4
- NATR 221	INTRO TO NATURAL RESOURCE ECOLOGY.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- NATR 280	- COOPERATIVE WORK EXPERIENCE.....	6
- CSS 205	GENERAL SOILS.....	3
- FOR 111	INTRODUCTION TO FORESTRY.....	3
- GEOG 265	GEOGRAPHIC INFO SYSTEMS (GIS) I.....	4
- HPE 120	FIRST AID & CPR.....	2
- NATR 102	L-280 FOLLOWERSHIP TO LEADERSHIP.....	2
- NATR 104	S-290 INTERMEDIATE FIRE BEHAVIOR.....	3
- NATR 106	INTRO TO FIRE EFFECTS.....	3
- NATR 201	ENVIRONMENT & SOCIETY.....	3
- NATR 202	S-212 WILDLAND FIRE CHAIN SAWS.....	3
- NATR 217	INTRO TO WATERSHED MANAGEMENT.....	3
- NATR 241	INTRO TO RANGE MANAGEMENT.....	4
- NATR 251	OUTDOOR RECREATION MANAGEMENT.....	3
- NATR 252	WILDLIFE MANAGEMENT.....	3

Total number of credits..... 93

Natural Resources-Environmental Science Technician

CERTIFICATE (ONE YEAR)

Major code: 3181
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Marcus Nichols 541-881-5968

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.

DUAL CREDIT (2+2)

Students will receive credit for Ag & Natural Resources classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulated on 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, 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 EDUCATIONAL 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- SP 111	FUNDAMENTALS OF SPEECH or SP 219 SMALL GROUP DISCUSSION.....	3
- INED 157	EMPLOYMENT STRATEGIES.....	2
- MATH 063	TECHNICAL MATH I.....	4
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (18 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- NATR 280	Cooperative Work Experience.....	3
- FOR 111	INTRODUCTION TO FORESTRY.....	3
- FWR 101	NATURAL RESOURCES SEMINAR.....	1
- NATR 105	FIELD METHODS IN NATURAL RESOURCES.....	3
- NATR 111	INTRO TO NATURAL RESOURCES.....	5
- NATR 221	INTRO TO NATURAL RESOURCE ECOLOGY.....	3

Total number of credits..... 48

ELECTIVES (17 CREDITS)

There is a specific list of electives you must choose from. Please see an advisor.

Nursing (RN)

ASSOC OF APPLIED SCIENCE

Major code: 2160

Department: Nursing

Chair: Jill Humble

PROGRAM OVERVIEW

TVCC is a member of the Oregon Consortium Nursing Education(OCNE), which allows TVCC nursing students the option of completing a Bachelor's degree in Nursing at Oregon Health Science University after successfully completing two years in the TVCC Nursing Program. Acceptance into the nursing program, allows for co-admission to TVCC and OHSU School of Nursing. The OCNE Curriculum is designed as a four-year course of study. The first year is devoted to completing pre-admissions requisites and/or preprogram courses (45 cr total with a minimum of 37 cr) required for admission to the restricted nursing program at TVCC. The 2nd & 3rd year of study is comprised of six terms, allowing students to complete the Associate of Applied Science and be eligible to take the NCLEX-RN licensing exam. Licensure is granted through the Oregon State Board of Nursing. After licensure, students can continue to the OHSU RN-BS program. Students may also elect to forgo licensure and continue their 4th year in OHSU leading to a Bachelor's of Science Degree (BS,N) from OHSU and at that point eligible to take the NCLEX-RN licensing examination. The AAS Nursing Programs is approved by the Oregon State Board of Nursing, Oregon State Department of Education. TVCC is regionally accredited by Northwest Regional Accreditation Association for Higher Education. TVCC Nursing Program has national accreditation with the Accreditation Commission for Education in Nursing (ACEN).

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LEARNING OUTCOMES

A competent nurse:

- bases personal and professional actions on a set of shared core nursing values.
- uses reflection, self-analysis and self-care to develop insight.
- engages in intentional learning.
- demonstrates leadership in nursing and healthcare.
- collaborates as part of a health care team.
- practices within, utilizes and contributes to the broader health care system.
- practices relationship-centered care.
- communicates effectively.
- makes sound clinical judgments.
- uses the best available evidence.

ENTRY REQUIREMENTS

Application will be accepted once per year for fall entry. TVCC's nursing program has a two phase application process, minimum eligibility requirements must be met in order to apply. The first phase is based upon points and all prerequisite/preparatory courses must have been taken with a letter grade and completed with a "C" or better. Upon successful completion of the first phase, a selected number of students will be asked to compete in the 2nd phase of the application process, an essay and interview. Consortium partner schools will use shared standards in the point system and a set of core criteria for evaluation and selection of candidates to the consortium curriculum. However, TVCC's nursing program selection committee will determine selection processes, acceptance decisions, and admissions to TVCC's nursing program. Application to TVCC's nursing program requires a minimum GPA of 3.0 for all completed prerequisite/preparatory courses. All admitted students must pass a criminal background check, urine drug screening analysis, and physical examination prior to entering the program.

GRADUATION REQUIREMENTS

Students must complete all nursing courses with a "C" or better to continue in and complete the program and graduate with an AAS in Nursing to meet the educational requirements to apply to take the National Licensure Examination (NCLEX-RN). The Oregon State Board of Nursing (OSBN) screens all applicants for licensure and may deny licensure to or place on probation applicants with convictions for certain crimes. Licensure applications with a history of chemical dependence will be required to have a drug and alcohol counselor assessment.

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REQUIRED COURSES (108 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

Treasure Valley Community College

Degree Descriptions

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- BIOL 101	(pre-req. for BIOL 231 at TVCC).....	4
- CHEM 104	- SURVEY OF CHEMISTRY (HEALTH) - (pre-req. for BIOL 231 at TVCC).....	4
- BIOL 231	HUMAN ANATOMY & PHYSIOLOGY.....	4
- BIOL 232	HUMAN ANATOMY & PHYSIOLOGY.....	4
- BIOL 233	HUMAN ANATOMY & PHYSIOLOGY.....	4
- BIOL 234	MICROBIOLOGY.....	4
- FNUT 225	NUTRITION.....	4
- MATH 095	INTERMEDIATE ALGEBRA.....	5
- PSYC 201	GENERAL PSYCHOLOGY.....	3
- PSYC 237	SEASONS OF LIFE.....	4
- WR 121	ENGLISH COMPOSITION.....	4
- WR 122	ENGLISH COMPOSITION.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- NRS 110	FOUNDATIONS OF NURSING-HEALTH PROMO.....	9
- NRS 111	FOUND OF NURSING: CHRONIC ILLNESS I.....	6
- NRS 112	FOUND OF NURSING: ACUTE CARE I.....	6
- NRS 230	CLINICAL PHARMACOLOGY I.....	3
- NRS 231	CLINICAL PHARMACOLOGY II.....	3
- NRS 232	PATHOPHYSIOLOGICAL PROCESSES I.....	3
- NRS 233	PATHOPHYSIOLOGICAL PROCESSES II.....	3

YEAR 3

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- NRS 221	NURSING IN CHRONIC ILLNESS II.....	9
- NRS 222	NURSING IN ACUTE CARE II.....	9
- NRS 224	INTEGRATIVE PRACTICUM I.....	9

Total number of credits..... 108

OHSU REQUIREMENTS:

Approved 3-4 credit computer science class, CS 101 w/lab or above (or documented computer proficiency to enter OHSU)

Any college-level (100-200 numbered) transferable non-studio humanities (to complete BSN with OHSU)

Classes that must be completed by application deadline to be eligible. The remaining prerequisite/preparatory courses must be completed before completions of the nursing program to be eligible for graduation with an AAS degree.

If CS101 was completed within the last 10 years, it is not necessary to take CS101; if computer proficiency is documented.

Students who plan to continue through to OHSU must be aware that to earn the bachelor's degree from OHSU, they must have two years of the same high school-level language, or two terms of college-level language, or pass a language proficiency examination. College-level foreign language (including American Sign Language) credits count toward degree requirements. A minimum of 9 credits of humanities is required for the OHSU degree.

Students planning to earn a bachelor's degree are encouraged to complete MATH243 Probability and Statistics.

Upon completion of the nursing program as described above, the student is eligible to write the National Council Licensing Examination for Registered Nursing (NCLEX-RUN).

Ranch Management

ASSOC OF APPLIED SCIENCE

Major code: 2170
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Sandra Porter 541-881-5969

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 animals.

This degree is designed for students wishing to directly enter the workforce. It is not designed for transfer to a four-year institution, although some coursework may be 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.

LEARNING OUTCOMES

Students who complete this area of study 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.

DUAL CREDIT (2+2)

Students will receive credit for Ag & Natural Resources classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulated on 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.

RELATED EDUCATIONAL REQUIREMENTS (13 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- INED 157	EMPLOYMENT STRATEGIES.....	2
- MATH 063	TECHNICAL MATH I.....	4
- PSYC 101	PSYCHOLOGY OF HUMAN RELATIONS.....	3
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (77 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

Treasure Valley Community College

Degree Descriptions

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AET 212	Ag Safety Mngmnt OR INED 212 Industrial Safety.....	3
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- ANS 200	LIVESTOCK SKILLS.....	3
- ANS 210	FEED AND RATION FORMULATION.....	3
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- ANS 215	BEEF/DAIRY CATTLE PRODUCTION.....	3
- ANS 216	BEEF PREGNANCY TESTING.....	3
- ANS 217	ARTIFICIAL INSEMINATION.....	3
- ANS 231	INTRO TO LIVESTOCK EVALUATION.....	3
- ANS 240	INTRO TO ULTRASOUND TECHNOLOGY.....	2
- AREC 221	MARKETING IN AGRICULTURE.....	3
- HPE 120	FIRST AID & CPR.....	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 280	AGRICULTURE COOP WORK EXP.....	3
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- ANS 205	FOOD ANIMAL HEALTH & DISEASE.....	2
- ANS 224	PUREBRED HERD IMPROVEMENT.....	2
- ANS 250	INTRO TO MEAT SCIENCE.....	3
- ANS 278	PRINCIPLES OF ANIMAL BREEDING.....	3
- AREC 201	AGRICULTURE ACCOUNTING.....	3
- AREC 210	FARM BUSINESS MANAGEMENT.....	3
- AREC 211	MANAGEMENT IN AGRICULTURE.....	4
- CSS 205	GENERAL SOILS.....	3
- CSS 210	FORAGE PRODUCTION.....	3
- CSS 240	INTRO TO NOXIOUS WEEDS.....	3
- NATR 241	INTRO TO RANGE MANAGEMENT.....	4

Total number of credits.....93

ELECTIVES (3 CREDITS)

Consult an advisor for suggested courses.

Rangeland Management

ASSOC OF SCIENCE

Major code: 1270
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Marcus Nichols 541-881-5968

PROGRAM OVERVIEW

This is an Associate of Science degree designed to transfer on to a 4-year College or University. This degree has been specifically addressed with the University of Idaho, and College of Idaho.
 Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.
 If you plan on attending any 4-year school, after TVCC, please make sure you contact that school as early as possible while attending TVCC.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- This is an Associate of Science degree designed to transfer on to a 4-year College or University. Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

FOUNDATION SKILLS REQUIREMENTS (15 CREDITS)

Writing: WR 121 and WR 122 English Comp (8-credits)
 Oral Communications: SP 111 Fundamentals of Speech (3-credits)
 Math: MATH 111 College Algebra or Higher (4-credits)

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters = 6
 Social Science = 6
 Science (lab Science only) = 12

CULTURAL LITERACY REQUIREMENTS

One course, selected from the Cultural Literacy list (min. 3-credits)

REQUIRED COURSES (49 CREDITS)

Please see an Advising Worksheet and/or Degree Planner

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CSS 205	GENERAL SOILS.....	3
- FWR 101	NATURAL RESOURCES SEMINAR.....	1
- GEOG 265	GEOGRAPHIC INFO SYSTEMS (GIS) I.....	4
- NATR 103	APPLIED BOTANY.....	3
- NATR 111	INTRO TO NATURAL RESOURCES.....	5
- NATR 140	MAP USE AND ANALYSIS.....	4
- NATR 217	INTRO TO WATERSHED MANAGEMENT.....	3
- NATR 221	INTRO TO NATURAL RESOURCE ECOLOGY.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- ANS 121	INTRO TO ANIMAL SCIENCE.....	4
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- CSS 240	INTRO TO NOXIOUS WEEDS.....	3
- FOR 111	INTRODUCTION TO FORESTRY.....	3
- NATR 106	INTRO TO FIRE EFFECTS.....	3
- NATR 241	INTRO TO RANGE MANAGEMENT.....	4
- NATR 252	WILDLIFE MANAGEMENT.....	3

Total number of credits..... 90

ELECTIVES (2 CREDITS)

Electives

Soil Science

ASSOC OF SCIENCE

Major code: 1016
Department: Career and Technical Ed
Chair: David M Koehler
Advising: Sandra Porter 541-881-5969

PROGRAM OVERVIEW

This is an Associate of Science degree designed to transfer on to a 4-year College or University. TVCC has worked closely with the University of Idaho and Oregon State University to align to these University requirements. Please work with TVCC advisors and transfer university advisors to select elective courses that best fit your transfer institution. If you plan to transfer to another College or University, please make immediate contact with an advisor at that College or University.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- This is an Associate of Science degree designed to transfer on to a 4-year College or University. Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

FOUNDATION SKILLS REQUIREMENTS (16 CREDITS)

Writing: WR 121 and WR 122 English Comp (8-credits)
 Oral Communications: SP 111 Fundamentals of Speech (3-credits)
 Math: MATH 111 College Algebra or Higher (4-credits)

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters - 6 credits
 Social Science - 6 Credits
 Science (any Life or Physical Science w/lab) - 12 credits

CULTURAL LITERACY REQUIREMENTS

One course, selected from the Cultural Literacy list (min. 3-credits)

REQUIRED COURSES (30 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 111	AGRICULTURE COMPUTERS.....	3
- AG 207	AGRICULTURE SEMINAR.....	1
- CSS 200	PRINCIPLES OF CROP SCIENCE.....	4
- CSS 205	GENERAL SOILS.....	3
- CSS 210	FORAGE PRODUCTION.....	3
- GEOG 265	GEOGRAPHIC INFO SYSTEMS (GIS) I.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 201	CURRENT ISSUES IN AGRICULTURE.....	2
- AG 215	IRRIGATION AND DRAINAGE.....	4
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- CSS 215	SOIL NUTRIENTS & FERTILIZER.....	3

Total number of credits..... 90

ELECTIVES (20 CREDITS)

Ag. Electives

Welding Industrial Technology

ASSOC OF APPLIED SCIENCE

Major code: 2211
Department: Industrial Manufacturing and Controls
Chair: Marcus Nichols
Advising: Justin Blazzard 541-881-5974

PROGRAM OVERVIEW

The Industrial Manufacturing and Control Systems AAS prepares students to work in a variety of automated electro-mechanical, product assembly, process control or product distribution industries that use programmable controls, instrumentation, troubleshooting and other methodologies to accomplish system management. Provides skills to define, integrate, install, program, maintain and operate complex control systems.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- Demonstrate proper safety procedures when performing minor troubleshooting repairs
- Devise maintenance routines for mechanical, hydraulic, and pneumatic systems.
- Employ appropriate diagnostic tools to troubleshoot, repair, and/or maintain production systems.
- Calculate total system amperage, voltage, and wattage.
- Connect motors, electrical connections and controllers to allow a Program Logic Controller (PLC) to properly operate a machine.
- Demonstrate correctly and perform periodic maintenance procedures.
- Troubleshoot system for errors or malfunctions.
- Apply correct procedures in setting up equipment to perform basic welds using OAW, SMAW, FCAW, and GTAW processes .

REQUIRED COURSES (90 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

COURSE #	COURSE TITLE	CREDITS
-	Electives.....	3
-	DRFT 112 GENERAL DRAFTING & SKETCHING WELDER.....	3
-	HDEV 112 FRESHMAN SEMINAR.....	1
-	INED 100 INTRO TO AUTOMATION/RENEWABLE.....	3
-	INED 101 INTRO TO BASIC TROUBLESHOOTING.....	3
-	INED 104 ELECT SYSTEMS TROUBLESHOOTING I.....	3
-	INED 167 CAD I 2D DRAWING.....	4
-	INED 212 INDUSTRIAL SAFETY & MANAGEMENT.....	3
-	WELD 102 PIPE WELDING.....	3
-	WELD 103 SHIELDED METAL ARC WELDING II.....	5
-	WELD 120 WELDING SYMBOLS & PRINT READING.....	3
-	WELD 150 BASIC WELDING I.....	5
-	WELD 160 BASIC WELDING II.....	5
-	WELD 296 WELDING FABRICATIONS PRACTICES.....	4

YEAR 2

COURSE #	COURSE TITLE	CREDITS
-	INED 156 - EMPLOYMENT STRATEGIES.....	1
-	Electives.....	2
-	Electives.....	3
-	BA 204 TEAMWORK DYNAMICS.....	3
-	HPE 120 FIRST AID & CPR.....	2
-	INED 103 MECHANICAL SYSTEMS.....	3
-	INED 113 BASIC HYDRAULICS.....	2
-	INED 114 BASIC PNEUMATICS.....	3
-	MATH 063 TECHNICAL MATH I.....	4
-	WELD 104 GAS METAL ARC WELDING.....	3
-	WELD 106 FLUX CORED ARC WELDING.....	3
-	WELD 190 WELDING CODES, PROCEDURE & INSPECT.....	5
-	WELD 297 WELDING FABRICATION PRACTICES II.....	2
-	WELD 298 WELDING FABRICATION PRACTICES III.....	2
-	WR 115 INTRO TO COLLEGE WRITING.....	4

Total number of credits..... 90

Welding Technology

CERTIFICATE (ONE YEAR)

Major code: 3130

Department: Career and Technical Ed

Chair: David M Koehler

Advising: David M Koehler 541-881-5583

PROGRAM OVERVIEW

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.

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.

DUAL CREDIT (2+2)

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

RELATED EDUCATIONAL REQUIREMENTS (12 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- PSYC 101	PSYCHOLOGY OF HUMAN RELATIONS or BA 204 - TEAMWORK DYNAMICS.....	3
- INED 156	EMPLOYMENT STRATEGIES.....	1
- MATH 063	TECHNICAL MATH I.....	4
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (40 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- AG 207	AGRICULTURE SEMINAR.....	1
- INED 212	INDUSTRIAL SAFETY & MANAGEMENT.....	3
- WELD 102	PIPE WELDING.....	3
- WELD 103	SHIELDED METAL ARC WELDING II.....	5
- WELD 104	GAS METAL ARC WELDING.....	3
- WELD 106	FLUX CORED ARC WELDING.....	3
- WELD 120	WELDING SYMBOLS & PRINT READING.....	3
- WELD 150	BASIC WELDING I.....	5
- WELD 160	BASIC WELDING II.....	5
- WELD 190	WELDING CODES, PROCEDURE & INSPECTI.....	5
- WELD 296	WELDING FABRICATIONS PRACTICES.....	4

Total number of credits.....52

Wildland Fire Management

ASSOC OF APPLIED SCIENCE

Major code: 2092
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Marcus Nichols 541-881-5968

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.

This degree is designed for students wishing to directly enter the workforce. It is not designed for transfer to a four-year institution, although some coursework may be 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.

LEARNING OUTCOMES

Students who complete the Wildland Fire Management Associate of Applied Science degree 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.

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.

RELATED EDUCATIONAL REQUIREMENTS (16 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- SP 111	FUNDAMENTAL SPEECH or SP 219 - SMALL GROUP DISCUSSION.....	3
- INED 157	EMPLOYMENT STRATEGIES.....	2
- MATH 063	TECHNICAL MATH I.....	4
- PSYC 101	PSYCHOLOGY OF HUMAN RELATIONS.....	3
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (76 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

Treasure Valley Community College

Degree Descriptions

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- CS 101	COMPUTER FUNDAMENTALS I.....	4
- CSS 240	INTRO TO NOXIOUS WEEDS.....	3
- FWR 101	NATURAL RESOURCES SEMINAR.....	1
- NATR 101	INTRO TO WILDLAND FIRE (FFT2).....	3
- NATR 105	FIELD METHODS IN NATURAL RESOURCES.....	3
- NATR 111	INTRO TO NATURAL RESOURCES.....	5
- NATR 112	GLOBAL POSITIONING SYSTEMS (GPS).....	2
- NATR 140	MAP USE AND ANALYSIS.....	4
- NATR 221	INTRO TO NATURAL RESOURCE ECOLOGY.....	3
- NATR 241	INTRO TO RANGE MANAGEMENT.....	4

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- NATR 280	COOPERATIVE WORK EXPERIENCE.....	6
- NATR 201	ENVIRONMENT & SOCIETY.....	3
- CSS 205	GENERAL SOILS.....	3
- FOR 111	INTRODUCTION TO FORESTRY.....	3
- GEOG 265	GEOGRAPHIC INFO SYSTEMS (GIS) I.....	4
- HPE 120	FIRST AID & CPR.....	2
- HPE 295	HEALTH & FITNESS FOR LIFE.....	3
- NATR 102	L-280 FOLLOWERSHIP TO LEADERSHIP.....	2
- NATR 103	APPLIED BOTANY.....	3
- NATR 104	S-290 INTERMEDIATE FIRE BEHAVIOR.....	3
- NATR 106	INTRO TO FIRE EFFECTS.....	3
- NATR 202	S-212 WILDLAND FIRE CHAIN SAWS.....	3
- NATR 217	INTRO TO WATERSHED MANAGEMENT.....	3
- NATR 252	WILDLIFE MANAGEMENT.....	3

Total number of credits..... 92

Wildland Fire Management-Wildland Fire

CERTIFICATE (ONE YEAR)

Major code: 3440
Department: Ag & Natural Resources
Chair: Marcus Nichols
Advising: Marcus Nichols 541-881-5968

PROGRAM OVERVIEW

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 EDUCATIONAL REQUIREMENTS (13 CREDITS)

All career and technical education 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 required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- SP 219	- SMALL GROUP DISCUSSION or SP 111 - FUNDAMENTALS OF SPEECH.....	3
- MATH 063	TECHNICAL MATH I.....	4
- NATR 102	L-280 FOLLOWERSHIP TO LEADERSHIP.....	2
- WR 115	INTRO TO COLLEGE WRITING.....	4

REQUIRED COURSES (34 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- NATR 280	Co-Op Work Experience.....	6
- FOR 111	INTRODUCTION TO FORESTRY.....	3
- FWR 101	NATURAL RESOURCES SEMINAR.....	1
- NATR 101	INTRO TO WILDLAND FIRE (FFT2).....	3
- NATR 105	FIELD METHODS IN NATURAL RESOURCES.....	3
- NATR 106	INTRO TO FIRE EFFECTS.....	3
- NATR 111	INTRO TO NATURAL RESOURCES.....	5
- NATR 112	GLOBAL POSITIONING SYSTEMS (GPS).....	2
- NATR 140	MAP USE AND ANALYSIS.....	4
- NATR 241	INTRO TO RANGE MANAGEMENT.....	4
Total number of credits.....		47

Wildlife Science

ASSOC OF SCIENCE

Major code: 1330

Department: Career and Technical Ed

Chair: David M Koehler

Advising: Marcus Nichols 541-881-5968

PROGRAM OVERVIEW

This is an Associate of Science degree designed to transfer on to a 4-year College or University. This degree has been specifically articulated with Oregon Institute of Technology, the University of Idaho, and College of Idaho.

Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school. If you are planning on attending another 4-year school, please ensure you contact that school, as early in your TVCC education program, as possible.

LEARNING OUTCOMES

Student who complete this area of study will be prepared to:

- This is an Associate of Science degree designed to transfer on to a 4-year College or University. Please contact the 4-year College or University and ensure that you have an advisor at both TVCC and your future school.

FOUNDATION SKILLS REQUIREMENTS (15 CREDITS)

Writing: WR 121 and WR 122 English Comp (8-credits)

Oral Communications: SP 111 Fundamentals of Speech (3-credits)

Math: MATH 111 College Algebra or Higher (4-credit)

DISTRIBUTION REQUIREMENTS (24 CREDITS)

Arts and Letters = 6

Social Science = 6

Science (Lab Science only) = 12

CULTURAL LITERACY REQUIREMENTS

One course, selected from the Cultural Literacy list (min. 3-credits)

REQUIRED COURSES (45 CREDITS)

Please use an Advising Worksheet and/or Degree Planner

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- FWR 101	NATURAL RESOURCES SEMINAR.....	1
- GEOG 265	GEOGRAPHIC INFO SYSTEMS (GIS) I.....	4
- NATR 103	APPLIED BOTANY.....	3
- NATR 105	FIELD METHODS IN NATURAL RESOURCES.....	3
- NATR 111	INTRO TO NATURAL RESOURCES.....	5
- NATR 140	MAP USE AND ANALYSIS.....	4
- NATR 201	ENVIRONMENT & SOCIETY.....	3
- NATR 217	INTRO TO WATERSHED MANAGEMENT.....	3
- NATR 221	INTRO TO NATURAL RESOURCE ECOLOGY.....	3

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
- ANS 211	APPLIED ANIMAL NUTRITION.....	3
- FOR 111	INTRODUCTION TO FORESTRY.....	3
- NATR 106	INTRO TO FIRE EFFECTS.....	3
- NATR 241	INTRO TO RANGE MANAGEMENT.....	4
- NATR 252	WILDLIFE MANAGEMENT.....	3

Total number of credits..... 90

ELECTIVES (6 CREDITS)

Electives

Course Descriptions

Ag Eng Tech

AET 211 (P/T) 3 Credits
ENGINEERING PROBLEMS

Quarters: Offered as needed

Utilizes practical math for solving problems in agriculture. Includes horse power, electricity, hydraulics, pumps, calibrations, chains, sprockets, belts and pulleys, and land measurement. Prerequisites: MATH 025 or suitable placement score.

AET 212 (P/T) 3 Credits
INDUSTRIAL SAFETY AND MANAGEMENT

Quarters: Fall, Spring

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

Quarters: Fall, Winter, Spring

Develops and builds shop safety techniques and skills through hands-on experience, covering power and hand tools, tool reconditioning, building construction, welding, fasteners, and farm safety. Lab required.

AET 222 (P/T) 3 Credits
INDUSTRIAL MACHINES

Quarters: Offered as needed

Covers 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.

Ag Resource Economics

AREC 201 (P/T) 3 Credits
AGRICULTURE ACCOUNTING

Quarters: Winter

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. Some sections may have a no-cost text book option.

AREC 210 (P/T) 3 Credits
FARM BUSINESS MANAGEMENT

Quarters: Fall, Winter, Spring

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

Quarters: Fall, Winter, Spring

Applies economic and business principles to the management of agri-business 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. Some sections may have a no-cost text book option.

AREC 221 3 Credits
MARKETING IN AGRICULTURE

Quarters: Spring

Presents organization and functions of domestic and international markets, market channels for various agricultural commodities, and roles of agri-business, cooperatives, and government in marketing decisions. Discusses, in full detail, the futures market and forward contracting.

AREC 281 (P/T) 3 Credits
GLOBAL AGRICULTURAL MARKETS

Quarters: Winter

Introduces economic and marketing principles in global agricultural markets. Analyzes impacts of foreign policy for exporting and importing countries on agricultural markets. Provides a base knowledge of WTO and GATT history/function in agricultural markets today.

AREC 296 (P/T) 4 Credits
PRODUCTION PROBLEMS

Quarters: Offered as needed

Project oriented course where students will select an agricultural area of focus to create a feasibility study or economic analysis. Currently published data and figures will be used to develop a report. Presentations will be given as a final for the course. Instructor approval required.

Agriculture

AG 111 (P/T) 3 Credits
AGRICULTURE COMPUTERS

Quarters: Fall, Winter, Spring

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 2 Credits
CURRENT ISSUES IN AGRICULTURE

Quarters: Spring

Examines current issues facing all sectors of agriculture. Investigates and considers opposing viewpoints of a variety of groups through guest speakers, seminars, email contact, written and oral presentations. Some sections may have a low-cost text book option.

AG 207 (P/T) 1 Credit
AGRICULTURE SEMINAR

Quarters: Fall

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 AND CONSTRUCTION

Quarters: Offered as needed

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. Prerequisites: AG 111

Treasure Valley Community College

Course Descriptions

AG 212 (P/T) 3 Credits
ENGINE THEORY AND OPERATION
Quarters: Offered as needed
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.
Prerequisites: AET 221 recommended.

AG 215 (P/T) 4 Credits
IRRIGATION AND DRAINAGE
Quarters: Spring
Instructs students 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
Quarters: Fall, Winter, Spring
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.

AG 279 (P/T) 6 Credits
AGRICULTURE INTERNSHIP
Quarters: Offered as needed
Supervised work and learning experience in private, public, business, or government organizations related to the agriculture industry. The internship provides an extension of the classroom learning and includes the opportunity to apply substantial knowledge and skills gain in the academic setting in a supervised, professional work environment. Learn and develop skill outside the classroom. Explore a career field or prepare for a chosen career field through a work experience opportunity. The internship includes a collaborative team consisting of the student, faculty supervisor (course instructor), and a field site supervisor who develop acceptable learning objectives, experiences, and evaluation procedures which enable the student to work in a professional/mentoring setting. Each credit is equivalent to 33 worksite hours. Instructor approval required.

AG 280 1 Credit
AGRICULTURE COOP WORK EXP
Quarters: Summer, Fall, Winter, Spring
Applies actual work experience in a ag-related technical field. An on-site supervisor evaluates and supervises the work experience student. Requires instructor approval of work setting and placement, and documentation of 36 worksite hours for each credit earned.

Animal Science

ANS 107 (P/T) 3 Credits
BASIC HOOF MAINTENANCE
Quarters: Fall
Teaches the basic fundamentals and procedure for shoeing a horse, including tools and safety issues.

ANS 108 (P/T) 3 Credits
ADVANCED HORSESHOEING
Quarters: Winter
Examines principles and techniques for properly trimming and shoeing the horse with conformation and/or disease problems.
Prerequisites: ANS 107.

ANS 121 4 Credits
INTRO TO ANIMAL SCIENCE
Quarters: Fall, Winter, Spring
Introduces animal science, offering a foundation in breeds, genetics, nutrition, marketing, management, ration formulation and facilities planning.

ANS 140 (P/T) 2 Credits
EQUINE PACKING AND HARNESS TRAINING
Quarters: Winter
Gain knowledge in preparing a horse to pack and properly train a horse to pull a wagon under harness. Some sections may have a low-cost text book option.

ANS 141 (P/T) 3 Credits
BASIC HALTER TRAINING
Quarters: Fall, Spring
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. Some sections may have a low-cost text book option.

ANS 142 (P/T) 4 Credits
GREEN BREAKING
Quarters: Winter
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. Some sections may have a low-cost text book option. Prerequisites: ANS 192.

ANS 143 (P/T) 3 Credits
ADVANCED HORSE TRAINING
Quarters: Winter
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. Prerequisites: ANS 142.

ANS 144 (P/T) 3 Credits
RANCH ROPING
Quarters: Winter, Spring
This course will cover the skills and knowledge needed to be safe, efficient and keep low stress on cows, horses and people when using a rope on the ranch.

ANS 145 (P/T) 3 Credits
INDUSTRY GREEN BREAKING
Quarters: Spring
Equips students to train a young horse for the public. Students will learn how to meet industry quality standards for setting the foundation on a horse. Some sections may have a low-cost text book option. Prerequisites: ANS 142

ANS 146 (P/T) 3 Credits
EQUINE TRAINING QUALITY ASSURANCE
Quarters: Winter, Spring
This course is designed to cover Training Quality Assurance industry quality standards and certifications for working on ranches where horsemanship, stockmanship and roping skills are required.

ANS 151 (P/T) 1 Credit
BUILDING AND STABLE MANAGEMENT
Quarters: Fall
Covers the practical application of designing and managing a stable for all ages of horses.

ANS 152 (P/T) 1 Credit
BUILDING AND STABLE MANAGEMENT II
Quarters: Winter
Covers the practical application of designing and managing a stable for all ages of horses.

ANS 153 (P/T) 1 Credit
BUILDING AND STABLE MANAGEMENT
Quarters: Spring
Covers the practical application of designing and managing a stable for all ages of horses.

ANS 181 (P/T) 2 Credits
FUNDAMENTALS OF EQUESTRIAN SKILLS
Quarters: Fall
Teaches the basic fundamentals of horsemanship and safety issues when handling horses while saddling, bridling, mounting, dismounting and riding.

ANS 182 (P/T) 2 Credits
FUNDAMENTALS OF EQUESTRIAN SKILL II
Quarters: Winter
This course continues the basics of horsemanship skills needed in the riding and training of a versatile stock horse. Prerequisites: ANS 181

ANS 183 (P/T) 2 Credits
FUNDAMENTAL OF EQUESTRIAN SKILL III
Quarters: Spring
Teaches advanced skills needed in the riding and training of a versatile stock horse. This course will focus on the maneuvers and skills needed for ranch trail and reining that are needed for a versatile stock horse.

ANS 192 (P/T) 3 Credits
HORSEMANSHIP
Quarters: Fall
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.

ANS 200 (P/T) 3 Credits
LIVESTOCK SKILLS
Quarters: Fall
Presents the proper techniques of basic livestock skills, such as branding, implanting, and heat synchronization. Stresses livestock handling, sanitation, facility design, quality beef assurance, and personal safety. Includes skills demonstrated by a qualified veterinarian.

ANS 201 2 Credits
BEEF QUALITY ASSURANCE
Quarters: Offered as needed
Teaches state-of-art technology and trends in the beef industry to produce a competitive, safe, wholesome food source for consumers. Taught on a workshop basis with many industry expert presentations and local field trips.

ANS 205 (P/T) 2 Credits
FOOD ANIMAL HEALTH AND DISEASE
Quarters: Winter
Studies food animal (bovine, ovine and swine) physiology and health. Including nutritional, metabolic and reproductive disorders; as well as preventative measures and treatments available.

ANS 210 (P/T) 3 Credits
FEED AND RATION FORMULATION
Quarters: Spring
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. Prerequisites: ANS 121, ANS 211 preferred.

ANS 211 (P/T) 3 Credits
APPLIED ANIMAL NUTRITION
Quarters: Winter, Spring
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). Prerequisites: ANS 121 recommended.

ANS 215 (P/T) 3 Credits
BEEF/DAIRY CATTLE PRODUCTION
Quarters: Winter
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.

ANS 216 (P/T) 3 Credits
BEEF PREGNANCY TESTING
Quarters: Fall
Teaches proper techniques for checking beef cows for pregnancy. Discusses anatomy and physiology of cows, the estrus cycle, and a review of diseases associated with reproduction. Much of the class taught in the "field" under actual ranch conditions.

ANS 217 (P/T) 3 Credits
ARTIFICIAL INSEMINATION
Quarters: Spring
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.

ANS 220 (P/T) 3 Credits
INTRO TO HORSE PRODUCTION
Quarters: Fall
Introduces various breeds of horses and their characteristics, including 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 222 (P/T) 3 Credits
EQUINE HEALTH AND DISEASE
Quarters: Spring
Studies horse health and soundness, including in depth anatomy, diseases, nutrition, soundness or lameness issues, and the available treatments.

ANS 223 (P/T) 3 Credits
EQUINE BUSINESS AND MARKETING
Quarters: Winter
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.

Treasure Valley Community College

Course Descriptions

ANS 224 (P/T) 2 Credits
PUREBRED HERD IMPROVEMENT
Quarters: Spring

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 231 3 Credits
INTRO TO LIVESTOCK EVALUATION
Quarters: Fall

Covers, in depth, basic fundamentals of livestock evaluation and selection of cattle, sheep, swine and goats 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 232 (P/T) 2 Credits
INTERMEDIATE LIVESTOCK EVALUATION
Quarters: Offered as needed

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. Prerequisites: ANS 231

ANS 233 (P/T) 3 Credits
ADVANCED LIVESTOCK EVALUATION
Quarters: Offered as needed

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 234 3 Credits
LIVESTOCK JUDGING TEAM
Quarters: Offered as needed

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 240 (P/T) 2 Credits
INTRO TO ULTRASOUND TECHNOLOGY
Quarters: Winter, Spring

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 for scanning cattle, sheep, and hogs.

ANS 241 (P/T) 3 Credits
ADVANCED ULTRASOUND TECHNOLOGY
Quarters: Offered as needed

Reviews ultrasound terminology, machine operations, preparing the animal for scanning, and proper procedures 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. Prerequisites: ANS 240.

ANS 250 3 Credits
INTRO TO MEAT SCIENCE
Quarters: Winter

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 AND STABLE MANAGEMENT
Quarters: Offered as needed

Covers the practical application of designing and managing a stable for all ages of horses.

ANS 277 (P/T) 2 Credits
EQUINE REPRODUCTION
Quarters: Spring

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
Quarters: Fall

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) 3 Credits
COW CUTTING
Quarters: Winter

Introduces horse and rider to the fundamentals of training and competing on a cutting horse. Prerequisites: ANS 192.

ANS 295 (P/T) 3 Credits
REINING
Quarters: Spring

Introduces horse and rider to the fundamentals of training and competing on a reining horse. Includes working experience in the arena. Prerequisites: ANS 192.

ANS 297 (P/T) 3 Credits
WORKING COW-HORSE
Quarters: Fall

Prepares a student to train a horse for all aspects of ranching, including cattle sorting, gate work, packing, and roping. Prerequisites: ANS 192.

ANS 298 (P/T) 3 Credits
ARENA HORSE SKILLS
Quarters: Spring

This course teaches students to safely and effectively introduce and develop timed event skills in a young horse for market. Some sections may have a low-cost text book option. Prerequisites: ANS 297 or instructor approval.

Anthropology

ANTH 110 3 Credits
INTRO TO CULTURAL ANTHROPOLOGY
Quarters: Summer, Winter, Spring

Studies the diverse cultures of the modern world, emphasizing the role of culture in human behavior and social structure.

Art Studies

ART 101 3 Credits

INTRO TO VISUAL ARTS

Quarters: Summer, Fall, Winter, Spring

Introduces many facets of art, including an overview of major art movements throughout history, the formal elements of art, various art media, art criticism, explore complex culturally based assumptions that influence the artist and his or her art work, and exercises designed to build perceptual skills. Includes lectures illustrated with slides, power points and audio lectures in Black Board as well as an Art Gallery visitation.

ART 115 3 Credits

BASIC DESIGN

Quarters: Offered as needed

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

Quarters: Offered as needed

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. Prerequisites: ART 115 with a C- or better.

ART 117 3 Credits

BASIC DESIGN

Quarters: Offered as needed

An introduction to the 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 their designs using a 3-D sculpture format. Prerequisites: ART 116 with a C- or better.

ART 131 3 Credits

BEGINNING DRAWING

Quarters: Summer, Fall, Winter, Spring

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. Some sections may have a low-cost or no-cost text book option.

ART 132 3 Credits

INTERMEDIATE DRAWING

Quarters: Summer, Fall, Winter, Spring

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 (ink, color pencil and pastels). Some sections may have a low-cost or no-cost text book option. Prerequisites: ART 131.

ART 133 3 Credits

ADVANCED DRAWING

Quarters: Summer, Fall, Winter, Spring

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 (ink, color pencil and pastels). Some sections may have a low-cost or no-cost text book option. Prerequisites: ART 132.

ART 151 3 Credits

VIDEO PRODUCTION I

Quarters: Fall, Winter, Spring

Introduces elementary concepts of video production including digital video camera operation, digital non-linear editing, and pre-production planning. Students are taught basic camera techniques, pre-production, and production practices through hands-on learning to develop basic field video skills. Focus is on individual creativity, as well as the importance of teamwork and deadlines. Projects are produced in the context of learning the theory and practice of pictorial continuity as it applies to multimedia productions. Some sections may have a no-cost text book option.

ART 181 3 Credits

BEGINNING PAINTING

Quarters: Summer, Fall, Spring

This course introduces beginning level skills and ideas when learning to paint. Techniques to achieve painted surfaces will be explored and a variety of painting medias will be introduced. Some sections may have a low-cost text book option.

ART 182 3 Credits

INTERMEDIATE PAINTING

Quarters: Summer, Fall, Spring

The course continues and expands on intermediate ability skills and ideas when learning to paint. Techniques to achieve painterly surfaces continue to be explored. Intermediate techniques using a variety of painting media will be applied. Some sections may have a low-cost text book option. Prerequisites: Art 181

ART 183 3 Credits

ADVANCE PAINTING

Quarters: Summer, Spring

This course continues to expand skills and ideas to an advanced level when learning to paint. Introduction to the technical properties and handling of oil painting as well as related formal and conceptual problems. Learning the art of color mixing, creating 3-dimensional form and space, and surface texture which includes the development of individual style, and the study of contemporary art. Some sections may have a low-cost text book option. Prerequisites: ART 181, 182

ART 199 1 Credit

SPECIAL STUDIES

Quarters: Summer, Fall, Winter, Spring

Presents selected topics of study in art offered on a temporary and experimental basis. Some sections may have a low-cost or no-cost text book option.

ART 204 3 Credits

HISTORY OF WESTERN ART/ANCIENT

Quarters: Fall

Presents art from 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.

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Course Descriptions

ART 205 3 Credits
HISTORY OF WESTERN ART/RENAISSANCE
Quarters: Winter
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
Quarters: Spring
Presents art from Rococo, Romantic, 19th century, and the 20th century periods.

ART 253 3 Credits
CERAMICS I
Quarters: Fall, Winter, Spring
Introduces the history of contemporary ceramics, including materials, methods, and techniques. Stresses both wheel thrown and hand built ceramic construction. Includes gallery visitation. Some sections may have a low-cost or no-cost text book option.

ART 254 3 Credits
CERAMICS II
Quarters: Fall, Winter, Spring
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. Some sections may have a low-cost or no-cost text book option.

ART 255 3 Credits
CERAMICS III
Quarters: Fall, Winter, Spring
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. Some sections may have a low-cost or no-cost text book option.

ART 256 3 Credits
CERAMICS IV (RAKU)
Quarters: Offered as needed
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
Quarters: Fall, Winter, Spring
Introduces black and white photography focusing on camera handling, camera functions, film processing, printing, editing and composition and editing. Some sections may have a no-cost text book option.

ART 265 3 Credits
BEGINNING DIGITAL PHOTOGRAPHY
Quarters: Summer, Fall, Winter, Spring
Introduces digital photography focusing on camera handling, camera functions, capturing images, composition and editing. This will also introduce the image adjusting software Adobe Photoshop Elements. Basic manipulation of images and presentation of projects will be stressed. Course Note: "This certification mark recognizes that this course met Quality Matters Review Standards" Some sections may have a no-cost text book option.

ART 266 3 Credits
INTERMEDIATE DIGITAL PHOTOGRAPHY
Quarters: Summer, Fall, Winter, Spring
Continues to explore and investigate the digital camera and it's many functions. The class will continue to stress composition, lighting and presentation. It involves more complex Photoshop tools and computer skills. Some sections may have a no-cost text book option. Prerequisites: ART 265 or ART 261

Aviation

AV 101 (P/T) 3 Credits
INTRODUCTION TO AVIATION
Quarters: Fall, Spring
This course introduces the student to Federal Aviation Regulations/Aeronautical Information Manual (FAR/AIM as well as provides a brief history of aviation. Designed to build an understanding of the pilot credentials required for careers in aviation and help students explore various career options within the helicopter and airplane industry. A number of employment opportunities are investigated, including commercial, business, corporate, military and general aviation-related occupations.

AV 104 (P/T) 3 Credits
INTRODUCTION TO AIRCRAFT SYSTEMS
Quarters: Summer, Winter
This course introduces the student to the training aircraft used in general aviation, and will look in detail at those aircraft used in this program. Aircraft in current use for the training by the industry will be studied and emphasis placed on basic aircraft system operations, airworthiness issues, ground handling, and pre-flight inspections.

AV 105 (P/T) 3 Credits
INTRO TO AIRPLANE SYSTEMS
Quarters: Fall, Spring
Introduces the student to training aircraft used in general aviation, and will look in detail at aircraft used in this program. Aircraft in current use for the training by industry will be studied and emphasis placed on basic aircraft system operations, airworthiness issues, ground handling, and pre-flight inspections.

AV 110 (P/T) 3 Credits
GROUND-PRIVATE-AIRPLANE
Quarters: Fall, Spring
This aircraft covers the fundamentals of flight, flight operations, aviation weather, aircraft performance, navigation, aircraft systems, aeronautical publications, FAA recalculations, flight planning, radio procedures, meteorology and human factors. This is a comprehensive course that prepares the student for the FAA Private Pilot Airman knowledge test.

AV 111 (P/T) 3 Credits
GROUND-PRIVATE (ADV) -AIRPLANE
Quarters: Summer, Winter
This course covers more advanced fundamentals of flight, flight operations, aviation weather, aircraft performance, navigation, aircraft systems, aeronautical publications, FAA regulations, flight planning, radio procedures, and human factors. This is a comprehensive course that prepares the student for the FAA Private Pilot Airman knowledge and practical test. Prerequisites: AV 110

AV 112 (P/T) 1 Credit
GROUND-PRIVATE (SIMULATOR) AIRPLANE
Quarters: Summer, Winter
This course introduces the student to basic airplane operations prior to in-flight training. The Basic Aviation Training Device simulation is designed to train with realistic scenarios involving takeoffs and landings, stalls, upset recognition and recovery techniques, and ground reference maneuvers. This is part of a comprehensive course that prepares the student for the FAA Private Pilot practical flight test. Course Note: Includes 5 flight, 5 ground hours

AV 115 (P/T) 3 Credits
GROUND-PRIVATE-HELICOPTER
Quarters: Fall, Spring
This course covers the fundamentals of helicopter flight, flight operations, aviation weather, aircraft performance, navigation, aircraft systems, aeronautical publications, FAA regulations, flight planning, radio procedures, meteorology, and human factors. This is a comprehensive course that prepares the student for the FAA Private Pilot airman knowledge test.

AV 116 (P/T) 2 Credits
GROUND-PRIVATE (ADV)- HELICOPTER
Quarters: Summer, Winter
This course covers the fundamentals of helicopter flight, flight operations, aviation weather, aircraft performance, navigation, aircraft systems, aeronautical publications, FAA regulations, flight planning, radio procedures, meteorology, and human factors. This is a comprehensive course that prepares the student for the FAA Private Pilot airman knowledge and Practical test. Prerequisites: AV 115

AV 120 (P/T) 4 Credits
INTRO TO AVIATION SAFETY MGT SYSTEM
Quarters: Summer, Winter
This course introduces the student to Aviation Safety Management Systems (ASMS) as defined by the International Civil Aviation Organization. The student will review U.S. Federal Aviation Administration Advisory Circular AC120-92 guiding ASMS in commercial aviation operations. A comprehensive review of the four components of Policy, Risk Management, Safety Assurance, and Safety Promotion will build a foundational understanding of SMS for aviation operations.

AV 121 (P/T) 3 Credits
RISK MANAGEMENT-AVIATION SMS
Quarters: Fall, Spring
This course covers fundamentals of Aviation Risk Management. Students will comprehend risk management process that may be applied during the major levels of flight operations including Operational Risk Management (ORM), and Strategic Risk Management for corporate planning. Some sections may have a low-cost text book option. Prerequisites: AV 120

AV 122 (P/T) 3 Credits
ASMS-QUALITY ASSURANCE
Quarters: Summer, Winter
Prepares the student to apply Quality Assurance principles to aviation safety systems. Students will study quality assurance and understand its applications for ASMS and continuous improvement. This course provides a comprehensive overview of the five components of assurance including system operation, data collection, assessment, and corrective action. Students will understand how program review and auditing enhance operational safety and efficiency. Prerequisites: AV 120

AV 123 (P/T) 3 Credits
AVIATION BUSINESS AND LEGAL ASPECTS
Quarters: Fall, Spring
This provides the student with a thorough overview of aviation business techniques that improve safety awareness. The lectures discuss how promoting safety improves the operational efficiency, enhances learning, and results in a highly reliable organization. Legal aspects and principles of a positive safety culture will be taught. Some sections may have a low-cost text book option. Prerequisites: AV 120

AV 124 (P/T) 3 Credits
AVIATION HUMAN FACTORS (AHF)
Quarters: Summer, Winter
AHF furthers the student understanding of flight physiology and airman psychology factors that have effects on individual airworthiness. Students will gain awareness of physical and mental indicators that may result in poor decision-making or incapacity in the flight environment. Subjects include discussions on the issues of self-medication, fatigue, physical fitness, and hazardous attitudes as they relate to pilot performance. Students demonstrate knowledge of FAA medical certificate requirements and relate medical standards to personal safety. Prerequisites: AV 120

AV 125 (P/T) 3 Credits
INTRO TO AVIATION ACCIDENT INVESTIG
Quarters: Fall, Spring
This course introduces the student to Aviation Accident Investigation responsibilities, techniques and processes. An understanding of the role a pilot plays in mishaps will prepare them to assist the NTSB and the FAA with their roles in mishap investigation and accident prevention. The development of abilities to recognize human error that leads to a mishap chain of event aids the student to avoid situations and enhance their career development. Prerequisites: AV 120

AV 208 (P/T) 4 Credits
METEOROLOGY II-WEATHER DECISION
Quarters: Summer, Winter
This course prepares the student to apply fundamental weather information to practical flight planning problems. This course focuses on weather factors that the Federal Aviation Administration identifies as key elements involved in controlled flight into terrain, (CFIT) types of accidents. This course will train aviation students on meteorology to ensure a practical knowledge of weather phenomena, including the principles of frontal systems, icing, fog, thunderstorms, and wind shear. The course emphasizes practical concepts and critical decision-making to enable students to retain and use the information in real world low-level operations, and to mitigate hazardous weather conditions such as thunderstorms or winter flight conditions. Prerequisites: AV 110 or GSCI 109

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Course Descriptions

AV 210 (P/T) 3 Credits
GROUND-INSTRUMENT AIRPLANE
Quarters: Summer, Winter

The instrument Ground School prepares students for the FAA instrument Knowledge test and an FAA instrument flight exam. The course includes an in-depth study of aircraft flight instruments, basic altitude instrument flying, IFR navigation systems and procedures, aviation weather, applicable Federal Aviation Regulations and the required instrument charts for IFR flight. Prerequisites: AV 110,

AV 211 (P/T) 3 Credits
ADV INSTRUMENT PILOT GROUND-AIRPLAN
Quarters: Fall, Spring

This course introduces the student to more advanced procedural tasks including maneuvering of an aircraft solely by reference to instruments, radio navigation procedures and emergency operations prior to in-flight training. The course is designed to train with realistic scenarios involving instrument departures and approach to landing, and use of navigation aids such as GPS, ILS, VOR, and ADF. This is part of a comprehensive course that prepares the student for the FAA Instrument Pilot practical flight test. Prerequisites: AV 210

AV 212 (P/T) 1 Credit
GROUND-INSTRUMENT SIMULATOR
Quarters: Summer, Winter

This course introduces the student to procedural tasks including maneuvering of an aircraft solely by reference to instruments, radio navigation procedures and emergency operations prior to in-flight training while using a classroom-based Aviation Training Device simulator. The simulator is designed to train with realistic scenarios involving instrument departures and approach to landing, and use of navigation aids such as GPS, ILS, VOR and ADF. This is part of a comprehensive course that prepares the student for the FAA Instrument Pilot practical flight test. Course Note: Includes 5 flight, 5 ground hours

AV 213 (P/T) 1 Credit
GROUND-INSTRUMENT AIRPLANE
Quarters: Fall, Spring

This course introduces the student to more advanced procedural tasks including maneuvering of an aircraft solely by reference to instruments, radio navigation procedures and emergency operations prior to in-flight training while using a classroom-based Aviation Training Device simulator. The simulator is designed to train with realistic scenarios involving instrument departures and approach to landing, and use of navigation aids such as GPS, ILS, VOR, and ADF. This is part of a comprehensive course that prepares the student for the FAA Instrument Pilot practical flight test. Some sections may have a no-cost text book option. Prerequisites: AV 210, AV 212 Course Note: Includes 5 flight, 5 ground hours

AV 215 (P/T) 3 Credits
GROUND-INSTRUMENT-HELICOPTER
Quarters: Fall, Spring

The Instrument rating Ground School for helicopter prepares students for the FAA Instrument knowledge test and an FAA Instrument Rating. This course includes an in-depth study of aircraft flight instruments, basic attitude instrument flying, IFR navigation systems and procedures, aviation weather, applicable Federal Aviation Regulations and the required instrument charts for IFR flight. Prerequisites: AV 115

AV 216 (P/T) 2 Credits
GROUND INSTRUMENT (ADV)- HELICOPTER
Quarters: Summer, Winter

The instrument rating ground school for helicopter prepares students for the FAA instrument knowledge test and an FAA instrument rating. Includes an in-depth study of aircraft flight instruments, basic altitude instrument flying, IFR navigation systems and procedures, aviation weather, applicable Federal Aviation Regulations and the required instrument charts for IFR flight. Prerequisites: AV 215

AV 220 (P/T) 4 Credits
GROUND-COMMERCIAL AIRPLANE
Quarters: Fall, Spring

This course covers the advanced aerodynamics of flight, flight operations, aviation weather, aircraft performance, navigation, aircraft systems, aeronautical publications, FAA regulations, flight-planning, radio procedures, meteorology, and human-factors. This is a comprehensive course that prepares the student for the FAA Commercial Pilot Airman Knowledge test. Prerequisites: AV 110

AV 225 (P/T) 4 Credits
GROUND-COMMERCIAL HELICOPTER
Quarters: Fall, Spring

Covers the advanced aerodynamics of helicopter flight, flight operations, aviation weather, aircraft performance, navigation, aircraft systems, aeronautical publications, FAA regulations, flight planning, radio procedures, meteorology, and human factors. This is a comprehensive course that prepares the student for the FAA Commercial Pilot airman knowledge test. Prerequisites: AV 115

AV 227 (P/T) 1 Credit
FLIGHT LAB PRIVATE-HELICOPTER
Quarters: Summer, Fall, Winter, Spring

The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The professional pilot course includes certification training for private pilot certification, commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become Certified Flight Instructors (CFI) and Certified Flight Instructors with the instrument (CFII) helicopter ratings. Some sections may have a no-cost text book option.

AV 228 (P/T) 1 Credit
FLIGHT LAB PRIVATE-HELICOPTER
Quarters: Summer, Fall, Winter, Spring

The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The Professional Pilot Course includes certification training for the commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become certified Flight Instructors (CFI) with the instrument (CFII) helicopter rating. Some sections may have a no-cost text book option.

AV 229 (P/T) 1 Credit
FLIGHT LAB PRIVATE-HELICOPTER
Quarters: Summer, Fall, Winter, Spring

The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The Professional Pilot Course includes certification training for the commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become certified Flight Instructors (CFI) with the instrument (CFII) helicopter rating. Some sections may have a no-cost text book option. Prerequisites: AV 228

AV 230 (P/T) 1 Credit
FLIGHT LAB INSTRUMENT-HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The professional Pilot Course includes certification training for the commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become certified Flight Instructors (CFI) with the instrument (CFII) helicopter rating. Prerequisites: Completion of AV 228 with a "C" or better and successfully pass FAA Private Pilot check ride.

AV 231 (P/T) 1 Credit
FLIGHT LAB INSTRUMENT-HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The professional pilot course includes certification training for private pilot certification, commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become Certified Flight Instructors (CFI) and Certified Flight Instructors with the instrument (CFII) helicopter ratings. Some sections may have a no-cost text book option.

AV 232 (P/T) 1 Credit
FLIGHT LAB COMMERCIAL-HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The professional pilot course includes certification training for private pilot certification, commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become Certified Flight Instructors (CFI) and Certified Flight Instructors with the instrument (CFII) helicopter ratings. Some sections may have a no-cost text book option.

AV 233 (P/T) 1 Credit
FLIGHT LAB COMMERCIAL-HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The professional pilot course includes certification training for private pilot certification, commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become Certified Flight Instructors (CFI) and Certified Flight Instructors with the instrument (CFII) helicopter ratings. Some sections may have a no-cost text book option.

AV 237 (P/T) 1 Credit
FLIGHT LAB COMMERCIAL-HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The Professional Pilot course includes certification training for the Commercial Pilot Certificate with instrument rating. Some sections may have a no-cost text book option. Prerequisites: AV 230 and 231

AV 245 (P/T) 3 Credits
ADVANCED OPERATIONS-HELICOPTER
Quarters: Fall, Spring
This is a classroom course that introduces students to the operations of turbine helicopters, mountain flying, and external load flying. The mountain flying phase will provide students with a working knowledge of operations in and around mountainous terrain. The external load phase covers basic flying skills with an external long line attached to the aircraft. The turbine phase will introduce students to unique operating characteristics of turbine engines. Prerequisites: AV 115

AV 255 (P/T) 3 Credits
CERTIFIED FLIGHT INSTRUCTOR GROUND
Quarters: Summer, Winter, Spring
The Certified Flight Instructor Ground teaches techniques of flight and ground instruction. The Fundamentals of Instruction (FOI) will emphasize how students learn, recognition of hazardous altitudes, and skill retention techniques. Students will learn how to effectively teach all material that is covered in Private, Instrument and Commercial ratings as prescribed by the FAA. This is a comprehensive course that prepares the student for the Fundamentals of Instruction, CFI Knowledge test and CFI Instrument Knowledge test for helicopter instruction. Prerequisites: AV 233, AV 225.

AV 258 (P/T) 3 Credits
CFI GROUND- AIRPLANE
Quarters: Fall, Winter, Spring
The Certified Flight Instructor Ground teaches techniques of flight and ground instruction. The Fundamentals of Instruction (FOI) will emphasize how students learn, recognition of hazardous altitudes, and skill retention techniques. Students will learn how to effectively teach all material that is covered in Private, Instrument and Commercial ratings as prescribed by the FAA. This is a comprehensive course that prepares the student for the Fundamentals of Instruction, CFI Knowledge test and CFI Instrument Knowledge test. The CFI ground course is for airplane instruction Prerequisites: AV 268

AV 262 (P/T) 1 Credit
FLIGHT LAB PRIVATE PILOT-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Student Pilot to basic flight maneuvers and procedures. This is part of a comprehensive course that prepares the student for the FAA Sport Pilot practical flight test and as the Some sections may have a no-cost text book option. prerequisite to taking the Private Pilot flight test. In addition, this course introduces more advanced flight maneuvers and procedures. The program is designed to train with realistic scenarios involving takeoffs and landings, stalls, upset recognition and recovery techniques, and ground reference maneuvers. This is part of a comprehensive course that prepares the student for the FAA Private Pilot practical flight test.

AV 263 (P/T) 1 Credit
FLIGHT LAB ADV PRIVATE-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Student Pilot to more advanced procedures for cross country flight planning and navigation. The program is designed to train with realistic scenarios involving takeoffs and landings, stalls, upset recognition and recovery techniques, and ground reference maneuvers. This is part of a comprehensive course that prepares the student for the FAA Private Pilot practical flight test. Some sections may have a no-cost text book option. Prerequisites: AV 262

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Course Descriptions

AV 264 (P/T) 1 Credit
FLIGHT LAB INSTRUMENT-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the student to procedural flight tasks focused on operating an aircraft solely by reference to instruments, radio navigation procedures and emergency operations during in-flight training. The flight lab is designed to train with realistic scenarios involving instrument departures and approach to landing, and use of navigation aids such as GPS, ILS, VOR, and ADF. This is part of a comprehensive course that prepares the student for the FAA Instrument Pilot practical flight test. Some sections may have a no-cost text book option.
Prerequisites: Private Pilot Certificate

AV 265 (P/T) 1 Credit
FLIGHT LAB INSTRUMENT-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the student to more advanced procedural flight tasks focused on operating an aircraft solely by reference to instruments, radio navigation procedures and emergency operations during in-flight training. The flight lab is designed to train with realistic scenarios involving instrument departures and approach to landing, and use of navigation aids such as GPS, ILS, VOR, and ADF. This is part of a comprehensive course that prepares the student for the FAA Instrument Pilot practical flight test. Some sections may have a no-cost text book option.
Prerequisites: AV 210, AV 264

AV 266 (P/T) 1 Credit
FLIGHT LAB COMMERCIAL-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Pilot to flight procedures for commercial maneuvers and cross country flight planning and navigation. The program is designed to train with realistic scenarios involving high performance takeoffs and landings, and advanced ground reference maneuvers. Various computations are used to determine center of gravity, weight, and balance for complex aircraft loading. This is part of a comprehensive course that prepares the student for the FAA Commercial Pilot practical flight test. *Pre-requisite Private Pilot Certificate Some sections may have a no-cost text book option.

AV 267 (P/T) 1 Credit
FLIGHT LAB COMMERCIAL PLT2-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Pilot to more advanced procedures for commercial maneuvers and cross country flight planning and navigation. The program is designed to train with realistic scenarios involving high performance takeoffs and landings, and advanced ground reference maneuvers. Various computations are used to determine center of gravity, weight, and balance for complex aircraft loading. This is part of a comprehensive course that prepares the student for the FAA Commercial Pilot practical flight test. Some sections may have a no-cost text book option.
Prerequisites: AV 266

AV 268 (P/T) 1 Credit
FLIGHT LAB COMMERCIAL-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Pilot to more advanced procedures for commercial maneuvers and cross country flight planning and navigation. The program is designed to train with realistic scenarios involving high performance takeoffs and landings, and advanced ground reference maneuvers. Various computations are used to determine center of gravity, weight, and balance for complex aircraft loading. This is part of a comprehensive course that prepares the student for the FAA Commercial Pilot practical flight test. Some sections may have a no-cost text book option.
Prerequisites: AV 267

AV 269 (P/T) 1 Credit
FLIGHT LAB COMMERCIAL-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Pilot to more advanced procedures for commercial maneuvers and cross country flight planning and navigation. The program is designed to train with realistic scenarios involving high performance takeoffs and landings, and advanced ground reference maneuvers. Various computations are used to determine center of gravity, weight, and balance for complex aircraft loading. This is part of a comprehensive course that prepares the student for the FAA Commercial Pilot practical flight test. Some sections may have a no-cost text book option.
Prerequisites: AV 268 *Pre-requisite Instrument Rating

AV 272 (P/T) 1 Credit
AIRPLANE FLIGHT LAB-COMPLEX AIRCRAF
Quarters: Summer, Fall, Winter, Spring
This course introduces the Pilot to more advanced procedures for commercial operations and complex aircraft. The program is designed to train with realistic scenarios involving complex aircraft takeoffs and landings, and advanced emergency maneuvers. Various computations are used to determine center of gravity, weight, and balance for complex aircraft loading. This is part of a comprehensive course that prepares the student for the FAA Commercial Pilot practical flight test. Prerequisites: AV 220

AV 278 (P/T) 1 Credit
FLIGHT LAB (ADV)-MULTI ENGINE
Quarters: Summer, Fall, Winter, Spring
This course introduces the pilot to multi-engine aircraft operation focused on commercial maneuvers and cross country flight planning and navigation. The program is designed to train with realistic scenarios involving high performance takeoffs and landings, and advanced ground reference maneuvers. Various computations are used to determine center of gravity, weight, and balance for complex aircraft loading. This is part of a comprehensive course that prepares the student for the FAA Multi-Engine Pilot practical flight test. Some sections may have a no-cost text book option. Prerequisites: AV 220

AV 282 (P/T) 1 Credit
FLIGHT LAB CFI- HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The Professional Pilot Course includes certification training for the commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become certified Flight instructors (CFI) with the instrument (CFII) helicopter rating. Some sections may have a no-cost text book option. Prerequisites: Completion of AV 233 with a grade of C or better and successfully pass FAA Commercial Pilot check ride

AV 283 (P/T) 1 Credit
FLIGHT LAB CFI-2-HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The Professional Pilot Course includes certification training for the commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become certified Flight instructors (CFI) with the instrument (CFII) helicopter rating. Some sections may have a no-cost text book option.

AV 284 (P/T) 1 Credit
FLIGHT LAB CFII-HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The Professional Pilot Course includes certification training for the commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become certified Flight instructors (CFI) with the instrument (CFII) helicopter rating. Some sections may have a no-cost text book option.

AV 285 (P/T) 1 Credit
FLIGHT LAB CFII-2-HELICOPTER
Quarters: Summer, Fall, Winter, Spring
The Professional Pilot flight labs provide ground and flight instruction for students desiring careers as professional pilots in the helicopter industry. The Professional Pilot Course includes certification training for the commercial pilot certificate with instrument rating. Professional Pilot students will be prepared to become certified Flight instructors (CFI) with the instrument (CFII) helicopter rating. Some sections may have a no-cost text book option.

AV 290 (P/T) 3 Credits
AVIATION CAPSTONE
Quarters: Summer, Winter
The aviation capstone is meant for students ready to graduate with all of their flight ratings and enter the job market. Students will learn how to write an effective aviation resume, present themselves as professionals in the field, and prepare for their first aviation job. Prerequisites: AV 220, AV 225

AV 292 (P/T) 1 Credit
FLIGHT LAB CFI-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Flight Instructor to procedural flight tasks focused on student instruction while operating an aircraft. The flight lab is designed to train the student how to instruct basic flight maneuvers with realistic scenarios. This is part of a comprehensive course that prepares the CFI for the FAA Flight Instructor practical flight test. Some sections may have a no-cost text book option. Prerequisites: Completion of AV 268 with a grade of "C" or better, and successfully pass FAA Commercial Pilot check ride.

AV 293 (P/T) 1 Credit
FLIGHT LAB CFI-2-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Flight Instructor to procedural flight tasks focused on student instruction while operating an aircraft. The flight lab is designed to train the student how to instruct basic flight maneuvers with realistic scenarios. This is part of a comprehensive course that prepares the CFI for the FAA Flight Instructor practical flight test. Some sections may have a no-cost text book option.

AV 294 (P/T) 1 Credit
FLIGHT LAB CFII-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Flight Instructor to procedural flight tasks focused on student instruction while operating an aircraft solely by reference to instruments, radio navigation procedures and emergency operations during inflight training. The flight lab is designed to train with realistic scenarios involving instrument departures and approach to landing, and use of navigation aids such as GPS, ILS, VOR, and ADF. This is part of a comprehensive course that prepares the CFI for the FAA Instrument Instructor practical flight test. Some sections may have a no-cost text book option.

AV 295 (P/T) 1 Credit
FLIGHT LAB CFII-2-AIRPLANE
Quarters: Summer, Fall, Winter, Spring
This course introduces the Flight Instructor to procedural flight tasks focused on student instruction while operating an aircraft solely by reference to instruments, radio navigation procedures and emergency operations during inflight training. The flight lab is designed to train with realistic scenarios involving instrument departures and approach to landing, and use of navigation aids such as GPS, ILS, VOR, and ADF. This is part of a comprehensive course that prepares the CFI for the FAA Instrument Instructor practical flight test. Some sections may have a no-cost text book option.

Biology

BIOL 101 4 Credits
GENERAL BIOLOGY
Quarters: Summer, Fall, Winter, Spring
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
Quarters: Winter
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
Quarters: Spring
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 AND FIELD BIOL
Quarters: Offered as needed
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
INTRO TO HUMAN ANATOMY AND PHYSIOLOGY
Quarters: Fall, Winter, Spring
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
Quarters: Fall
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
Quarters: Winter
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
Quarters: Spring
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 AND PHYSIOLOGY
Quarters: Summer, Fall, Winter
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 AND PHYSIOLOGY
Quarters: Summer, Winter, Spring
Studies the organization, structure, and function of the nervous, sensory, endocrine, and cardiovascular systems. Lab required. Prerequisites: BIOL 231

BIOL 233 4 Credits
HUMAN ANATOMY AND PHYSIOLOGY
Quarters: Fall, Spring
Studies respiratory, digestive, excretory, and reproductive systems. Lab required. Prerequisites: BIOL 231 or BIOL 232.

BIOL 234 4 Credits
MICROBIOLOGY
Quarters: Fall, Winter, Spring
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.

Business Administration

BA 101 4 Credits
INTRO TO BUSINESS
Quarters: Summer, Fall, Winter, Spring
Emphasizes business organization, operation, and management. Assists students interested in business determine their major field of concentration.

BA 104 (P/T) 4 Credits
BUSINESS MATH
Quarters: Fall, Spring
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. Prerequisites: MATH 60.

BA 131 4 Credits
INTRO TO BUSINESS COMPUTING
Quarters: Summer, Fall, Winter, Spring
Introduces computer concepts covering computer systems, software and hardware, networking, and databases. Students will complete assignments in Microsoft Office Professional computer applications, including Word, Excel, Access, Publisher and Powerpoint. Emphasizes basic understanding and competency in different applications and concepts.

BA 203 (P/T) 3 Credits
INTERNATIONAL BUSINESS
Quarters: Spring
Introduces business activities that cross national boundaries. Studies the concepts of international business: its theories and framework for analysis of international transactions.

BA 204 (P/T) 3 Credits
TEAMWORK DYNAMICS
Quarters: Summer, Fall, Winter, Spring
Introduces the formation, development, and management of groups. Examines problems and characteristics common to group situations and generates strategies for improving group productivity.

BA 206 3 Credits
PRINCIPLES OF MANAGEMENT
Quarters: Fall, Spring
Introduces the principles of management, concentrating on organizational structures, planning principles, organizing, leading, controlling, and management techniques.

BA 211 4 Credits
PRINCIPLES OF FINANCIAL ACCOUNTING
Quarters: Fall, Winter, Spring
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.

BA 213 4 Credits
PRINCIPLE OF MANAGERIAL ACCOUNTING
 Quarters: Summer, Fall, Winter, Spring
 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. Prerequisites: BA 211

BA 214 3 Credits
BUSINESS COMMUNICATION
 Quarters: Summer, Winter, Spring
 Applies written communication skills to writing and analyzing business letters, memos, emails, and short reports. Incorporates correct format, grammar, and punctuation. Prerequisites: WR 121

BA 215 (P/T) 3 Credits
COST ACCOUNTING
 Quarters: Offered as needed
 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.

BA 218 3 Credits
PERSONAL FINANCE
 Quarters: Fall, Winter, Spring
 Explores the role of the individual consumer in our economy, problems of financing family and individual needs, including budgeting, banking relationships, borrowing, insurance, risk management, real estate, investing, portfolio management, retirement and personal taxes. Basic financial measurement and calculations will be introduced. Some sections may have a low-cost text book option.

BA 223 3 Credits
PRINCIPLES OF MARKETING
 Quarters: Fall, Winter
 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.

BA 225 4 Credits
THE LEGAL ENVIRONMENT OF BUSINESS
 Quarters: Offered as needed
 Introduction to the legal environment of business. Emphasis is on the legal principles and laws which affect business. Topics covered will include the history of the legal development in the U.S., court systems, administrative laws and regulatory process, crimes, torts, contracts, property laws, legal aspects of business entities, employment laws and other topics will be discussed.

BA 226 3 Credits
BUSINESS LAW I
 Quarters: Summer, Fall, Winter
 Introduces business law, emphasizing contract law. Discusses history of legal development, crimes, torts, and courts systems.

BA 227 3 Credits
BUSINESS LAW II
 Quarters: Summer, Winter, Spring
 Continues study of business law, emphasizing sales law, commercial paper, bailments, and agency agreements. Prerequisites: BA 226, or instructor approval.

BA 228 3 Credits
COMPUTER-ASSISTED ACCOUNTING
 Quarters: Offered as needed
 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
 Quarters: Offered as needed
 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. Prerequisites: BA 200 or BA 211.

BA 236 (P/T) 3 Credits
COMPUTER-ASSISTED ACCOUNTING II
 Quarters: Offered as needed
 Introduces methods of performing accounting functions using accounting software currently utilized by business firms. Prerequisites: BA 200 or BA 211.

BA 239 3 Credits
PRINCIPLES OF ADVERTISING
 Quarters: Fall, Winter
 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 243 (P/T) 3 Credits
CONSUMER BEHAVIOR
 Quarters: Spring
 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
 Quarters: Fall
 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
 Quarters: Fall, Winter, Spring
 Presents the fundamentals of owning and managing a small business, including organizational, financial, marketing, and management concepts. Studies the dominant impact of small business. Some sections may have a no-cost text book option. Prerequisites: BA 211, BA 206, and BA 223.

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Course Descriptions

BA 255 3 Credits
PERSONNEL SUPERVISION
Quarters: Fall, Winter

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
Quarters: Offered as needed

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.

BA 280 1 Credit
BUSINESS MGT COOP WORK EXP

Quarters: Summer, Fall, Winter, Spring
Designed to give students an opportunity to acquire actual work experience in their chosen field. An on-site supervisor will supervise and evaluate the work experience student. Instructor approval of work setting and placement is required. For each credit earned, the student will need to document 36 hours at the work site. Some sections may have a no-cost text book option.

Business Technology

BT 101 (P/T) 3 Credits
KEYBOARDING I

Quarters: Summer, Fall, Winter, Spring
Emphasizes proper techniques of keyboarding through meaningful practice and speed development. Does not include word processing concepts. Lab included.

BT 102 (P/T) 3 Credits
KEYBOARDING II

Quarters: Summer, Fall, Winter, Spring
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.

BT 105 (P/T) 1 Credit
PRESENTATION APPLICATIONS

Quarters: Fall, Winter, Spring
Introduces presentation software with an emphasis on designing and formatting business-related presentations. Learn how to create a business presentation using electronic presentation, create an initial outline and slides, format and proof text, utilize animation, print a presentation and create and run a presentation. Prerequisites: BA 131/CS 101

BT 210 (P/T) 2 Credits
EMAIL AND PRODUCTIVITY APPLICATIONS

Quarters: Fall, Winter
Introduces the basic features of various email applications (including MS Outlook) to send and receive email, organize schedules and events, and maintain contact lists, to-do lists, and tasks. Emphasizes the email and productivity software skills necessary in business environments.

BT 221 (P/T) 3 Credits
WORD PROCESSING PROCEDURES I

Quarters: Summer, Fall, Winter, Spring
Uses Microsoft Word to create and format Word documents using various formatting tools. Covers the skill needed for MOS certification. Lab included. Prerequisites: Keyboarding skills

BT 222 (P/T) 3 Credits
WORD PROCESSING PROCEDURES II

Quarters: Summer, Fall, Winter, Spring
Presents advanced features in Microsoft Word to efficiently produce professional documents. Covers the skills necessary for MOS certification. Lab included. Prerequisites: BT 221, or instructor approval.

BT 232 4 Credits
SPREADSHEET APPLICATIONS

Quarters: Summer, Winter, Spring
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. Prerequisites: BA 131, CS 101, CS 160, or instructor permission.

BT 242 4 Credits
DATABASE APPLICATIONS

Quarters: Summer, Fall, Winter, Spring
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. Prerequisites: BA 131, or CS 101 or 160, or instructor approval.

BT 251 3 Credits
COMPUTER-ASSISTED ACCOUNTING I

Quarters: Summer, Fall, Spring
Examines methods of performing accounting functions and solving accounting problems using popular computer software, including collection, organizing, and reporting large amount of information.

BT 252 (P/T) 3 Credits
COMPUTER ASSISTED ACCOUNTING II

Quarters: Summer, Winter
Introduces methods of performing accounting functions using accounting software currently utilized by business firms. Prerequisites: BA 200 or BA 211

BT 290 (P/T) 3 Credits
INTEGRATED OFFICE APPLICATIONS

Quarters: Summer, Spring
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 culmination activity (capstone course) at the end of the associate degree program for Office Administration majors. Lab included. Prerequisites: OA 201, CS 125SS, CS 125A

Chemistry

- CHEM 104** 4 Credits
SURVEY OF CHEMISTRY (HEALTH)
Quarters: Summer, Fall, Winter, Spring
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)
Quarters: Winter
Studies the fundamental concepts of chemistry, including nuclear radiation, energy, and organic chemistry. Lab required. Prerequisites: CHEM 104.
- CHEM 106** 4 Credits
SURVEY OF CHEMISTRY (HEALTH)
Quarters: Spring
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. Prerequisites: CHEM 105.
- CHEM 121** 4 Credits
GENERAL CHEMISTRY
Quarters: Fall
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. Prerequisites: MATH 65 or suitable placement score.
- CHEM 122** 4 Credits
GENERAL CHEMISTRY
Quarters: Winter
Covers the radiation and environmental issues. Introduces organic nomenclature, functional groups and reactions. Prerequisites: CHEM 121 or 104.
- CHEM 123** 4 Credits
GENERAL CHEMISTRY
Quarters: Spring
Covers the basics of organic and biochemistry. Lab required. Prerequisites: CHEM 122
- CHEM 221** 5 Credits
COLLEGE CHEMISTRY
Quarters: Fall
Studies measurement, chemical reactions, stoichiometry, thermochemistry, atomic structure, chemical bonding and gas laws. Lab required. Prerequisites: MATH 95 or suitable placement score. Previous chemistry experience strongly recommended.
- CHEM 222** 5 Credits
COLLEGE CHEMISTRY
Quarters: Winter
Includes molecular bonding, solution chemistry, chemical reactions, oxidation reduction, chemical equilibrium and acid base equilibrium. Lab required. Prerequisites: CHEM 221.

- CHEM 223** 5 Credits
COLLEGE CHEMISTRY
Quarters: Spring
Includes thermodynamics, electrochemistry, nuclear chemistry, metals, nonmetals and transition elements and brief survey of organic and biochemistry. Lab required. Prerequisites: CHEM 222.
- CHEM 227** 5 Credits
ORGANIC CHEMISTRY
Quarters: Fall
Presents alkanes, alkenes, stereochemistry, role of solvents and organic reactions. Lab required. Prerequisites: CHEM 223.
- CHEM 228** 5 Credits
ORGANIC CHEMISTRY
Quarters: Winter
Examines alkynes, aromaticity, aromatic substitution, spectroscopy, NMR, CMR, IR, aldehydes and ketones and carboxylic acids. Lab required. Prerequisites: CHEM 227
- CHEM 229** 5 Credits
ORGANIC CHEMISTRY
Quarters: Spring
Includes amines, phenols, molecular orbital theory, carbohydrates, lipids, proteins and nucleic acids. Lab required. Prerequisites: CHEM 228

Computer Information Systems

- CIS 240 U** (P/T) 4 Credits
UNIX.LINUX SERVER OPERATIONS
Quarters: Offered as needed
Introduces CDE, GNOME, and KDE graphical user interfaces with overview of the Sun Solaris and Linux versions of the UNIX operating system. Discusses fundamental command-line features of UNIX including file system navigation, changing file permissions, the vi and emacs text editors, Korn and Bash shell features, and basic network use. Prerequisites: CIS 240.
- CIS 100** (P/T) 4 Credits
INTRO TO PC NETWORK AND CYBERSECURITY
Quarters: Fall
This course is an introduction to the Networking and Cybersecurity courses at TVCC and is a prerequisite for CIS 101, 102, 103, 283, 284, and 285. Concepts covered in the course include computer hardware components, data center technologies, virtualization software, troubleshooting processes, and the foundational concepts of networking and cybersecurity, such as DNS, DHCP, IP addressing and the OSI model of communications. Students will have an opportunity to work with networking hardware to build a Local Area Network and have hands on experience with routing simulation software.
- CIS 101** (P/T) 4 Credits
INTRODUCTION TO NETWORK
Quarters: Winter
This course is an introduction to networks. Students will be introduced to the architecture, structure, functions, components and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media and operations are introduced to provide a foundation for the curriculum. By the end of the course. students will be able to build simple LAN's, perform basic configurations for routers and switches, and implement IP addressing schemes. Prerequisites: CIS 100

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Course Descriptions

CIS 102 (P/T) 4 Credits
ROUTING AND SWITCHING ESSENTIALS
Quarters: Spring

This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches, and resolve common issues with virtual LAN's and inter-VLAN routing in both IPv6 networks. Some sections may have a no-cost text book option. Prerequisites: CIS 101

CIS 103 (P/T) 4 Credits
SCALING NETWORKS
Quarters: Summer

This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement a WLAN in a small-to-medium network. Prerequisites: CIS 102

CIS 104 (P/T) 4 Credits
CONNECTING NETWORKS
Quarters: Offered as needed

This course focuses on the WAN technologies and network services required by converged applications in a complex network. By the end of this course, students will be able to configure PPPoE, GRE, single-homed eBGP, extended IPv4 and IPv6 ACLs. Students will also develop the knowledge and skills needed to implement a WLAN in a small-to-medium network. For LANs, students will be able to configure SNMP and Cisco SPAN. Students will also develop knowledge about QoS and the trends in networking including Cloud, virtualization, and SDN. Prerequisites: CIS 103.

CIS 110 (P/T) 3 Credits
INFORMATION TECHNOLOGY ESSENTIALS I
Quarters: Fall

Fundamentals and advanced concepts of computer hardware and software. Assembly and installation of computer components and operating systems. Troubleshooting with system tools and diagnostic software. Includes laptops, portable devices.

CIS 111 (P/T) 3 Credits
INFORMATION TECHNOLOGY ESSENTIALS 2
Quarters: Offered as needed

Install network operating systems, and troubleshoot using system tools and diagnostic software. Connect to the internet and share resources in a network environment. Prerequisites: CIS 110

CIS 120 (P/T) 4 Credits
INTRO TO COMPUTER INFO SYSTEMS
Quarters: Offered as needed

Overview of the computing field, possible career paths, and typical applications. Covers key terminology and components of computer hardware, software, and operating systems. Other topics include computer concepts, hardware, software, database, data communications, networks, the internet, systems analysis and design, and computer applications.

CIS 122 (P/T) 4 Credits
INTRO SQL AND DATABASE DEVELOPMENT
Quarters: Fall, Winter, Spring

This course introduces the student to the concepts of structured query language (SQL) used to retrieve records from a relational database. Among covered concepts are set theory, Boolean logic, data normalization and table structure, SQL keywords and operators, primary and foreign keys, retrieval wildcards, and join types. At the conclusions of the course, students will be able to write complex queries which filter and summarize retrieved records. Course Note: Experience with spreadsheets and mathematical formulae will be helpful.

CIS 123 (P/T) 4 Credits
INTER SQL AND DATABASE DEVELOPMENT
Quarters: Winter, Spring

This course is the second in a series which covers the concepts of structured query language (SQL) used to retrieve records from a relational database. Among covered concepts are creating tables, inserting, updating and deleting records, using views, stored procedure, cursors, triggers and tools to facilitate transactional processing. At the conclusion of the course, students will be able to write complex queries controlling Data Definition and Data Manipulation, and will have been exposed to the beginning principles of programming in SQL. Prerequisites: CIS 122

CIS 124 (P/T) 4 Credits
ADV SQL AND APPLIED DATABASE DEVELOP
Quarters: Offered as needed

This course is the third in a series which covers the concepts of structured query language (SQL) and the development of relational database applications. This course serves as a capstone to the course sequence, and is devoted to the development of a database application. Students will be given examples of a business process that would benefit from a dedicated database application, and then design and develop the application to meet the identified need. Prerequisites: CIS 122, CIS 123 Previous experience with Microsoft Access is desirable, but not required.

CIS 140 (P/T) 4 Credits
INTRO TO OPERATING SYSTEMS
Quarters: Fall

Broad survey of beginning to advanced operating system topics for both the end user and administrator. Introduces history, theory, and various types of operating systems such as Microsoft, MacOSX, and Linux.

CIS 225 (P/T) 4 Credits
END USER SUPPORT
Quarters: Offered as needed

Effective communication with end users. Training and support functions within Information Systems. Offers an in-depth study of all the functions and features of installing, configuring, and maintaining Windows 7. The class provides detailed activities that let you experience firsthand the processes involved in Windows 7 configuration and management.

CIS 244 (P/T) 4 Credits
PROJECT MANAGEMENT: ANALYSIS AND DESIG
Quarters: Offered as needed

Computer systems development process, covering aspects of project initiation, analysis, and design. Includes introduction to project management techniques in business environments. Prerequisites: CS 101

CIS 280 3 Credits
COMPUTER INFO SYSTEM COOP WK EXP
Quarters: Offered as needed
Provides an opportunity to acquire actual work experience in the CIS field. An on-site supervisor will guide and evaluate student. Instructor approval of work setting and placement is required. For each credit earned, the student will need to document 36 hours at the work site. Prerequisites: CIS 120.

CIS 283 (P/T) 4 Credits
CYBERSECURITY FOUNDATION AND GATEWAY
Quarters: Fall
This course provides the student with an understanding of the fundamentals of cybersecurity, the concepts that help IT personnel recognize and potentially mitigate attacks against enterprise networks. Students will learn the basics of networking and the general concepts involved in maintaining a secure network computing environment. Upon successful completion of this course, students will be able to examine, describe general networking fundamentals and implement basic networking configuration techniques. Prerequisites: CIS 102, or demonstrate working knowledge of how to implement basic networking configuration.

CIS 284 (P/T) 4 Credits
CYBERSECURITY ESSENTIALS
Quarters: Winter
This course evaluates cybersecurity principles and demonstrates how to secure a network computing environment through the application of security controls. Students will learn the nature and scope of today's cybersecurity challenges, strategies for network defense, as well as detailed information about next-generation cybersecurity solutions. Students will also deploy a variety of security methodologies as well as technologies and concepts used for implementing a secure network environment. Prerequisites: CIS 283

CIS 285 (P/T) 4 Credits
CYBERSECURITY INFRASTRUCTURE CONFIG
Quarters: Spring
This course provides the student with a general understanding of how to install, configure, and manage firewalls for defense of enterprise network architecture. Students will learn the theory and configuration steps for setting up the security, networking, threat prevention, logging, and reporting features of next generation firewall technologies. Prerequisites: CIS 284

CIS 286 (P/T) 4 Credits
CYBERSECURITY PREVENTION COUNTERMEASURES
Quarters: Offered as needed
This course provides the student with advanced information for how to install, configure, and manage firewalls for defense of enterprise network architecture. Students will learn the theory and extended configuration features necessary for setting up traffic handling, advanced content/user identification, quality of service, global protect, monitoring/reporting and high availability of next generation firewall technologies. Prerequisites: CIS 285

CIS 296 (P/T) 1 Credit
CAPSTONE PROJECT I
Quarters: Winter
The combination of this course and CS 297 represent the conclusion of the AAS degree in Cybersecurity and Network Administration. Over the course of two terms, the student will identify, design and produce a complete client project in one or more aspects of the degree's technology strands (networking, cybersecurity, database development, or server administration). Depending on the scope of the project, this work may be completed individually or in a team with other students. During the first term, students will identify their client, conduct client interviews and business process analyses, and prepare a proposal for a project to be completed during the following term in CIS 297. In addition to the technical aspect of the capstone project, significant attention will be given to topics such as professionalism, job interviewing, project management and interpersonal communication skills.

CIS 297 (P/T) 3 Credits
CAPSTONE PROJECT II
Quarters: Spring
This course is a continuation of a two-term sequence begun in CIS 296, where students identify, design and produce a complete client project in one or more aspects of the degree's technology strands (networking, cybersecurity, database development, or server administration). Depending on the scope of the project, this work may be completed individually or in a team with other students. During the second term, students will complete the development work identified in their project proposal completed in CIS 296, and then prepare project documentation once the project has been accepted by the client. Prerequisites: Instructor approval

Computer Science

CS 133 CP 4 Credits
COMPUTER PROGRAMMING: C++
Quarters: Offered as needed
Introduces computer programming using the C++ languages, including the structure of the language; manipulation of data, arrays and objects; and how to handle input and output functions. Uses well structured program designs and object oriented programming. Prerequisites: BA 131, or CS 120 or 160, or instructor approval.

CS 133 JA 4 Credits
INTRO TO JAVA PROGRAMMING
Quarters: Offered as needed
Introduces Java language and concepts of object oriented programming. Prerequisites: BA 131, or CS 120 or 160, or instructor approval.

CS 133 VB 4 Credits
INTRO TO VISUAL BASIC PROGRAMMING
Quarters: Offered as needed
Explores software design and development in an event-driven windowing user-interface environment using Visual Basic. Includes BASIC syntax, data structures, user interface, modular design techniques, file handling. Prerequisites: BA 131, or CS 120 or 160, or instructor approval.

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Course Descriptions

CS 140 L 4 Credits
OP. ENVIRONMENTS: LINUX

Quarters: Offered as needed

Introduces installing and using the Linux operating system on PC-compatible computers. Covers installing Linux on a dedicated computer, in a Unix partition of a non-dedicated computer, and a MS-DOS partition of a non-dedicated computer. Includes basic Linux/Unix console commands, X-Windows, and some Linux/Unix application programs. Prerequisites: BA 131, or CS 101, or instructor approval.

CS 233 CP 4 Credits

ADV COMPUTER PROGRAMMING: C++

Quarters: Offered as needed

Explores advanced computer programming using the C++ language, including functions, operator overload, arrays, inheritance, polymorphism, derived classes, special classes and functions, and exceptions and error handling. Prerequisites: CS 133 CP.

CS 240 L 4 Credits

ADV OP: LINUX SYSTEM ADMINISTRATOR

Quarters: Offered as needed

Introduces Linux System administration, including how to install, expand, configure, manage, and network Linux systems. Prerequisites: CS 140L, or equivalent.

CS 260 B 3 Credits

DATA STRUCTURES II

Quarters: Offered as needed

Continues the analysis of algorithms is used in many computer applications written in high level programming language, including algorithms for sorting, searching, graphs, dynamic programming, and more. Prerequisites: CS 260.

CS 295 A (P/T) 3 Credits

WEB DESIGN II

Quarters: Offered as needed

Presents the techniques and methods that lead the developer from the conception through the design, development, installation and support of a business Web site. Provides application of these techniques and methods through hands-on lab experiences using appropriate software. Prerequisites: CS 195.

CS 295 B (P/T) 3 Credits

WEB DYNAMICS

Quarters: Offered as needed

Presents the fundamentals of creating dynamic interactive web pages. Provides hands-on experience creating dynamic text and images, positioning and data binding. Uses scripting to enhance the functionality of Web pages. Prerequisites: CS 295A

CS 101 4 Credits

COMPUTER FUNDAMENTALS I

Quarters: Summer, Fall, Winter, Spring

Introduction to computer concepts to include the following areas; computer fundamentals, key applications, and living online. Basic introduction to computer hardware, computer software, and manipulating an operating system. An elementary summary of common program functions and office suites. A straightforward overview of networks, the internet, email, and social impact of networking technologies.

CS 160 4 Credits

ORIENTATION TO PROGRAMMING

Quarters: Fall, Spring

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 using (OOP) Object Oriented. Prerequisites: MATH 60 or suitable placement score.

CS 161 4 Credits

COMPUTER SCIENCE I

Quarters: Winter

Introduces structured methods, including program design concepts, algorithm development, use of pseudo code in designing algorithms, elementary data types, and write code using an (OOP) Object Oriented Programming language. Prerequisites: CS 160.

CS 162 4 Credits

COMPUTER SCIENCE II

Quarters: Spring

Continues the study of computer science, including linear data structures, file access, recursion, and object oriented programming. Prerequisites: CS 161.

CS 194 (P/T) 3 Credits

WEB ESSENTIALS

Quarters: Winter

In this course students will learn to use, edit, secure and extend a Content Management System (CMS) for the development of a webpage. Best practices in Search Engine Management and Optimization. Secure Sockets Layer (SSL) and web publishing will also be explored. Students will be introduced to the basics of web development coding as well, through a practical approach of how to modify existing code within CMS's rather than building code from scratch. The course begins with the setup of a web server and domain names, then transitions into a project lasting the entire term with continual improvements to a webpage based on student interest. There will be an emphasis on modern photo-heavy page structure and design.

CS 195 3 Credits

WEB DESIGN

Quarters: Fall, Spring

Presents the fundamental concepts and techniques used for the design, development, and implementation of web pages using (HTML) Hyper Text Markup Language and (CSS) Cascading Style Sheets.

CS 196 (P/T) 3 Credits

WEB AUTHORING II

Quarters: Offered as needed

This course will work with intermediate concepts in CSS to frame webpage layout and enhancement with multimedia. Students will also explore an introduction to JavaScript application and use on mobile-enabled webpages.

CS 197 3 Credits

WEB AUTHORING III

Quarters: Offered as needed

In this course, students will learn how to use, edit, and extend a Content Management System (CMS) for the development of a webpage. Best practices in Search Engine Management, Secure Sockets Layer (SSL) and web publishing will also be explored. Elements from CS 195 and CS 196 (HTML, CSS and JavaScript) will continually be used in this course. Prerequisites: CS 196

CS 240 (P/T) 4 Credits
SERVER OPERATING SYSTEMS 1
Quarters: Winter

Microsoft Windows Server 2008 Active Directory Configuration prepares students to develop the skills needed to manage a Windows Server 2008 system and to prepare to pass the MCTS 70-640 certification exam. While the focus of topics is on the configuration of Active Directory and related services, coverage of Windows foundational topics such as the file system and networking are also included. Extensive coverage begins with an introduction to Windows Server 2008 and goes on to active directory design, account management, group policy management and configuration, certificate services, AD LOS, AD RMS, AD FS, server core, Windows Hyper-V virtualization, and server management.

CS 241 (P/T) 4 Credits
SERVER OPERATING SYSTEMS 2
Quarters: Spring

This course prepares students to configure networks using the Microsoft Windows Server platform operating system and to be prepared to take the Windows Server certification exams. The course focuses on updates to the software and in-depth coverage of the network aspects of Windows Server, this course includes topics such networking in a Windows environment, configuring DHCP, implementing DNS, and securing a Windows Server.

CS 242 (P/T) 4 Credits
SERVER OPERATING SYSTEMS 3
Quarters: Fall

Microsoft Windows Server 2008, Server Administration prepares students to administer networks using the Microsoft Windows Server 2008 operating system and to pass the MCITP 70-646 certification exam. Focusing on updates to the software and in-depth coverage of the administration aspects of Windows Server 2008, this course includes topics such as installing, configuring, managing and troubleshooting. In addition, the book includes fundamental coverage of topics from other MCTS certifications.

CS 244 (P/T) 4 Credits
SYSTEM ANALYSIS AND DESIGN
Quarters: Offered as needed

This course covers topics of system analysis. The task of an analyst is to develop a precise set of specifications describing the group of procedures in a complete information system.. Prerequisites: BA 131, or CS 101, or instructor approval.

CS 248 3 Credits
UNIX PROGRAMMING
Quarters: Offered as needed

Covers the essentials of Unix tool programming with the use of high-level programming languages, utilities, and tool kits, including Unix shells and essential utilities and network security issues, and high-level networking and protocol basics. Provides students with an opportunity to team the tools and programming languages that will help them make the best use of Unix. Prerequisites: CS 101 and CS 162

CS 253 (P/T) 3 Credits
WEB SERVER
Quarters: Offered as needed

The purpose of this course is to give Window NT administrators and webmasters a sound knowledge base for administering and managing Microsoft Internet Information Server 4.0. The text is also a great reference tool for experienced administrators, and is also an excellent resource for those students preparing to take Microsoft Exam 701-087, ITS 4.0 . Prerequisites: CS 101 and CIS 295B

CS 260 4 Credits
DATA STRUCTURES I
Quarters: Offered as needed

Modify and or create common data structures. Data abstraction from several aspects. Explores stacks, queues, lists, vectors, hash tables, graphs, trees and algorithms including sorting, searching, iterating over data structures and recursion. . Prerequisites: CS 101

CS 275 4 Credits
INTRODUCTION TO DATABASES
Quarters: Offered as needed

Design and implementation of relational databases, including data modeling with ER or UML diagrams, relational schema, SQL queries, relational algebra, user interfaces, and administration.

CS 280 1 Credit
COMPUTER SCIENCE COOP WK EXP
Quarters: Summer, Fall, Winter, Spring

Designed to give students an opportunity to acquire actual work experience in their chosen field. An on-site supervisor will supervise and evaluate the work experience student. Instructor approval of work setting and placement is required. For each credit earned, the student will need to document 36 hours at the work site. Some sections may have a no-cost text book option.

CS 281 4 Credits
INTRO TO ROBOTS
Quarters: Offered as needed

Introduces the field of robotics and explores the problems of programming robots. Prerequisites: BA 131, or CS 120 or 160, or instructor approval.

Criminal Justice

CJ 100 3 Credits
INTRO TO CRIMINAL JUSTICE
Quarters: Fall, Spring

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
Quarters: Fall

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
Quarters: Winter

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
Quarters: Spring

Studies the principles and procedures used to investigate and report traffic accidents. Includes basic traffic laws.

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Course Descriptions

CJ 120 3 Credits
INTRO TO JUDICIAL PROCESS

Quarters: Fall

Studies the basic processes in the criminal justice system, covering the steps in a criminal prosecution from the decision to prosecute through sentencing.

CJ 130 3 Credits
INTRO TO CORRECTIONS

Quarters: Fall, Spring

Surveys the history and evolution of corrections, law and legal processes, and the correctional process.

CJ 132 3 Credits
INTRO TO PAROLE AND PROBATION

Quarters: Fall

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.

CJ 140 3 Credits
U.S. CRIMINAL JUSTICE SYSTEM

Quarters: Winter

Emphasizes the adjunction and correctional aspects of the criminal justice system. Prerequisites: CJ 100.

CJ 200 (P/T) 3 Credits
COMMUNITY RELATIONS

Quarters: Spring

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.

CJ 201 3 Credits
INTRO TO JUVENILE JUSTICE SYSTEM

Quarters: Winter

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.

CJ 202 (P/T) 3 Credits
VIOLENCE AND AGGRESSION

Quarters: Summer, Winter

Explores the causes and extent of violence in society and the family, and examines preventative measures available to reduce violence in society.

CJ 203 (P/T) 3 Credits
CRISIS INTERVENTION

Quarters: Fall, Spring

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.

CJ 205 (P/T) 3 Credits
VICTIMS OF CRIME

Quarters: Spring

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.

CJ 207 (P/T) 3 Credits
CRIMINAL JUSTICE DOCUMENTATION

Quarters: Winter

This course is designed to provide the necessary information to become a knowledgeable and skillful writer of narrative reports which document original crimes and follow-up investigations for students entering the Criminal Justice field. The class will focus on the skills needed to write a report that is complete, clear, accurate, and convincing. The actual writing of reports will be a major component of the course. Specialized formats which meet the needs of various types of investigative activities including crime scene processing, interviews with suspects and witnesses, undercover operations, and the execution of search warrants will be explored. Basic writing skills such as grammar and spelling accuracy related to Criminal Justice terminology will be emphasized. Some sections may have a low-cost text book option. Prerequisites: CJ 100, WR 115 or higher, or professional in the field, or consent of instructor. All prerequisite courses must be completed with a grade of "C" or better.

CJ 208 (P/T) 3 Credits
ETHICS IN CRIMINAL JUSTICE

Quarters: Spring

This course examines the many difficult decisions that criminal justice professionals make in an environment of competing interests. The decision-making of criminal justice professionals is often impacted by their ethical dilemmas. Emphasis is placed on addressing moral issues and concerns of our justice process in personal, social, and criminal justice contexts.

CJ 209 3 Credits
INTRO TO CAREERS IN CRIM JUSTICE

Quarters: Fall, Spring

Surveys careers in law, law enforcement, courts, and corrections. Includes facility visitation and contact with persons working in the criminal justice system.

CJ 210 (P/T) 3 Credits
CRIMINAL INVESTIGATION I

Quarters: Offered as needed

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

CJ 211 (P/T) 3 Credits
CRIMINAL INVESTIGATIONS II

Quarters: Offered as needed

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. Prerequisites: CJ 210. Co-requisite: CJ 226.

CJ 212 (P/T) 3 Credits
CRIMINAL INVESTIGATIONS III
Quarters: Offered as needed
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. Prerequisites: CJ 211. Co-requisite: CJ 236.

CJ 216 (P/T) 1 Credit
CRIME SCENE TECHNICIAN I
Quarters: Offered as needed
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

CJ 220 3 Credits
CRIMINAL LAW
Quarters: Winter
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. Some sections may have a low-cost text book option.

CJ 222 3 Credits
PROCEDURAL LAW
Quarters: Spring
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.

CJ 223 3 Credits
RULES OF EVIDENCE
Quarters: Spring
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.

CJ 225 3 Credits
CORRECTIONS LAW
Quarters: Offered as needed
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.

CJ 226 (P/T) 1 Credit
CRIME SCENE TECHNICIAN II
Quarters: Offered as needed
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 211.

CJ 232 (P/T) 3 Credits
CORRECTIONS CASEWORK
Quarters: Winter, Spring
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. Prerequisites: CJ 132

CJ 236 (P/T) 1 Credit
CRIME SCENE TECHNICIAN III
Quarters: Offered as needed
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 280 1 Credit
CRIMINAL JUSTICE COOP WK EXP
Quarters: Summer, Fall, Winter, Spring
Provides work-related experience and study in selected Criminal Justice environments. Some sections may have a low-cost text book option.

Crop Science

CSS 200 4 Credits
PRINCIPLES OF CROP SCIENCE
Quarters: Spring
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 3 Credits
GENERAL SOILS
Quarters: Fall, Winter
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 3 Credits
FORAGE PRODUCTION
Quarters: Winter
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 3 Credits
SOIL NUTRIENTS AND FERTILIZER
Quarters: Summer, Winter, Spring
Addresses the 9 macronutrients and 6 micronutrients essential for plant growth. Instructs students in fertilizer selection as well interpreting soil sample analysis in making fertilizer recommendations. Prerequisites: CSS 205

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Course Descriptions

CSS 217 (P/T) 1 Credit
PESTICIDE SAFETY AND USE
Quarters: Winter

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
Quarters: Spring

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. This course also serves to address management of noxious weeds through biological controls, chemical applications, and mechanical removal. Lab required. Some sections may have a no-cost text book option.

Drafting

DRFT 112 (P/T) 3 Credits
GENERAL DRAFTING AND SKETCHING WELDER
Quarters: Fall, Winter

An introduction course to basic drafting, welding symbols, and print reading. Emphasis will be placed on the use of standard layout procedures, multi-view projection, and hands-on.

Economics

ECON 129 3 Credits
FREE MARKET PRINCIPLES
Quarters: Fall

This course will focus on the classical principles of free market economics, a comparative study of economic systems and will also include the history of economic thought.

ECON 201 4 Credits
PRINCIPLES OF MICROECONOMICS
Quarters: Summer, Fall, Winter, Spring

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. Some sections may have a no-cost text book option.

ECON 202 4 Credits
PRINCIPLES OF MACROECONOMICS
Quarters: Summer, Winter, Spring

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. Some sections may have a no-cost text book option.

Education

EDUC 106 (P/T) 3 Credits
CHILD DEVELOPMENT II
Quarters: Winter

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
Quarters: Fall, Winter, Spring

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
Quarters: Fall, Winter

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 preschoolers. Covers special needs of 0-8 year olds.

EDUC 143 (P/T) 3 Credits
CHILDHOOD DEVELOPMENT III
Quarters: Offered as needed

Studies physical, social, emotional, language development, and cognitive areas of growth and development for children ages 2 1/2 to adolescence.

EDUC 145 (P/T) 3 Credits
GUIDANCE I-EARLY CHILDHOOD ED
Quarters: Winter

Familiarize students with the principles of positive guidance for young children.

EDUC 149 (P/T) 3 Credits
INFANT/TODDLER CAREGIVING
Quarters: Spring

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. Some sections may have a low-cost text book option.

EDUC 150 (P/T) 3 Credits
CURRICULUM I-EARLY CHILDHOOD ED
Quarters: Winter

Introduces appropriate curriculum for young children. Focuses on creative play curriculum and the whole child approach.

EDUC 154 (P/T) 3 Credits
LITERATURE AND LITERACY FOR ECE
Quarters: Summer, Spring

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 157 (P/T) 3 Credits
MATH DEVELOPMENT FOR ECE
Quarters: Summer, Spring

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.

EDUC 158 (P/T) 3 Credits
BILINGUAL EDUCATION
Quarters: Fall

Applies theories in first and second language acquisition. Studies cognitive, affective, and social variables influencing language acquisition.

EDUC 162 (P/T) 3 Credits
CHILD NUTRITION, HEALTH AND SAFETY
Quarters: Summer, Fall, Spring

Prepares early childhood educators to meet the nutritional and health and safety needs of young children of all abilities. Considers the developmental abilities and culture of all children and families. Uses a constructivist philosophy to instruct students to implement developmentally appropriate food experiences such as snack and meal times in inclusive early childhood settings of home environments.

EDUC 200 4 Credits
INTRO TO EDUCATION

Quarters: Summer, Fall, Winter, Spring
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.

EDUC 202 (P/T) 4 Credits
EDUCATIONAL TECHNOLOGY
Quarters: Spring

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.

EDUC 210 1 Credit
THEORY AND PRACTICUM

Quarters: Summer, Fall, Winter, Spring
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. Prerequisites: Instructor approval.

EDUC 213 (P/T) 3 Credits
SCHOOL LAW
Quarters: Winter

Studies laws relevant to classroom processes, rights and responsibilities of teachers, schools, students, and families.

EDUC 230 (P/T) 3 Credits
INTRO TO CHILD ABUSE AND NEGLECT
Quarters: Fall, Winter

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.

EDUC 231 (P/T) 3 Credits
CHILDREN OF INCARCERATED PARENTS
Quarters: Fall

Focuses upon working with children of incarcerated parents and the unique issues confronting those children in the classroom setting.

EDUC 232 (P/T) 3 Credits
THERAPEUTIC INTER:CHILD OF NEGLECT
Quarters: Fall, Winter

Focuses upon combining a theoretical foundation with a practical basis for creating therapeutic intervention for early childhood environments by creating a framework for understanding the emotional lives of young children of neglect. Students will learn how to aid children in integrating experience in affective ways, develop adult-child relationships, develop emotionally based curriculum, and address the needs of families of these children. Some sections may have a low-cost text book option.

EDUC 233 (P/T) 3 Credits
CRITICAL FACTORS IN PARENT NEGLECT
Quarters: Spring

Focuses upon the study of child neglect, neglectful parents, the forces that have damaged parents, and strategies for teachers working with neglectful parents.

EDUC 240 (P/T) 3 Credits
CURRICULUM II- EARLY CHILDHOOD ED
Quarters: Fall, Spring

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.

EDUC 241 (P/T) 3 Credits
CURRICULUM III- EARLY CHILDHOOD ED
Quarters: Offered as needed

Emphasizes science, nature, cognition, and large group activities. Includes planning of activities that meet the needs of young children.

EDUC 242 3 Credits
EDUCATIONAL CONCEPTS
Quarters: Winter

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.

EDUC 245 (P/T) 3 Credits
GUIDANCE II-EARLY CHILDHOOD ED
Quarters: Spring

Surveys principles and practices of guidance, emphasizing conflict resolution, self-esteem builders, classroom management, educator's self-esteem, and effective communication with young children.

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Course Descriptions

EDUC 246 (P/T) 3 Credits
FAMILY/COMMUNITY RELATIONS-ECE
Quarters: Winter, Spring
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.

EDUC 247 (P/T) 3 Credits
CLASSROOM MANAGEMENT
Quarters: Fall
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.

EDUC 248 (P/T) 3 Credits
SPECIAL NEEDS AND MAINSTREAMING
Quarters: Summer, Fall, Spring
Examines specific areas of special needs in the early childhood classroom and the approaches to mainstreaming those students.

EDUC 250 (P/T) 4 Credits
EXCEPTIONALITY IN THE SCHOOLS
Quarters: Spring
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
Quarters: Summer, Spring
Studies strategies for assisting classroom teachers in implementing appropriate programs for addressing cultural diversity within the classroom.

Emergency Medical

EMT 090 4 (P/T) 0 Credit
EMT INTERMEDIATE I
Quarters: Offered as needed
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. Prerequisites: Oregon certified EMT-Basic.

EMT 090 5 (P/T) 0 Credit
EMT INTERMEDIATE II
Quarters: Offered as needed
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. Prerequisites: Oregon certified EMT-Basic, EMT 0904.

EMT 151 (P/T) 5 Credits
EMT BASIC I
Quarters: Summer, Fall
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. See EMT program description in the current TVCC Catalog.

EMT 152 (P/T) 5 Credits
EMT BASIC II
Quarters: Summer, Fall, Winter
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. See EMT program description in the current TVCC Catalog.

EMT 169 (P/T) 3 Credits
EMT RESCUE
Quarters: Offered as needed
Presents elementary procedures of rescue practices, systems, components, and control of rescue operations for rough terrain, water rescue, vehicle extrication with patient access and care, and patient packaging. Introduces techniques and tools of patient extrication. Lab included.

EMT 170 (P/T) 3 Credits
EMERGENCY COMM AND PATIENT TRANS
Quarters: Offered as needed
Includes emergency response driving, ORS, OAR, DMV laws, maintenance and safety, route planning, communication systems, radio types, and HEAR system. Prerequisites: valid drivers license.

EMT 175 (P/T) 3 Credits
INTRO EMERGENCY MEDICAL SERVICES
Quarters: Offered as needed
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 Literature

ENG 105 3 Credits
INTRO TO LITERATURE
Quarters: Offered as needed
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.

ENG 106 3 Credits
INTRO TO LITERATURE
Quarters: Offered as needed
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.

ENG 195 3 Credits
FILM STUDIES
Quarters: Fall, Spring
Covers the history, techniques, and art of film. Includes in-class film viewing and discussions with an emphasis on how to analyze and evaluate a variety of stylistic approaches. Some sections may have a low-cost text book option. Prerequisites: Pass WR 115 with a "C-" or better, or suitable placement score.

ENG 201 3 Credits
INTRO TO SHAKESPEARE
Quarters: Fall
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.

ENG 202 3 Credits
INTRO TO SHAKESPEARE
Quarters: Winter
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.

ENG 203 3 Credits
INTRO TO SHAKESPEARE
Quarters: Spring
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.

ENG 207 3 Credits
INTRO TO WORLD LITERATURE
Quarters: Fall
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.

ENG 208 3 Credits
INTRO TO WORLD LITERATURE
Quarters: Summer, Winter
Explores the development and variety of world literature from the ancient world to the present, focusing on Neoclassicism, Romanticism, and Realism. Some sections may have a low-cost text book option. Prerequisites: Pass WR 115 with a "C-" or better, or suitable placement score.

ENG 209 3 Credits
INTRO TO WORLD LITERATURE
Quarters: Spring
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.

ENG 253 3 Credits
SURVEY OF AMERICAN LITERATURE
Quarters: Fall
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.

ENG 254 3 Credits
SURVEY OF AMERICAN LITERATURE
Quarters: Winter
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.

ENG 255 3 Credits
SURVEY OF AMERICAN LITERATURE
Quarters: Spring
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.

ENG 260 3 Credits
INTRO TO WOMEN WRITERS
Quarters: Offered as needed
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. Prerequisites: Pass WR 121 with a "C-" or better, or suitable placement score.

Ethnic Studies

ETHN 101 3 Credits
ETHNIC STUDIES
Quarters: Fall, Winter
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
Quarters: Winter, Spring
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.

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Course Descriptions

ETHN 103 3 Credits
ETHNIC STUDIES

Quarters: Summer, Fall, Spring

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

Quarters: Summer, Fall, Winter, Spring

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. Some sections may have a low-cost text book option.

Forestry

FOR 111 3 Credits
INTRODUCTION TO FORESTRY

Quarters: Fall, Spring

This course will serve as 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 particular focus on Oregon and the Pacific Northwest. Students will also learn through field trips to local forested regions.

Forestry Wildland and Range

FWR 101 (P/T) 1 Credit
NATURAL RESOURCES SEMINAR

Quarters: Fall

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.

General Science

GSCI 104 4 Credits
PHYSICAL SCIENCE PHYSICS

Quarters: Fall, Winter, Spring

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

Quarters: Offered as needed

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

Quarters: Fall, Winter, Spring

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

Quarters: Summer, Winter

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. Some sections may have a low-cost text book option.

GSCI 108 4 Credits
PHYSICAL SCIENCE OCEANOGRAPHY

Quarters: Offered as needed

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 109 4 Credits
PHYSICAL SCIENCE METEOROLOGY

Quarters: Fall, Spring

Introduces the composition and structure of our atmosphere. Provides the factors and concepts that control weather and the production of wind, precipitation, clouds, storms, and climate change. Intended for non-science majors. Lab required.

GSCI 110 4 Credits
PHYSICAL SCIENCE ENERGY

Quarters: Summer, Spring

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 and efficiency, transportation, pollution, climate science and global effects. Intended for non-science majors. Lab required.

GSCI 161 (P/T) 3 Credits
MEDICAL TERMINOLOGY I

Quarters: Summer, Fall, Spring

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. Some sections may have a low-cost or no-cost text book option.

GSCI 162 3 Credits
MEDICAL TERMINOLOGY II

Quarters: Summer, Winter, Spring

Presents advanced vocabulary, extending and reinforcing those terms acquired in Medical Terminology I. Some sections may have a low-cost or no-cost text book option. Prerequisites: GSCI 161 or instructor permission.

Geography

GEOG 101 4 Credits

PHYSICAL GEOGRAPHY

Quarters: Fall, Winter, Spring

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. Some sections may have a low-cost text book option.

GEOG 105 3 Credits

INTRO TO CULTURAL GEOGRAPHY

Quarters: Fall, Spring

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 211 (P/T) 3 Credits

CARTOGRAPHY

Quarters: Offered as needed

An introduction to the different types of map projections, map design, and map production. Prerequisites: CS 101, GEOG 265

GEOG 265 (P/T) 4 Credits

GEOGRAPHIC INFO SYSTEMS (GIS) I

Quarters: Fall, Winter, Spring

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 267 (P/T) 3 Credits

GEODATABASE MANAGEMENT

Quarters: Offered as needed

This course provides an overview of the structure and capabilities of the geodatabase. Students learn how to create a geodatabase, migrate existing GIS data to a geodatabase, and edit and maintain data stored in a geodatabase. The course covers some advanced geodatabase topics including how to build a geodatabase topology: maintain data integrity using subtypes, attribute domains, and relationship classes: and create a geodatabase schema. In course exercises, students work with file geodatabases, learn how to migrate a personal geodatabase data to a file geodatabase and create various geodatabase components. Prerequisites: CS 101, GEOG 265

GEOG 285 (P/T) 4 Credits

GEOGRAPHIC INFO SYSTEMS (GIS) II

Quarters: Offered as needed

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. Prerequisites: GEOG 265.

GEOG 286 (P/T) 3 Credits

REMOTE SENSING

Quarters: Offered as needed

From recent developments in digital image processing to the next generation of satellite systems, this comprehensive course introduces students to the latest developments in the field of remote sensing and image interpretation. The course examines the basics of analog image analysis while placing greater emphasis on digitally based systems and analysis techniques. The presentation is discipline neutral, so students in any field of study can gain a clear understanding of these systems and their virtually unlimited applications. Prerequisites: CS 120

GEOG 295 (P/T) 3 Credits

GEOSPATIAL CAPSTONE COURSE

Quarters: Offered as needed

The goal of the Geospatial Capstone Course is to integrate the GIS knowledge and skills learned from the prerequisite courses and apply them to an individual GIS project. The student will use the GIS functionality found within ESRI ArcGIS software as a tool to complete their project. Homework exercises will be completed using ArcGIS software. Prerequisites: CS 101, GEOG 265, GEOG 285

Geology

GEOL 148 4 Credits

VIOLENT EARTH

Quarters: Fall, Winter, Spring

Covers basics of geoscience, with a focus on historical geology and catastrophic events, including: formation of the moon, volcanoes, earthquakes, mega-floods, mass extinctions, asteroid impacts, and life itself. Course is intended for non-science majors. Some sections may have a no-cost text book option.

Health/Physical Education

HPE 180 B 1 Credit

ADVANCED BASKETBALL (WOMEN)

Quarters: Fall, Winter

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. Some sections may have a no-cost text book option.

HPE 180 BC 1 Credit

BASKETBALL CONDITIONING (WOMEN)

Quarters: Fall, Winter, Spring

Advanced conditioning in the sport of basketball. Conditioning basketball athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 180 C 1 Credit

ADVANCED CROSS COUNTRY (WOMEN)

Quarters: Fall, Winter

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. Some sections may have a no-cost text book option.

Treasure Valley Community College

Course Descriptions

HPE 180 CC 1 Credit
CROSS COUNTRY CONDITIONING (WOMEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 180 D 1 Credit
ADVANCED SOFTBALL (WOMEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 180 DC 1 Credit
SOFTBALL CONDITIONING (WOMEN)
Quarters: Fall, Winter, Spring
Advanced conditioning in the sport of softball. Conditioning softball athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 180 F 1 Credit
ADVANCED TRACK AND FIELD (WOMEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 180 FC 1 Credit
TRACK AND FIELD CONDITIONING (WOMEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 180 R 1 Credit
ADVANCED RODEO (WOMEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 180 RC 1 Credit
RODEO CONDITIONING (WOMEN)
Quarters: Winter, Spring
Advanced conditioning in the sport of rodeo. Conditioning rodeo athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 180 S 1 Credit
ADVANCED SOCCER (WOMEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 180 SC 1 Credit
SOCCER CONDITIONING (WOMEN)
Quarters: Fall, Winter, Spring
Advanced conditioning in the sport of soccer. Conditioning soccer athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 180 T 1 Credit
TENNIS CONDITIONING (WOMEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 180 TC 1 Credit
TENNIS CONDITIONING (WOMEN)
Quarters: Fall, Winter, Spring
Advanced conditioning in the sport of tennis. Conditioning tennis athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 180 V 1 Credit
ADVANCED VOLLEYBALL (WOMEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 180 VC 1 Credit
VOLLEYBALL CONDITIONING (WOMEN)
Quarters: Fall, Winter, Spring
Advanced conditioning in the sport of volleyball. Conditioning volleyball athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 185 B 1 Credit
BASKETBALL ACTIVITY
Quarters: Offered as needed
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.

HPE 185 D 1 Credit
STEP AEROBICS
Quarters: Winter
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. Some sections may have a no-cost text book option.

HPE 185 E 1 Credit
TENNIS ACTIVITY
Quarters: Summer, Fall, Spring
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. Some sections may have a no-cost text book option.

HPE 185 F 1 Credit
AEROBIC FITNESS
Quarters: Summer, Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 185 G 1 Credit
GOLF ACTIVITY
Quarters: Offered as needed
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.

HPE 185 J 1 Credit
WALK/JOG/WEIGHT TRAINING
Quarters: Summer, Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 185 K 1 Credit
KICKBOXING AEROBICS
Quarters: Offered as needed
Focuses on three primary aspects of physical fitness: cardiovascular fitness, flexibility, and strength. The primary emphasis is on the cardiovascular component of the course. Increases cardiovascular endurance and strength utilizing punching and kicking techniques while incorporating various aerobic methods.

HPE 185 S 1 Credit
SWIMMING
Quarters: Summer, Fall, Winter, Spring
Utilizes swimming pool facilities for aerobic activities. Students will be allowed to set their own schedules in accordance with pool hours. Some sections may have a no-cost text book option.

HPE 185 T 1 Credit
AEROBIC/WEIGHT TRAINING
Quarters: Offered as needed
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.

HPE 185 W 1 Credit
WEIGHT TRAINING
Quarters: Summer, Fall, Winter, Spring
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. Some sections may have a low-cost or no-cost text book option.

HPE 185 Y 1 Credit
YOGA
Quarters: Summer, Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 190 B 1 Credit
ADVANCED BASKETBALL (MEN)
Quarters: Fall, Winter
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. Some sections may have a no-cost text book option.

HPE 190 BC 1 Credit
BASKETBALL CONDITIONING (MEN)
Quarters: Fall, Winter, Spring
Advanced conditioning in the sport of basketball. Conditioning basketball athletes to train the aerobic and anerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 190 C 1 Credit
ADVANCED CROSS COUNTRY (MEN)
Quarters: Fall, Winter
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. Some sections may have a no-cost text book option.

HPE 190 CC 1 Credit
CROSS COUNTRY CONDITIONING (MEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 190 D 1 Credit
ADVANCED BASEBALL (MEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 190 DC 1 Credit
BASEBALL CONDITIONING (MEN)
Quarters: Fall, Winter, Spring
Advanced conditioning in the sport of baseball. Conditioning baseball athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 190 F 1 Credit
ADVANCED TRACK AND FIELD (MEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 190 FC 1 Credit
TRACK AND FIELD CONDITIONING (MEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

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Course Descriptions

HPE 190 R 1 Credit
ADVANCED RODEO (MEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 190 RC 1 Credit
RODEO CONDITIONING (MEN)
Quarters: Winter, Spring
Advanced conditioning in the sport of rodeo. Conditioning rodeo athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 190 S 1 Credit
ADVANCED SOCCER (MEN)
Quarters: Fall, Winter, Spring
Advanced training in the sport of soccer. Team concepts for soccer will be taught that include strategy for competition, drill work associated player development, and mental preparation. Some sections may have a no-cost text book option.

HPE 190 SC 1 Credit
SOCCER CONDITIONING (MEN)
Quarters: Fall, Winter, Spring
Advanced conditioning in the sport of soccer. Conditioning soccer athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 190 T 1 Credit
ADVANCED TENNIS (MEN)
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 190 TC 1 Credit
TENNIS CONDITIONING (MEN)
Quarters: Fall, Winter, Spring
Advanced conditioning in the sport of tennis. Conditioning tennis athletes to train the aerobic and anaerobic systems for the enhancement of player performance. Some sections may have a no-cost text book option.

HPE 190 W 1 Credit
ADVANCED WRESTLING (MEN)
Quarters: Offered as needed
Provides advanced training, instruction and conditioning for male athletes in the following intercollegiate sports: basketball, cross country, soccer, baseball, track and field, golf, tennis, rodeo and wrestling..

HPE 190 WC 1 Credit
WRESTLING CONDITIONING (MEN)
Quarters: Offered as needed
Advanced conditioning in the sport of baseball. Conditioning baseball athletes to train the aerobic and anaerobic systems for the enhancement of player performance.

HPE 260 J 3 Credits
INTRO TO ATHLETIC TRAINING II
Quarters: Offered as needed
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 AND BRACING
Quarters: Offered as needed
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 100 1 Credit
YOGA
Quarters: Summer, Fall, Winter, Spring
Incorporates a dynamic series of poses performed at a gentle pace. Covers basic yoga philosophy, asanas, pranayama, meditation and relaxation for a better health and wellness. Recommended beginner students who are not ready for a more active yoga. Some sections may have a no-cost text book option.

HPE 101 1 Credit
YOGA-BARRE
Quarters: Summer, Fall, Winter, Spring
Barre is a mixture of modern postural alignment theory, core activation, glute strengthening movements, leg and arm strengthening movements. You use your body weight to churn out rep after rep of muscle-burning moves. The yoga in this course will mainly be a vinyasa flow, which focuses the movement with the breath, a constant movement that allows you to build up heat as you flow. Includes intermediate yoga exercises for increased flexibility, improved health, relaxation, and reduced stress in daily living. Some sections may have a no-cost text book option.

HPE 120 2 Credits
FIRST AID AND CPR
Quarters: Summer, Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 121 1 Credit
BEGINNING WEIGHT TRAINING
Quarters: Fall, Winter, Spring
Stresses the proper guidelines, principles, and techniques of weight lifting and the development of muscular strength and endurance. Introduces the development of individual weight training programs which allow for body and strength differences, including weight training etiquette and safety. Introduces evaluation techniques for muscular endurance and strength. Some sections may have a no-cost text book option.

HPE 122 1 Credit
INDEPENDENT/ADV WEIGHT TRAINING
Quarters: Fall, Winter, Spring
Development of muscular strength, endurance and power at an advanced level. Continues and reinforces beginning weight training concepts. The students will be held accountable for independent lifting by turning in a work-out log designated by the instructor. Recommended: Beginning Weight Training or equivalent Some sections may have a no-cost text book option.

HPE 131 3 Credits
INTRO TO P.E. AND HEALTH
Quarters: Offered as needed
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 185 1 Credit
CO EDUCATIONAL PHYSICAL EDUCATION
Quarters: Winter, Spring
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. Some sections may have a no-cost text book option.

HPE 194 2 Credits
PROFESSIONAL ACTIVITIES
Quarters: Fall
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. Some sections may have a low-cost text book option.

HPE 201 3 Credits
PERSONAL TRAINING
Quarters: Offered as needed
Students will follow the curriculum for the American College of exercise (ACE) Personal Trainer Certification. The course will guide students through expectations, requirements, processes and knowledge to prepare to become a certified personal trainer through ACE. The student will obtain information through videos, lecture, and self-study. Students will be prepared to take the ACE American College of Exercise personal training exam, which is offered through ACE and not included in this course.

HPE 231 2 Credits
LIFETIME FITNESS
Quarters: Fall, Winter, Spring
This class explores fitness, nutrition, stress management, healthy literacy, and behavior change to maximize personal wellness by making good choices in regards to wellness. Related topics covered include muscular strength and endurance, writing an exercise plan, analyzing personal diet, and stress management techniques. The class will include a behavior change project, personal fitness plan, nutrition analysis and specific techniques to manage stress to improve overall quality of life.

HPE 259 3 Credits
INTRO TO ATHLETIC TRAINING I
Quarters: Offered as needed
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 288 3 Credits
SCIENCE OF COACHING YOUTH SPORTS
Quarters: Offered as needed
This course provides a general understanding of exercise physiology, sport pedagogy, sport psychology, and sport medicine for individuals who wish to coach in a school or youth sport setting. The course is designed to prepare the student to take the coaching certification through the National Federation of State High School Association (NFHS).

HPE 294 2 Credits
PE PROFESSIONAL ACTIVITIES METHODS
Quarters: Offered as needed
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 AND FITNESS FOR LIFE
Quarters: Summer, Fall, Winter, Spring
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.

History

HIST 101 3 Credits
HISTORY OF WESTERN CIVILIZATIONS
Quarters: Fall
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
Quarters: Summer, Winter, Spring
Examines the major ideas, issues, events and personalities of the time. Offers different frameworks of analysis to enhance comprehension and critical thinking. Includes the Reformation, Absolutism, the Scientific and Industrial Revolutions, and the French Revolution. Some sections may have a no-cost text book option.

Treasure Valley Community College

Course Descriptions

HIST 103 3 Credits
HISTORY OF WESTERN CIVILIZATIONS
Quarters: Summer, Spring
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
Quarters: Summer, Fall, Winter
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
Quarters: Winter, Spring
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. Some sections may have a no-cost text book option.

HIST 203 3 Credits
U.S. HISTORY
Quarters: Fall, Spring
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.

Horse Production

HPRD 101 (P/T) 3 Credits
ROUGH STOCK I
Quarters: Fall
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
ROUGH STOCK II
Quarters: Winter
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
Quarters: Spring
Includes participation in NIRA competition and organizing and conducting a college rodeo event..

HPRD 104 (P/T) 3 Credits
TIMED EVENTS I
Quarters: Fall
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
Quarters: Winter
A continuation of Timed Events I with emphasis on preparation for competition.

HPRD 106 (P/T) 3 Credits
TIMED EVENTS III
Quarters: Spring
Provides students the opportunity to participate in NIRA competitions and organize and conduct their own college rodeo.

HPRD 280 (P/T) 1 Credit
EQUINE WORK EXPERIENCE
Quarters: Summer, Fall, Spring
Applies actual work experience in an equine-related. An on-site supervisor evaluates and supervises the work experience student. Requires instructor approval of work setting and placement, and documentation of 36 worksite hours for each credit earned.

Horticulture

HORT 111 3 Credits
INTRO TO PLANT GROWTH
Quarters: Fall, Winter, Spring
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
PLANT PROPAGATION
Quarters: Offered as needed
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
Quarters: Offered as needed
Covers symptoms, causal agents, diagnosis, and prevention of plant diseases with emphasis on fungi, bacteria, nematode, and virus pathogens.

Human Development

HDEV 112 1 Credit
FRESHMAN SEMINAR
Quarters: Summer, Fall, Winter, Spring
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). Some sections may have a low-cost or no-cost text book option.

HDEV 120 3 Credits
COLLEGE SUCCESS
Quarters: Fall, Winter, Spring
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. Some sections may have a low-cost or no-cost text book option.

HDEV 130 1 Credit
TUTOR TRAINING (PEER LEADERSHIP)
Quarters: Offered as needed
Students will develop knowledge of the college, student resources and services, adult development, critical thinking, communication skills, and many other topics relevant to "best practices" in tutoring. This course is a required component of the math tutoring services made available by TVCC and is focused on training. There are no pre-requisites other than the application requirements and being selected to take the course by the Math Lab leaders.

HDEV 202 2 Credits
LIFE TRANSITIONS
Quarters: Offered as needed
Initiates empowerment of women 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. Helps women develop a plan of action to reach the goals they have set for themselves.

HDEV 208 3 Credits
CAREER PLANNING
Quarters: Offered as needed
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
Quarters: Offered as needed
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.

Human Services

HSER 100 (P/T) 3 Credits
INTRODUCTION TO HUMAN SERVICES
Quarters: Fall
Provides an overview of the profession of human services, and an opportunity to explore careers. Helps prepare students to be effective human services professionals by providing: Information that will increase knowledge about human services organizations and programs; skill-building opportunities that improve students' professional helping skills; Examples of professional roles, opportunities, and responsibilities to help students consider their own option for a career in human services. Explores such fields of practice as aging, corrections, alcohol and other drug abuse, child welfare, mental health and developmentally disabled.

HSER 101 3 Credits
ADDICTIONS PHARMACOLOGY
Quarters: Fall, Spring
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. Prerequisites: Pass WR 095 with a C- or better, or suitable placement score.

HSER 102 3 Credits
DRUG USE, MISUSE AND ADDICTION
Quarters: Fall
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. Co-requisite: HSER 101.

HSER 120 (P/T) 3 Credits
PEER RECOVERY COACHING
Quarters: Fall, Winter, Spring
This course provides a comprehensive overview of the purpose, tasks, roles, and responsibilities of Recovery Coaches. A Recovery Coach's goal is to serve as a personal guide and mentor for people seeking recovery from addictions and help to remove obstacles and barriers to recovery. Recovery Coaching is not a clinical service. Rather, it is a new and exciting role in the field of substance use disorders. Students will learn to use their lived experience to support the recovery process of others. Additionally, the course provides instruction in the multiple paths toward recovery including how to navigate systems, events, and exploration of the recovery community.

HSER 152 1 Credit
STRESS MANAGEMENT
Quarters: Offered as needed
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 3 Credits
ALCOHOL/DRUGS AND FAMILY
Quarters: Fall
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. Co-requisite: HSER 101.

HSER 202 4 Credits
COUNSELING TECHNIQUES I
Quarters: Winter
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. Prerequisites: HSER 101 and HSER 102 or 200, with a grade of C- or better.

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Course Descriptions

HSER 219 3 Credits
CASE MANAGEMENT- CAPSTONE
Quarters: Summer, Fall
Covers the preparation of clinical documentations related to screening and intake processes, assessments, treatment plans, reports, progress notes, discharge summaries, and other client-related data. Applies state ASAM and other professionally relevant standards. Prerequisites: HSER 101, 102, 200, 202, 224, 226 and 228 with a grade of C- or better.

HSER 224 3 Credits
GROUP SKILLS FOR SUBSTANCE ABUSE
Quarters: Fall, Spring
Presents strategies from accepted and culturally appropriate models for group counseling with clients with a variety of disorders including substance abuse. Focuses on the ethical use of groups as an effective therapeutic intervention. Addresses leadership behaviors, group formation and group states. Prerequisites: HSER 202 and HSER 228 with a grade of C- or better,

HSER 226 3 Credits
ETHICS FOR ADDICTIONS COUNSELING
Quarters: Winter, Spring
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. Prerequisites: HSER 101 or HSER 102, or HSER 200

HSER 228 4 Credits
SCREENING AND ASSESSMENT
Quarters: Summer, Winter
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. Prerequisites: HSER 101 and 102, or 200 with a grade of C- or better.

HSER 248 2 Credits
INFECTIOUS DISEASES:ADDICTION RISK
Quarters: Summer
Explores the relationship between alcohol and other drug abuse and infectious diseases, including HIV/AIDS, tuberculosis, sexually-transmitted diseases and hepatitis. Provides counseling techniques for assisting clients to identify personal risk and practice harm reduction. Also addresses special issues affecting diverse populations. Examines personal issues/discomforts arising from frankly discussing sexual behaviors of clients. Some sections may have a no-cost text book option.

HSER 250 3 Credits
INTRO TO MEDITATION, MINDFUL/STRESS
Quarters: Summer, Fall, Winter, Spring
This course explores various meditation, body awareness, and yoga techniques. Learning takes place through practice and study of how your body handles (and can resolve) stress neurologically. The skills developed in this course can increase the ability to cope with stress, pain, and the challenges of everyday life. Students will learn to deal with disturbing events with grace and composure and to become more aware and fully present and alive in the moment. A growing body of research points to the benefits of mindfulness and meditation for mental and physical health. Although these terms are closely related, they are not identical. Mindfulness practice is one of many approaches to meditation; and mindfulness is applicable not just to meditation techniques but to a wide variety of daily life activities as well. These techniques assist us to combating negativity bias: triggers for the fight or flight stress response. By using meditation, mindfulness, and other techniques, and by learning more about how to manage our stress responses, we increase our well-being and life satisfaction. Some sections may have a low-cost or no-cost text book option.

HSER 280 1 Credit
ADDICTION STUDIES COOP WK EXP
Quarters: Summer, Fall, Winter, Spring
Designed to give students an opportunity to acquire work experience in their chosen field. An on-site supervisor will supervise and evaluate the work experience student. Instructor approval of work setting and placement is required. For each credit earned, the student will need to document 36 hours at the work site. Some sections may have a no-cost text book option. Prerequisites: HSER 101, HSER 102, HSER 200, or be working in the field now, or have a degree in Social Work and getting additional credentials.

Humanities

HUMN 148 3 Credits
INTRO TO HUMANITIES
Quarters: Fall
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.

HUMN 149 3 Credits
INTRO TO HUMANITIES
Quarters: Winter
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.

HUMN 150 3 Credits
INTRO TO HUMANITIES
Quarters: Spring
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.

Industrial Education

INED 100 (P/T) 3 Credits

INTRO TO AUTOMATION/RENEWABLE

Quarters: Fall, Winter, Spring

This course introduces the student to various applications that are used in the automation and renewable energy field. The class includes practical experience in developing various basic mechanical systems. The systems include building basic gear transmission systems. Use Programmable Logic Controllers (PLCs) to manipulate drive and pneumatic processes, install small DC electric motors and pneumatic actuators, and use Photovoltaic cells and other DC electrical devices to build small-scale machines. Some sections may have a low-cost text book option.

INED 101 (P/T) 3 Credits

INTRO TO BASIC TROUBLESHOOTING

Quarters: Fall, Winter, Spring

This course introduces to the student how to critically think regarding how to determine and fix problems with various machines, equipment and mechanical/electrical systems. Those machines, equipment and systems include, AC and DC electric motors, chain and belt drives, and building systems such as solar and HVAC equipment and electrical issues. Students are introduced to the use of basic troubleshooting diagnostic tools and learn the importance of preventing problems before they occur. Students gain practical troubleshooting experience by using critical thinking skills and diagnostic tools to detect and repair various problems on different machines and systems.

INED 103 (P/T) 3 Credits

MECHANICAL SYSTEMS

Quarters: Fall, Winter, Spring

This course focuses on learning the fundamentals of mechanical power. Students learn common mechanical components from nuts and bolts to gears, gear boxes, shafts, and bearings. Students perform common mechanical tasks, and learn to fine tune drive systems involving belts, chains, etc. This course demonstrates the importance of lubrication in maintaining gears and other movable parts, and emphasizes operations to reduce friction and wasted motion, which are major contributors to energy inefficiency. Students become acquainted with basic machine design, fabrication techniques and electrical/mechanical machine.

INED 104 (P/T) 3 Credits

ELECT SYSTEMS TROUBLESHOOTING I

Quarters: Fall, Winter, Spring

DC and AC electrical theory, definitions, basic component identification and analysis of polarity, series, parallel, combination circuits, direct current devices and batteries and their use in renewable applications. Emphasis is placed on practical application, troubleshooting, and problem solving. Students learn to troubleshoot common electrical problems in industry, such as low voltage, high voltage, open circuits, high resistance shorts to ground and current/voltage unbalance. Emphasis is on prevention of electrical waste.

INED 105 (P/T) 3 Credits

AIRBORNE CONTROL SYSTEMS

Quarters: Spring

This course will serve as an overview of Unmanned Aerial Vehicle (UAV) theory of operations, component requirements, assembly and how electrical, mechanical, and computer sciences are part of each function. Topics covered will range from basic electrical and mechanical functions, Internal Navigation Systems (INS) and Global Positioning Systems (GPS) as it applies to UAV's, mission planning, and manual and autonomous operational requirements. Students will be exposed to current issues in the commercial UAS industry with particular focus on Oregon and the Pacific Northwest. Students will also learn through field tests of assembled equipment.

INED 107 (P/T) 3 Credits

ELECT SYSTEM TROUBLESHOOTING II

Quarters: Fall, Winter, Spring

This course covers the theory and application of magnetism, electromagnetism, the generation of electromotive force, AC and DC motor principles, transformer theory, types and applications. Students are introduced to electrical troubleshooting methods and procedures to solve process problems. Analyzing motor control schematics and using advanced digital multi meters are stressed. Emphasis is on prevention and correction of energy wasting problems. Prerequisites: INED 104

INED 108 (P/T) 3 Credits

PRINCIPLES OF TECHNOLOGY

Quarters: Fall, Winter

Focuses on applying physical concepts and formulae to technology found in the industrial workplace. Students will develop and strengthen critical thinking and problem solving skills required to function and excel in rapidly changing and increasingly complex workplace environments. Lab experiments are intended to reinforce and enhance the scientific principles discussed in class as well as providing an opportunity to learn to work effectively in groups. The impact of technology on energy efficiency in the workplace is studied.

INED 109 (P/T) 3 Credits

HVAC SYSTEM CONTROLS

Quarters: Fall, Spring

Students will learn the concepts of the basic operations of various heating and cooling systems for a variety of applications. This course focuses on maintenance and service procedures for initial tuning of HVACR systems for energy efficiency. Practical application of skills include: taking pressures, identifying refrigerants, recovering and recycling refrigerant, evacuating and charging refrigeration systems. Also included are all applicable safety precautions and EPA governed environmental regulations. Energy efficiency will be emphasized. Includes preparation for EPA certification, ESCO HVAC Excellence program.

INED 111 (P/T) 2 Credits

PREVENTIVE MAINTENANCE/ENERGY CONSE

Quarters: Offered as needed

Examines the development and implementation of a preventive maintenance program using proven actions and procedures and common computer software. Students will learn how to design, construct, and maintain industrial transfer systems. The emphasis of this course is the application of preventive maintenance strategies to increase efficiency.

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Course Descriptions

INED 112 (P/T) 3 Credits CONTROL SYSTEMS

Quarters: Fall, Spring

Students will learn fundamentals of programmable logic control (PLC) operation, and troubleshooting. Variable speed drive operation and programming is covered as are process control principles for temperature and flow. Emphasis is on understanding of control operations for efficiency.

INED 113 (P/T) 2 Credits BASIC HYDRAULICS

Quarters: Fall, Winter

Use of various forms of fluids to produce power and to do mechanical work. Basics of hydropower systems such as design types, systems, and suitability. Students will do a site investigation, measure head pressure, flow rate, calculate the power contained in moving water, and investigate the fundamental principles of operations of hydraulic and pneumatic systems. Includes schematics, troubleshooting, maintenance, and components of systems such as pumps, valves, cylinders, and motors. Emphasis will be on operation of fluid power systems for energy savings and pollution controls.

INED 114 (P/T) 3 Credits BASIC PNEUMATICS

Quarters: Winter, Spring

Provides instruction in the fundamental principles of pneumatic systems. Investigates the basic components of pneumatic systems such as pumps, valves, cylinders, and motors.

INED 115 (P/T) 3 Credits PROCESS CONTROL AND INSTRUMENTATION

Quarters: Winter

Provides an introduction to process control and instrumentation. Students will develop a working production line that includes sensors, pneumatics, PLCs, and motor controls. Energy efficiency and maintenance, troubleshooting, and repair of control systems is emphasized. Some sections may have a low-cost text book option.

INED 116 (P/T) 3 Credits FLUID POWER I

Quarters: Offered as needed

Use of various forms of fluids to produce power and to do mechanical work. Basics of hydropower systems such as design types, systems, and suitability. Students will do a site investigation, measure head pressure, flow rate, calculate the power contained in moving water, and investigate the fundamental principles of operations of hydraulic and pneumatic systems. Includes schematics, troubleshooting, maintenance, and components of systems such as pumps, valves, cylinders, and motors. Emphasis will be on operation of fluid power systems for energy savings and pollution controls.

INED 156 (P/T) 3 Credits EMPLOYMENT STRATEGIES

Quarters: Summer, Winter

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 157 (P/T) 2 Credits EMPLOYMENT STRATEGIES

Quarters: Summer, Fall, Winter, Spring

This course prepares students to create a resume and cover letter, research internet job sources and job search techniques, prepare portfolio of work examples and contact potential employers. Provides practical experience through mock interviews -via a variety of methods. discusses appropriate preparation for interviews- including: phone interviews, skype interviews, appropriate dress, portfolio building. Includes strength based career seeking and working with varied personalities in the work place. Some sections may have a low-cost or no-cost text book option.

INED 167 (P/T) 4 Credits CAD I 2D DRAWING

Quarters: Spring

Introduces 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.

INED 203 (P/T) 4 Credits ADVANCED MECHANICAL SYSTEMS

Quarters: Spring

Learn to troubleshoot, maintain and repair drive systems; bearings and lubrications systems; and industrial pumps and valves. Fundamentals of vibration and oil analysis, shaft alignment, handling and mounting bearings, and operating lubrication systems. Emphasis is placed on effective maintenance of belt, chain, and gear drives for maximum energy efficiency. Appropriate pump and valve selection and print reading for correct installation is stressed. Prerequisites: INED 103

INED 212 (P/T) 3 Credits INDUSTRIAL SAFETY AND MANAGEMENT

Quarters: Fall, Spring

Examines and identifies prevention methods for various hazards associated with industry. Areas examined include machinery, environmental, and confined spaces. Safety management and governmental compliance will also be addressed.

INED 213 (P/T) 3 Credits ADVANCED CONTROL SYSTEMS

Quarters: Fall

Develop advanced skills in programming PLCs. Students will learn to convert common industrial control circuits to PLC ladder logic as well as create programs from narrative description. Special emphasis will be placed on interfacing the PLC with a selection of electro-pneumatic control devices. Also covered are interpreting PLC data sheets and systemic approach to testing and troubleshooting of PLC programs.

INED 225 (P/T) 4 Credits STRUCTURE AND FABRICATION II

Quarters: Winter

Entry level class that covers safety and basic knowledge of Industrial Structures, including blue print reading and shop drawing: using various ways to bond material together. Students will be introduced to the fundamental principles of MIG welding, TIG welding, and Plasma cutting. This course demonstrates the importance of common construction techniques as they relate to a variety of building materials. This may include materials such as wood, plastics, metal, concrete, and other composites.

INED 280 (P/T) 6 Credits
INDUSTRIAL COOP WORK EXP
Quarters: Summer, Fall, Winter, Spring
Applies actual work experience in a related Career and Technical field. An on-site supervisor evaluates and supervises the work experience student. Requires instructor approval of work setting and placement. Documentation of 36 worksite hours for each credit earned.

Journalism

JOUR 226 3 Credits
INTRO TO JOURNALISM
Quarters: Offered as needed
Describes the editorial business and mechanical procedures used in newspaper/broadcast news production. Includes printing and production processes, page layout, broadcast packaging, style, headline/teaser writing. Prerequisites: JOUR 216

Library

LIB 101 1 Credit
INTRODUCTION TO RESEARCH
Quarters: Summer, Fall, Winter, Spring
This course teaches students an understanding of both the research process as well as essential research skills. Students will learn how to identify and narrow research topics, plan and carry out research, identify credible sources, and utilize appropriate citation methods. Some sections may have a low-cost text book option.

Mathematics

MATH 010 4 Credits
BASIC MATHEMATICS I
Quarters: Offered as needed
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. Prerequisites: Suitable placement score.

MATH 020 4 Credits
BASIC MATHEMATICS II
Quarters: Summer, Fall, Winter
Reviews basic math up to algebra, equipping the student with everyday math skills, and preparing for success in later math courses. Prerequisites: Pass MATH 10, or suitable placement score.

MATH 025 4 Credits
PREALGEBRA
Quarters: Summer, Fall, Winter, Spring
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. Prerequisites: Pass MATH 20, or suitable placement score.

MATH 060 5 Credits
BEGINNING ALGEBRA I
Quarters: Summer, Fall, Winter, Spring
No familiarity with Algebra is assumed, presents Introductory Algebra, critical thinking, and problem solving techniques. Includes operations with real numbers, unit analysis, proportional reasoning, solving linear equations and inequalities (systems of linear equations), introduction to graphing (graphing calculator), concepts of function, Prerequisites: Pass MATH 25 with a "C-" or better, or suitable placement score.

MATH 062 4 Credits
QUANTITATIVE LITERACY I
Quarters: Offered as needed
Math 062 Quantitative Literacy I is the first of two courses for non-math and non-science majors integrating numeracy, proportional reasoning, algebraic reasoning and concept of functions. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. Upon completion of this course students will be ready for MATH 092 Quantitative Literacy II. Prerequisites: Complete Math 025 Prealgebra with a C- or better grade of suitable placement score.

MATH 063 4 Credits
TECHNICAL MATH I
Quarters: Summer, Fall, Winter, Spring
This course is an applied Algebra course equivalent to MATH060, but designed to meet the needs of technical/vocational students. Topics include: Tools of Algebra, Formulas and Equations, Right Triangle and Quantitative Geometry.. Some sections may have a low-cost or no-cost text book option. Prerequisites: Pass MATH 25 with a "C-" or better, or suitable placement score.

MATH 065 5 Credits
BEGINNING ALGEBRA II
Quarters: Offered as needed
Presents introductory algebra, critical thinking and problem solving techniques. Includes linear equations, introduction to graphing (graphing calculator), concept of function, factoring polynomials, solving quadratic equations, simplifying rational and radical expressions, solving rational and radical equations. Prerequisites: Complete MATH 025 with a "B" or better, or suitable placement score.

MATH 070 5 Credits
ALGEBRA REVIEW
Quarters: Summer, Fall, Winter, Spring
Emphasizes critical thinking skills and integration of technology to solve problems. Includes Introductory Algebra Review, Functions and Linear and Absolute Value Equations and Inequalities, Modeling with Linear Functions, Quadratic Functions, Modeling with Quadratic Functions, Operations, Special Products and Factoring, Solving Quadratic Equations with Square Roots, The Quadratic Formula, Solving Maxima and Minima Problems, Complex Numbers, Vertex Form and Inequalities, Functions. Prerequisites: Complete MATH060 with a C- or better, MATH 65 with a D grade or suitable placement test score.

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Course Descriptions

MATH 092 4 Credits QUANTITATIVE LITERACY II

Quarters: Offered as needed

Math 092 Quantitative Literacy II is the second of two courses for non-math and non-science majors integrating numeracy, proportional reasoning, algebraic reasoning and concept of functions. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. Upon completion of this course students will be ready for MATH 105 Contemporary Math. Prerequisites: Complete MATH 062 With a C- or better grade.

MATH 093 4 Credits TECHNICAL MATH II

Quarters: Summer, Fall, Winter, Spring

Introduces the study and application of linear, quadratic, power, exponential, and logarithmic expressions and functions. Working with real data, the mathematics of curve fitting will be developed making extensive use of the graphing calculator. This course concludes the developmental mathematics sequence. Prerequisites: Complete MATH 063 with a C- or better grade.

MATH 095 5 Credits INTERMEDIATE ALGEBRA I

Quarters: Summer, Fall, Winter, Spring

Emphasizes critical thinking skills and integration of technology to solve problems. Includes Functions and Linear Equations, Quadratic Equations, Inequalities and Square Roots, Ratios, Variation, Rational Functions, Exponents, Radicals, Exponential and Logarithmic Functions. Prerequisites: Complete MATH 070 with a "C-" or better, or pass MATH 096 with an "D" grade, or suitable placement score. Co-requisite: MATH 103

MATH 096 5 Credits INTERMEDIATE ALGEBRA II

Quarters: Offered as needed

Emphasizes critical thinking skills and integration of technology to solve problems. Includes Linear Equations, and Systems of Equations. Quadratic Equations, Inequalities, Rational Equations, Exponential and Logarithmic Functions, Modeling and Graphs of Nonlinear Models. Co-requisite: MATH 103, Prerequisites: Pass MATH 065 with a "C-" or better, or pass MATH 060 with an "A" or "B", or suitable placement score.

MATH 098 6 Credits QUANTITATIVE LITERACY

Quarters: Offered as needed

Quantitative Literacy is a one quarter course for non-math and non-science majors integrating numeracy, proportional reasoning, algebraic reasoning and functions. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. Upon successful completion of the course, students may take MATH 105. Prerequisites: Math 025, or placement scores sufficient for entry into MATH 060 or higher

MATH 103 1 Credit INTRO TO GRAPHING CALCULATORS

Quarters: Summer, Fall, Winter, Spring

Introduces graphing technology with an emphasis on mathematical applications. Presents graphing calculator skills which are normally acquired in Math 70 and 95. Some sections may have a low-cost or no-cost text book option. Prerequisites: MATH 060.

MATH 105 4 Credits MATH IN SOCIETY

Quarters: Summer, Fall, Winter, Spring

Math in Society is a rigorous mathematics course designed for students majoring in Liberal Arts and Humanities. The course provides a solid foundation in quantitative reasoning, symbolic reasoning, and problem solving techniques needed to be a productive contributing citizen in the 21st century. Some sections may have a low-cost or no-cost text book option. Prerequisites: Complete MATH 095, or MATH 098 with a "C-" or better, or suitable placement score. If enrolling based on placement score, then the student must co-req with MATH 103.

MATH 111 4 Credits COLLEGE ALGEBRA

Quarters: Summer, Fall, Winter, Spring

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. Prerequisites: Pass MATH 95 with a "C" or better, or suitable placement score. Enrolling based on Placement score, then the student must co-req with MATH 103.

MATH 112 4 Credits ELEMENTARY FUNCTIONS

Quarters: Summer, Fall, Winter, Spring

Studies trigonometry and problem solving, including trigonometric functions and their graphs and inverse functions, trigonometric identities and equations, and vectors. Prerequisites: Pass MATH 111 with a "C-" or better, or suitable placement score.

MATH 113 4 Credits ANALYSIS/GEOMETRY/PRECALCULUS

Quarters: Summer, Fall, Winter, Spring

Studies pre-calculus, including matrices, determinants, sequences, series, probability, and analytical geometry. Prerequisites: Pass MATH 111 with a "C-" or better, or suitable placement score.

MATH 211 4 Credits FUNDAMENTALS OF ELEMENTARY MATH I

Quarters: Fall

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. Prerequisites: Pass MATH 95 or MATH 96 with a "C-" or better, or suitable placement score.

MATH 212 4 Credits FUNDAMENTALS OF ELEMENTARY MATH II

Quarters: Winter

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. Prerequisites: Pass MATH 95 or MATH 96 with a "C-" or better, or suitable placement score.

MATH 213 4 Credits FUNDAMENTALS OF ELEMENTARY MATH III

Quarters: Spring

Prepares the future elementary school teacher to teach math more effectively by giving them a deeper understanding of math, including geometry. Prerequisites: Pass MATH 95 or MATH 96 with a "C-" or better, or suitable placement score.

MATH 241 4 Credits
CALCULUS FOR MGMT, LIFE SOCIAL SCI
Quarters: Offered as needed
Calculus for Management, Life and Social Science Topics include limits, continuity, derivatives, and integrals. Applications are investigated from science, business, and social science perspectives. Graphics calculator required. TI 84/89 calculator recommended. Prerequisites: Pass Math 111 with a C- or better, or suitable placement score.

MATH 242 4 Credits
CALCULAS FOR MGMT,SOCIAL SCI II
Quarters: Offered as needed
Introduction to differential and integral calculus of polynomial, rational, exponential and logarithmic functions with applications in the social and managerial sciences. Prerequisites: Pass Math 241 with a C- or better.

MATH 243 4 Credits
INTRO TO PROBABILITY AND STATISTICS I
Quarters: Fall, Winter, Spring
Introduces elementary statistics, including frequency, descriptive statistics, correlation, regression, measures of center probability, binomial and standards distributions and central limit theorem. Prerequisites: Pass MATH 111 or 105 with a "C-" or better, or suitable placement score.

MATH 244 4 Credits
INTRO TO PROBABILITY AND STATISTIC II
Quarters: Summer, Winter, Spring
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. Prerequisites: Pass MATH 243 with a "C-" or better.

MATH 251 5 Credits
CALCULUS I
Quarters: Fall, Winter
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.

MATH 252 5 Credits
CALCULUS II
Quarters: Winter
Explores integral calculus of single, real variable functions, including definite and indefinite integrals, and techniques and applications of integration. Prerequisites: Pass MATH 251 with a "C-" or better.

MATH 253 5 Credits
CALCULUS III
Quarters: Spring
Explores differential equations, sequences, series, and applications. Prerequisites: Pass MATH 252 with a "C-" or better. MATH 113 strongly recommended.

Medical Assistant

MA 112 (P/T) 4 Credits
INTRO TO MEDICAL ASSISTING
Quarters: Fall, Winter, Spring
Focuses on administrative skills performed by the Medical Assistant in the ambulatory care setting. The course provides an introduction to the medical assistant profession, examines medical law and ethics, principles of confidentiality and medical office function. Introduces the medical assisting students to learn practical applications of billing medical insurance both manually and electronically. The course is designed to instruct the student in all phases of the administrative medical assistant.

MA 115 (P/T) 2 Credits
PHLEBOTOMY
Quarters: Fall, Winter, Spring
Focus of this course is to demonstrate appropriate blood specimen procurement techniques using vacutainer, syringe, 'winged infusion'/butterfly with syringe and capillary puncture methods. Other specifics of the blood specimen testing requirements, such as collection into the correct evacuated tube (additive), specimen handling procedures, and collection documentation are also covered; while assuring safe, confidential and professional environment for the patient, and as the phlebotomy technician. Practical experience which will include a minimum of 30 successful venipunctures and 10 successful capillary sticks. Required: Students must be admitted into the current MA cohort, or instructor consent. Prerequisites: MA 112, MA 117 with a grade of C+ or better. Co-requisite: MA 116

MA 116 (P/T) 4 Credits
INTRODUCTION TO MEDICATIONS
Quarters: Fall, Winter, Spring
Introduces the medical assisting students to pharmacology and medication administration, including review of basic mathematical equations and medications calculations. It is designed to give students the fundamentals of medications and the administration of medications essential to the practice of medical assisting. Prerequisites: MA 112, MA 117 and MATH 60 with a grade of C+ or better. Co-requisite: MA 115

MA 117 (P/T) 4 Credits
CLINICAL PROCEDURES
Quarters: Fall, Winter, Spring
This course is designed to instill a basic understanding of simple, common laboratory terminology and procedures used in a general medical office laboratory to aid the physician in the diagnosis of disease. Laboratory safety, the prevention of blood born disease transmission and scope of practice will be emphasized. Required: Instructor consent Enrolled in Medical Assistant program. Prerequisites: BIOL121 with a grade of C+ or better

MA 118 (P/T) 5 Credits
MEDICAL ASSISTANT EXTERNSHIP
Quarters: Summer, Fall, Winter, Spring
Under supervision within the ambulatory care setting, the student will apply both administrative and clinical knowledge and practices as attained within the Medical Assisting course curriculum. Required: Instructor consent. Student must complete and pass all required curriculum, pass criminal history back ground check and urine drug/alcohol screen in order to be placed in a practicum site. Some sections may have a no-cost text book option. Prerequisites: Completion of all MA course work, co-requisite MA 119.

MA 119 (P/T) 1 Credit
EXTERNSHIP SEMINAR
Quarters: Summer, Fall, Winter, Spring
Reflection on Medical Assistant's externship experiences. The student will discuss thoughts, experiences, and feelings about their work in the healthcare environment. This class will also serve as an opportunity to review information before the student undergoes testing for Certification. Co-requisite: MA 118 Some sections may have a no-cost text book option. Prerequisites: Completion of all MA coursework.

Medical Record

MREC 116 (P/T) 3 Credits
MEDICAL OFFICE PROCEDURES
Quarters: Summer, Fall, Winter
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 210 (P/T) 3 Credits
MEDICAL BILLING I
Quarters: Summer, Fall, Winter, Spring
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
Quarters: Summer, Fall, Winter, Spring
Continues, with additional emphasis, addressing areas covered in MREC 210. Covers hospital billing for both inpatient and outpatient. Prerequisites: MREC 210

Music - Performance

MUP 102 1 Credit
INTERMEDIATE CONCERT BAND
Quarters: Fall, Winter, Spring
Student musicians study and perform traditional and contemporary intermediate level band literature. Prerequisites: Previous experience in a band setting or ability to play an instrument at a level two.

MUP 114 1 Credit
SPECIAL ENSEMBLES
Quarters: Offered as needed
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 1 Credit
APPLIED PIANO
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 173 1 Credit
APPLIED ORGAN
Quarters: Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 174 1 Credit
APPLIED VOICE
Quarters: Summer, Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 175 1 Credit
APPLIED VIOLIN
Quarters: Summer, Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 176 1 Credit
APPLIED VIOLA
Quarters: Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 177 1 Credit
APPLIED CELLO
Quarters: Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 178 1 Credit
APPLIED BASS
Quarters: Summer, Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 180 1 Credit
APPLIED GUITAR
Quarters: Summer, Fall, Winter, Spring
Offers private instruction in voice, piano, woodwinds, brasses, percussion, strings, guitar, and other instruments for the first year student. Lessons on most instruments can be arranged. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 181 1 Credit
APPLIED FLUTE
Quarters: Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 183 1 Credit
APPLIED CLARINET
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 184 1 Credit
APPLIED SAXOPHONE
Quarters: Fall, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 186 1 Credit
APPLIED TRUMPET
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 188 1 Credit
APPLIED TROMBONE
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 192 1 Credit
APPLIED MISC INSTRUMENTS
Quarters: Summer, Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and other instruments for the first year student. Fee Required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Demonstrated ability, audition with instructor

MUP 202 1 Credit
CONCERT BAND
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

MUP 205 2 Credits
JAZZ BAND
Quarters: Fall, Winter, Spring
Offers applied study and performance in an ensemble, by audition. Concentrates on big band jazz arrangements and jazz ensemble styles. Some sections may have a no-cost text book option.

MUP 214 1 Credit
SPECIAL ENSEMBLES
Quarters: Offered as needed
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.

MUP 215 1 Credit
WIND ENSEMBLE
Quarters: Offered as needed
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 1 Credit
TREASURE VALLEY CHORALE
Quarters: Fall, Winter, Spring
Offers rehearsal and performance of choral literature. Open to all singers. Some sections may have a no-cost text book option.

MUP 222 2 Credits
CONCERT CHOIR
Quarters: Fall, Winter, Spring
Performs choral literature of all styles and historical periods. No previous choral experience necessary. Some sections may have a no-cost text book option.

MUP 223 1 Credit
CHAMBER CHOIR
Quarters: Offered as needed
The ensemble will learn and perform vocal chamber music.

MUP 225 1 Credit
VOCAL JAZZ ENSEMBLE
Quarters: Offered as needed
Performs vocal jazz repertoire and other styles of music. Open by audition only.

MUP 242 1 Credit
SYMPHONY ORCHESTRA
Quarters: Fall, Winter, Spring
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. Some sections may have a no-cost text book option.

Treasure Valley Community College

Course Descriptions

MUP 271 1 Credit
APPLIED PIANO
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 273 1 Credit
APPLIED ORGAN
Quarters: Offered as needed
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 274 1 Credit
APPLIED VOICE
Quarters: Summer, Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 275 1 Credit
APPLIED VIOLIN
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 280 1 Credit
APPLIED GUITAR
Quarters: Summer, Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 281 1 Credit
APPLIED FLUTE
Quarters: Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 283 1 Credit
APPLIED CLARINET
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 284 1 Credit
APPLIED SAXOPHONE
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 286 1 Credit
APPLIED TRUMPET
Quarters: Fall, Winter
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 288 1 Credit
APPLIED TROMBONE
Quarters: Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

MUP 292 1 Credit
APPLIED MISC. INSTRUMENTS
Quarters: Summer, Fall, Winter, Spring
Offers private instruction in voice, piano, organ, woodwinds, brasses, percussion, strings, guitar, or other instrument for the second year student. Fee required. Some sections may have a low-cost or no-cost text book option. Prerequisites: Successful completion of three (3) consecutive terms of study in MUP 171-192 and/or demonstrated ability through audition with instructor

Music - Studio

MUS 101 3 Credits
MUSIC FUNDAMENTALS
Quarters: Summer, Fall, Winter, Spring
Acquaints students with the elements of music fundamentals. Includes note reading, rhythm skills, and basic theory. Some sections may have a low-cost text book option.

MUS 105 3 Credits
MUSIC APPRECIATION
Quarters: Fall, Winter, Spring
Examines the elements of music, classical music of the Western World, its historical creation, and involves listening to samples taken from select composers across the various historical periods and styles. Some sections may have a no-cost text book option.

MUS 111 4 Credits
MUSIC THEORY I
Quarters: Offered as needed
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 4 Credits
MUSIC THEORY I
Quarters: Offered as needed
Examines the elements, structures, and patterns of music and analyzes the styles of major composers. Includes writing music manuscript. Prerequisites: MUS 111, or instructor approval. Co-requisite: MUS 115.

MUS 113 4 Credits
MUSIC THEORY I
Quarters: Offered as needed
Examines the elements, structures, and patterns of music and analyzes the styles of major composers. Includes writing music manuscript. Prerequisites: MUS 112, or instructor approval. Co-requisite: MUS 116.

MUS 114 1 Credit
SIGHT SINGING/EAR TRAINING
Quarters: Offered as needed
Offers practice in dictation and reading music. Stresses solfege, written dictation of rhythms and intervals. Co-requisite: MUS 111.

MUS 115 1 Credit
SIGHT SINGING/EAR TRAINING
Quarters: Offered as needed
Offers practice in dictation and reading music. Stresses solfege, written dictation of rhythm and intervals. Co-requisite: MUS 112.

MUS 116 1 Credit
SIGHT SINGING/EAR TRAINING
Quarters: Offered as needed
Offers practice in dictation and reading music by sight. Stresses solfege, written dictation of rhythm and intervals. Co-requisite: MUS 113.

MUS 131 2 Credits
CLASS PIANO
Quarters: Offered as needed
Offers theory and practice in piano and basic keyboard techniques for the first quarter student.

MUS 132 2 Credits
CLASS PIANO
Quarters: Offered as needed
Offers theory and practice in piano and basic keyboard techniques for the first quarter student. Prerequisites: MUS 131, or instructor approval.

MUS 133 2 Credits
CLASS PIANO
Quarters: Offered as needed
Offers theory and practice in piano and basic keyboard techniques for the first quarter student. Prerequisites: MUS 132, or instructor approval.

MUS 201 3 Credits
INTRO TO MUSIC AND ITS LITERATURE
Quarters: Offered as needed
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 3 Credits
INTRO TO MUSIC AND ITS LITERATURE
Quarters: Offered as needed
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. Pre-requisite: MUS 201, or instructor approval.

MUS 203 3 Credits
INTRO TO MUSIC AND ITS LITERATURE
Quarters: Offered as needed
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. Pre-requisite: MUS 201, or instructor approval.

MUS 205 3 Credits
INTRO TO JAZZ HISTORY
Quarters: Offered as needed
Studies 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. The selected textbook is required.

MUS 206 3 Credits
INTRO TO THE HISTORY OF ROCK MUSIC
Quarters: Summer, Fall, Winter, Spring
Examines the elements of music, rock music, and its attendant sub-genres, its historical creation, and listening to samples taken from select artists across the different periods and styles. Some sections may have a low-cost text book option.

MUS 214 2 Credits
KEYBOARD HARMONY
Quarters: Offered as needed
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
Quarters: Offered as needed
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
Quarters: Offered as needed
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
Quarters: Offered as needed
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 (FFT2)

Quarters: Summer, Fall, Winter, Spring

Includes S-130, S-190, and L-180 training. Provides entry level firefighter skills, including the primary factors affecting the start and spread of wildfires, and recognition of potentially hazardous situations. Meets the fire behavior training needs of a firefighter type 2 (FFT2) on an incident as outlined in the PMS 310-1.

NATR 102 (P/T) 2 Credits

L-280 FOLLOWERSHIP TO LEADERSHIP

Quarters: Spring

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. Prerequisites: NATR 101

NATR 103 (P/T) 3 Credits

APPLIED BOTANY

Quarters: Spring

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

Quarters: Spring

Prepares the prospective supervisor to undertake safe and effective fire management operations. Develops fire behavior prediction knowledge and skills. Discusses fire environment differences. Prerequisites: NATR 101.

NATR 105 (P/T) 3 Credits

FIELD METHODS IN NATURAL RESOURCES

Quarters: Fall, Spring

This course serves as an introduction to field work in Natural Resources. Classes will be held largely outside using a variety of field measurement tools and methods used commonly by natural resource professionals in subdisciplines of water resources, wildlife, forestry, cartography, range management, surveying, and other related fields. Lab required

NATR 106 (P/T) 3 Credits

INTRO TO FIRE EFFECTS

Quarters: Fall

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

Quarters: Offered as needed

Provides general training needs for all positions requiring an understanding of interagency incident business management. Prerequisites: NATR 101.

NATR 108 (P/T) 2 Credits

S-270 BASIC AIR OPERATIONS

Quarters: Offered as needed

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. Prerequisites: NATR 101.

NATR 109 (P/T) 2 Credits

S-200 INITIAL ATTACK IC

Quarters: Spring

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, mopup, communications, and administrative duties. Prerequisites: NATR101, NATR 104.

NATR 111 (P/T) 5 Credits

INTRO TO NATURAL RESOURCES

Quarters: Fall

The term "Natural Resources" covers a variety of topics and disciplines. This course serves as an introduction to the broad diverse field of natural resources. Each week students will research and study various disciplines within Natural Resources. Much time will be focused on current issues in various fields. Field labs to regional natural resource sites as well as guest lectures will be held weekly. Lab required

NATR 112 (P/T) 2 Credits

GLOBAL POSITIONING SYSTEMS (GPS)

Quarters: Fall, Spring

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. Some sections may have a no-cost text book option.

NATR 115 (P/T) 2 Credits

S-230 CREW BOSS-SINGLE RESOURCE

Quarters: Spring

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. Prerequisites: NATR 101, NATR 102, NATR 104. Recommended prerequisite: NATR 121.

NATR 116 (P/T) 2 Credits

S-215 FIRE OPERATION WILDLAND/URBAN

Quarters: Spring

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 followup and safety.

NATR 117 (P/T) 1 Credit

S-231 ENGINE BOSS-SINGLE RESOURCE

Quarters: Spring

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

Quarters: Winter, Spring

Meets the advanced training needs of the Firefighter Type I (FFT1) in an interactive format. Contains several tactical decision games designed to facilitate learning the objectives. Prerequisites: NATR 101 and one year experience in the field.

NATR 122 (P/T) 2 Credits

S-390 WILDLAND FIRE BEHAVIOR CALC

Quarters: Winter

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

Quarters: Winter

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

Quarters: Offered as needed

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

Quarters: Winter

Introduces the development, understanding, and practical use of planimetric and topographic maps, along with aerial photographs. Includes map scale, finding distances, directions, and area on maps and photos, and identification of map and photos features. Also introduces application of GPS and GIS in Natural Resource Management. Lab required. Some sections may have a low-cost text book option.

NATR 201 (P/T) 3 Credits

ENVIRONMENT AND SOCIETY

Quarters: Winter

Provides an overview of the complex political, social and economic issues met when managing Natural Resources of the Pacific Northwest. The course exposes students to local, regional and global environmental issues faced by a growing society. Topics will include climate change, habitat loss, sustainability, environmental justice, and global population growth. The course develops critical thinking skills useful in seeking out complex resource management solutions for a dynamic society.

NATR 202 (P/T) 3 Credits

S-212 WILDLAND FIRE CHAIN SAWS

Quarters: Spring

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 FFT2, and current first aid/cpr certification.

NATR 203 (P/T) 2 Credits

S-211 PORTABLE PUMPS AND WATER USE

Quarters: Spring

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

Quarters: Spring

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

Quarters: Winter

Introduces ecology, including evolution, adaptation, plant and animal distributions, terminology, ecological relationships and interactions individual ecosystems, and global ecological principles. Stresses the ecology of the northwest.

NATR 241 (P/T) 4 Credits

INTRO TO RANGE MANAGEMENT

Quarters: Spring

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

OUTDOOR RECREATION MANAGEMENT

Quarters: Winter

Outdoor Recreation Management explores outdoor recreation as a vital aspect of natural resources and land management. Concepts discussed include multiple use management, recreational enterprises, state and federal outdoor recreation agencies, environmental education, and current topics in outdoor recreation. Lab required. Some sections may have a low-cost text book option.

NATR 252 3 Credits

WILDLIFE MANAGEMENT

Quarters: Winter

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.

NATR 280 1 Credit

NATURAL RESOURCE COOP WK EXP

Quarters: Summer

Designed to give students an opportunity to acquire actual work experience in their chosen field. An on-site supervisor will supervise and evaluate the work experience student. Instructor approval of work setting and placement is required. For each credit earned, the student will need to document 36 hours at the work site.

NATR 290 (P/T) 1 Credit
NATURAL RESOURCE FIELD STUDIES CAMP
Quarters: Summer

Introduces students to field work within the Natural Resource discipline at a remote work site. Field Studies emphasizes critical thinking in the field, teamwork approaches to field work problem solving, using technology in the field, and working in adverse weather conditions. This course may require multiple days in the field. Backcountry hiking and camping required.

Nursing

NURS 090 8 (P/T) 0 Credit
MEDICATION ASSISTANT
Quarters: Offered as needed

This course leads to eligibility for certification as a Medication Assistant in the state of Oregon, and meets all Oregon State Board of Nursing requirements. Upon completion of the course students will be able to safely, legally, and accurately administer and document medications to clients in appropriate healthcare settings. This course follows the approved OSBN curriculum requirements for Certified Medication Aide in Oregon. Prerequisites: Current Oregon or Idaho Certified Nursing Assistant I certification, 6 months documented full time Certified Nurses Aide I work experience (or equivalent part time experience), criminal background check).

NRS 110 (P/T) 9 Credits
FOUNDATIONS OF NURSING-HEALTH PROMO
Quarters: Fall

Introduces the learner to framework of the OCNE curriculum. The emphasis on health promotion across the life span includes learning about self-health as well as patient health practices. To support self and patient health practices, students learn to access research evidence about healthy lifestyle patterns and risk factors for disease/illness, apply growth and development theory, interview patients in a culturally sensitive manner, work as members of a multidisciplinary team giving and receiving feedback about performance, and use reflective thinking about their practice as nursing students. Populations studied in the course include children, adults, older adults and the family experiencing a normal pregnancy. Includes classroom and clinical learning experiences. The clinical portion of the course includes practice with therapeutic communication skills and selected core nursing skills identified in the OCNE Core Nursing Skills document. Prerequisites: Admission to the Nursing Program.

NRS 111 (P/T) 6 Credits
FOUND OF NURSING: CHRONIC ILLNESS I
Quarters: Winter

Introduces assessment and common interventions (including technical procedures) for clients with chronic illnesses common across the life span in major ethnic groups within Oregon and Idaho. The client's and family's "lived experience" of the condition is explored. Clinical practice guidelines and research evidence are used to guide clinical judgments in care of individuals with chronic conditions. Multidisciplinary team roles and responsibilities are considered in the context of delivering safe, high quality health care to individuals with chronic conditions (includes practical and legal aspects of delegation). Cultural, ethical, legal and health care delivery issues are explored through case scenarios and clinical practice. Case exemplars include children with asthma, adolescents with a mood disorder, adults with Type 2 Diabetes, and older adults with dementia. The course includes classroom and clinical learning experiences. Prerequisites: NRS 110 Co-requisite: NRS 230 and NRS 232

NRS 112 (P/T) 6 Credits
FOUND OF NURSING: ACUTE CARE I
Quarters: Spring

Introduces the learner to assessment and common interventions (including relevant technical procedures) for care of patients across the life span who require acute care, including normal childbirth. Disease/illness trajectories and their translation into clinical practice guidelines and/or standard procedures are considered in relation to their impact on providing culturally sensitive, client-centered care. Includes classroom and clinical learning experiences. Prerequisites: NRS 111 Co-requisite: NRS 231, NRS 233

NRS 221 (P/T) 9 Credits
NURSING IN CHRONIC ILLNESS II
Quarters: Winter

This course builds on foundations of nursing in Chronic Illness I. Chronic Illness II expands the student's knowledge related to family care giving, symptom management, and end of life concepts. These concepts are a major focus and basis for nursing interventions with patients and families. Ethical issues related to advocacy, self-determination, and autonomy are explored. Complex skills associated with the assessment and management of concurrent illnesses and conditions are developed within the context of patient and family preferences and needs. Skills related to enhancing communication and collaboration as a member of an inter-professional team and across health care settings are further explored. Exemplars include patients with chronic mental illness and addictions as well as other chronic conditions and disabilities affecting functional status and family relationships. Prerequisites: Completion of First Year of Nursing Curriculum: NRS 110, NRS 111, NRS 112, NRS 230, 231, 232, 233

NRS 222 (P/T) 9 Credits
NURSING IN ACUTE CARE II AND END-OF-L
Quarters: Fall

Course builds on Nursing in Acute Care I, focusing on more complex and/or unstable patient care conditions, some of which may result in death. These patient care conditions require strong noticing and rapid decision making skills. Evidence base is used to support appropriate focused assessments, and effective, efficient nursing interventions. Life span and developmental factors, cultural variables, and legal aspects of care frame the ethical decision-making employed in patient choices for treatment or palliative care for disorders with an acute trajectory. Case scenarios incorporate prioritizing care needs, delegation and supervision, and family and patient teaching for either discharge planning or end-of-life care. Exemplars include acute conditions affecting multiple body systems. Prerequisites: Completion of First year of Nursing Curriculum: NRS 110, NRS 111, NRS 112, NRS 230, 231, 232, and 233

NRS 224 (P/T) 9 Credits
INTEGRATIVE PRACTICUM I
Quarters: Spring

Course is designed to formalize the clinical judgments, knowledge and skills necessary in safe, registered nurse practice. Faculty/Clinical Teaching Associates/Student Triad Model provides a context that allows the student to experience the nursing role in a selected setting, balancing demands of professional nursing and lifelong learning. Analysis and reflection throughout the clinical experience provide the student with evaluate criteria against which they can judge their own performance and develop a practice framework. Prerequisites: NRS 110, NRS 111, NRS 112, NRS 230, 231, 232, NRS 221 and NRS 222

NRS 230 (P/T) 3 Credits
CLINICAL PHARMACOLOGY I
Quarters: Winter

Course introduces the theoretical background that enables students to provide safe and effective care related to drugs and natural products to persons throughout the lifespan. It includes the foundational concepts of principles of pharmacology, nonopioid analgesics, and antibiotics, as well as additional classes of drugs. Students will learn to make selected clinical decisions in the context of nursing regarding using current, reliable sources of information, understanding of pharmacokinetics and pharmacodynamics, developmental physiologic considerations, monitoring and evaluating the effectiveness of drug therapy, teaching persons from diverse populations regarding safe and effective use of drugs and natural products, intervening to increase therapeutic benefits and reduce potential negative effects, and communicating appropriately with other health professionals regarding drug therapy. Drugs are studied by therapeutic or pharmacological class using an organized framework. Prerequisites: Anatomy and Physiology Sequence, and Microbiology

NRS 231 (P/T) 3 Credits
CLINICAL PHARMACOLOGY II
Quarters: Spring

Sequel to Clinical Pharmacology I continues to provide the theoretical background that enables students to provide safe and effective nursing care related to drugs and natural products to persons throughout the lifespan. Students will learn to make selected clinical decisions in the context of nursing regarding using current, reliable sources of information, monitoring and evaluating the effectiveness of drug therapy, teaching persons from diverse populations regarding safe and effective use of drugs and natural products, intervening to increase therapeutic benefits and reduce potential negative effects, and communicating appropriately with other health professionals regarding drug therapy. The course addresses additional classes of drugs and related natural products not contained in Clinical Pharmacology I. Prerequisites: NRS 230

NRS 232 (P/T) 3 Credits
PATHOPHYSIOLOGICAL PROCESSES I
Quarters: Fall

Course introduces pathophysiological processes that contribute to many different disease states across the lifespan and human responses to those processes. It includes foundational concepts of cellular adaptation, injury, and death; inflammation and tissue healing; fluid and electrolyte imbalances; and physiologic response to stressors and pain, as well as additional pathophysiological processes. Students will learn to make selective clinical decisions in the context of nursing regarding using current, reliable sources of pathophysiology information, selecting and interpreting focused nursing assessments based on knowledge of pathophysiological processes, teaching persons from diverse populations regarding pathophysiological processes, and communicating with other health professionals regarding pathophysiological processes. Prerequisites: Anatomy and Physiology Sequence, and Microbiology

NRS 233 (P/T) 3 Credits
PATHOPHYSIOLOGICAL PROCESSES II
Quarters: Winter

Sequel to Pathophysiological Processes I continues to explore pathophysiological processes that contribute to disease states across the lifespan and human responses to those processes. Students will learn to make selected clinical decisions in the context of nursing regarding using current, reliable sources of pathophysiology information, selecting and interpreting focused nursing assessments based on knowledge of pathophysiological processes, and communicating with other health professionals regarding pathophysiological processes. The course addresses additional pathophysiological processes not contained in Pathophysiological Processes I. Prerequisites: NRS 111, NRS 230

Office Administration

OA 116 (P/T) 3 Credits
OFFICE PROCEDURES

Quarters: Summer, Fall, Winter, Spring

Provides the foundation necessary for entry-level employment as an office assistant with exercises that simulate entry-level administrative work situations.

OA 120 (P/T) 3 Credits
BUSINESS EDITING

Quarters: Summer, Fall, Winter

This course focuses on the development of basic keyboarding skills while emphasizing the production of a wide range of typical business correspondence from unarranged and rough-draft sources. It introduces effective proof reading techniques emphasizing spelling, word division, capitalization, abbreviations, numbers, grammar, punctuation, and formatting of business documents using current office practices. Prerequisites: minimum typing speed of 35 wpm

OA 121 (P/T) 3 Credits
KEYBOARDING I

Quarters: Spring

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

Quarters: Spring

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

Quarters: Offered as needed

Emphasizes improvement of proficiency in keyboarding skills (speed and accuracy). Lab included.

OA 220 (P/T) 3 Credits
ADVANCED DOCUMENT PRODUCTION

Quarters: Summer, Winter, Spring

Covers development of correct formats for business reports, letters, memos, tabbed columns, and forms. Use a variety of input methods, such as dictation and printed rough drafts. Stresses application of language arts skills. Develops the skill to produce documents accurately within specified time. Prerequisites: OA 120, BT 221

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Course Descriptions

OA 240 (P/T) 3 Credits
RECORDS MANAGEMENT
Quarters: Summer, Fall, Winter, Spring
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 251 (P/T) 3 Credits
OFFICE MANAGEMENT
Quarters: Spring
Provides a capstone experience in the Office Administration program. This course offers both a theoretical and a practical hands-on approach to managing complex business projects. Students learn the life cycle of a project and develop essential skills to define the critical path of a project. Students integrate spreadsheet, texting-editing, presentation, and project management skills to develop and track a comprehensive team-based project. Some sections may have a no-cost text book option. Prerequisites: OA 116, BA 206, OA 120, OA 220, BT 221

OA 280 1 Credit
OFFICE APPLICATIONS COOP WK EXP
Quarters: Summer, Fall, Winter, Spring
Designed to give students an opportunity to acquire actual work experience in their chosen field. An on-site supervisor will supervise and evaluate the work experience student. Instructor approval of work setting and placement is required. For each credit earned, the student will need to document 36 hours at the work site. Some sections may have a no-cost text book option.

Philosophy

PHIL 101 3 Credits
PHILOSOPHICAL PROBLEMS
Quarters: Fall, Winter
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.

Physics

PHYS 201 4 Credits
GENERAL PHYSICS I
Quarters: Fall
Explores classical mechanics, including motion, forces, and energy. Intended for students without a calculus background. Lab required. Prerequisites: MATH 112

PHYS 202 4 Credits
GENERAL PHYSICS II
Quarters: Winter
Explores fluids, elasticity, waves and sound, thermodynamics, and electrostatics. Intended for students without a calculus background. Lab required. Prerequisites: PHYS 201.

PHYS 203 4 Credits
GENERAL PHYSICS III
Quarters: Spring
Explores electric and magnetic theory, electronics, light, and optics. Intended for students without a calculus background. Lab required. Prerequisites: PHYS 202.

PHYS 211 5 Credits
CLASSICAL PHYSICS I
Quarters: Fall
Explores classical mechanics, including motion, forces, and energy. Intended for students with a calculus background. Lab required. Prerequisites: MATH 251 or concurrent enrollment in MATH 251.

PHYS 212 5 Credits
CLASSICAL PHYSICS II
Quarters: Winter
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
Quarters: Spring
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
Quarters: Fall
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
Quarters: Winter
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
Quarters: Spring
Examines the three branches of government plus governmental bureaucracies. Analyzes major policy areas of national government. Some sections may have a low-cost text book option.

Psychology

PSYC 101 3 Credits
PSYCHOLOGY OF HUMAN RELATIONS
Quarters: Summer, Fall, Winter, Spring
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
Quarters: Summer, Fall, Winter, Spring
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
Quarters: Summer, Fall, Winter, Spring
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.
Prerequisites: PSYC 201, or BIOL 101.

PSYC 203 3 Credits
GENERAL PSYCHOLOGY
Quarters: Summer, Spring
Stresses abnormal psychology and social psychology. Discusses theories of personality adjustment, abnormal psychology, psychological intervention, stress, conflict, and social psychology.
Prerequisites: PSYC 201, or BIOL 101.

PSYC 231 3 Credits
HUMAN SEXUALITY
Quarters: Fall
A comprehensive study of human sexuality with an emphasis on sexual issues from scientific and humanistic perspectives. This course includes a survey of historical, cultural and cross-cultural variation in sexuality, sex research, female and male sexual and reproductive anatomy and physiology, gender issues, sexual response, sexual communication, sexual behavior patterns, love and sexual orientations.

PSYC 235 3 Credits
INTRO TO HUMAN DEVELOPMENT I
Quarters: Winter
Discusses theoretical perspectives, and physiological, social, and psychological forces that impact the stages of human development from conception through late childhood.
Prerequisites: PSYC 201, or BIOL 101.

PSYC 236 3 Credits
INTRO TO HUMAN DEVELOPMENT II
Quarters: Spring
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.
Prerequisites: PSYC 201, or BIOL 101.

PSYC 237 4 Credits
SEASONS OF LIFE
Quarters: Summer, Fall, Winter, Spring
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.
Prerequisites: PSYC 201, or BIOL 101.

Reading

READ 080 3 Credits
READING IMPROVEMENT
Quarters: Offered as needed
Includes vocabulary development and comprehension skills basic to effective reading and necessary for the pursuit of a college education. Prerequisites: suitable placement score

READ 090 3 Credits
DEVELOPMENTAL READING
Quarters: Summer
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. Prerequisites: Pass READ 080 or suitable placement score.

READ 091 1 Credit
INDEPENDENT READING SKILLS
Quarters: Offered as needed
Students will use the online reading program Reading Plus to build reading skills at their individual pace. This program will individually assess student reading skills, identify skill deficiencies, create an individualized program of skill practice to address those deficiencies, and monitor student performance in specific skill areas as they progress through the program. Students will need to complete 45 lessons for this course.

READ 092 2 Credits
INDEPENDENT READING SKILLS
Quarters: Offered as needed
Students will use the online reading program Reading Plus to build skills at their individual pace. This program will individually assess student reading skills, identify skill deficiencies, create an individualized program of skill practice to address those deficiencies, and monitor student performance in specific skill areas as they progress through the program. Students will need to complete 90 lessons.

Religion

R 201 3 Credits
EASTERN RELIGIONS
Quarters: Fall
This course uses critical reading, thinking, writing, and discussion to examine the history, evolution, ideology, philosophy, sacred practices, and rituals of the dominant and lesser known religions in the Eastern tradition, including Hinduism, Buddhism, Taoism, Shinto, and Jainism.. Some sections may have a low-cost text book option. Prerequisites: Pass WR 115 with a "C-" or better, or suitable placement score.

R 202 3 Credits
WESTERN RELIGIONS
Quarters: Winter
This course uses critical reading, thinking, writing, and discussion to examine the history, evolution, ideology, philosophy, sacred practices, and rituals of the dominant and lesser known religions in the Western tradition, including Judaism, Christianity, Islam, and Zoroastrianism. Some sections may have a low-cost text book option. Prerequisites: Pass WR 115 with a "C-" or higher, or a suitable placement score.

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Course Descriptions

R 203 3 Credits
AMERICAN RELIGIONS
Quarters: Spring
This course uses critical reading, thinking, writing, and discussion to examine the history, evolution, ideology, philosophy, sacred practices, and rituals of the dominant and lesser known religions in the American tradition, including Mayan religion, Native American religions, Puritanism, LDS, Scientology, and others. Some sections may have a low-cost text book option.
Prerequisites: Pass WR 115 with a "C-" or higher, or a suitable placement score.

Social Work

SOWK 111 3 Credits
INTRO TO SOCIAL WORK
Quarters: Fall, Spring
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 AND POLICY
Quarters: Summer, Spring
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. Prerequisites: SOWK 111 or instructor approval.

Sociology

SOC 204 3 Credits
GENERAL SOCIOLOGY
Quarters: Summer, Fall, Winter, Spring
Presents basic theories, concepts, and processes involved in scientific study of society, including culture, socialization, social structure, social interaction, and formal organizations. Some sections may have a low-cost text book option.

SOC 205 3 Credits
GENERAL SOCIOLOGY
Quarters: Summer, Fall, Winter, Spring
Examines deviance. Studies social stratification, issues of social class, gender, racial and ethnic groups, the elderly, and collective behavior. Some sections may have a low-cost text book option.

SOC 206 3 Credits
GENERAL SOCIOLOGY
Quarters: Summer, Spring
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
Quarters: Fall
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.

SOC 231 3 Credits
HUMAN SEXUALITY
Quarters: Fall
A comprehensive study of human sexuality with an emphasis on sexual issues from scientific and humanistic perspectives. This course includes a survey of historical, cultural and cross-cultural variation in sexuality, sex research, female and male sexual and reproductive anatomy and physiology, gender issues, sexual response, sexual communication, sexual behavior patterns, love and sexual orientations.

Spanish

SPAN 101 4 Credits
1ST YEAR SPANISH I
Quarters: Summer, Fall, Winter, Spring
First Year Spanish is based on the Standards of Learning Spanish. Instruction Incorporates the major organizing principles for the Standards for Foreign Language Learning: Communication, Cultures, Connections, Comparisons and Communities. Grammar is taught within the context of real world interaction in the target language (Spanish), including reading, writing, speaking, and listening.

SPAN 102 4 Credits
1ST YEAR SPANISH II
Quarters: Fall, Winter, Spring
First Year Spanish is based on the Standards of Learning Spanish. Instruction Incorporates the major organizing principles for the Standards for Foreign Language Learning: Communication, Cultures, Connections, Comparisons and Communities. Grammar is taught within the context of real world interaction in the target language (Spanish), including reading, writing, speaking, and listening. Pre-requisite: SPAN 101, Two years of high school Spanish, or instructor approval.

SPAN 103 4 Credits
1ST YEAR SPANISH III
Quarters: Winter, Spring
First Year Spanish is based on the Standards of Learning Spanish. Instruction Incorporates the major organizing principles for the Standards for Foreign Language Learning: Communication, Cultures, Connections, Comparisons and Communities. Grammar is taught within the context of real world interaction in the target language (Spanish), including reading, writing, speaking, and listening. Prerequisites: SPAN 102 or Instructor permission.

SPAN 201 4 Credits
2ND YEAR SPANISH I
Quarters: Offered as needed
Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisites: two years high school spanish, SPAN 103 or Instructor permission.

SPAN 202 4 Credits
2ND YEAR SPANISH II
Quarters: Offered as needed
Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisites: SPAN 201.

SPAN 203 4 Credits
2ND YEAR SPANISH III
Quarters: Offered as needed
Continues the review and expansion of vocabulary, grammar, conversation and composition. Introduction to cultural and literacy readings. Prerequisites: SPAN 202.

Speech

SP 111 3 Credits
FUNDAMENTALS OF SPEECH
Quarters: Summer, Fall, Winter, Spring
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. Some sections may have a low-cost text book option. Prerequisites: Pass WR 95 with a C- or better, or suitable placement score.

SP 112 3 Credits
PERSUASIVE SPEECH
Quarters: Fall
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: College level reading ability is an advantage.

SP 219 3 Credits
SMALL GROUP DISCUSSION
Quarters: Summer, Fall, Winter, Spring
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. Some sections may have a low-cost or no-cost text book option. Prerequisites: Pass WR95 with a C- or better, or suitable placement score.

Theatre

TA 100 3 Credits
INTRO TO THEATRE
Quarters: Fall, Winter, Spring
This course introduces theatre as an art form, as entertainment and as cultural phenomenon. It is designed to enhance the student's enjoyment and understanding of the theatrical experience through a thorough examination of theatre productions from the Ancient Greeks to more contemporary theatrical works. Course Note: This course is not intended to teach you how to be a theatre artist. You will not learn how to act, be a playwright, design, or direct a production. This course will invite you to view the world through the lens of a theatre artist from the perspective of an audience member. Some sections may have a low-cost text book option.

Welding

WELD 102 (P/T) 3 Credits
PIPE WELDING
Quarters: Spring
Designed for the student seeking employment in the welding industry where pipe welding is a major component. The student will be introduced to pipe layout and fitting techniques. The student will then apply their welding skills to produce welds in the 2G, 5G, and 6G positions to industry standards.. Prerequisites: WELD 150, WELD 160, WELD 120, WELD 103, or instructor approval.

WELD 103 (P/T) 5 Credits
SHIELDED METAL ARC WELDING II
Quarters: Fall, Winter, Spring
Instruction given in the selection and use of Shielded Metal Arc Welding (SMAW) equipment and in the basic techniques of safely welding ferrous metal in the five American Welding Society defined joint configurations and in the flat, horizontal, vertical and overhead positions. Included is the selection and use of mild steel electrodes. Prerequisites: WELD 150, or instructor approval

WELD 104 (P/T) 3 Credits
GAS METAL ARC WELDING
Quarters: Spring
Instruction given in the selection and use of Gas Metal Arc Welding (GMAW) equipment and in the basic techniques of safely welding ferrous and non-ferrous metals in the five American Welding Society defined joint configurations and in the flat, horizontal, vertical and overhead positions. Prerequisites: WELD 160, or instructor approval

WELD 105 (P/T) 2 Credits
ADVANCED PIPE WELDING
Quarters: Spring
Designed for the student to improve and expand the skills learned in WELD 102. The focus will be on welded joints requiring multiple welding processes to complete. Prerequisites: WELD160, WELD 102, or instructor approval

WELD 106 (P/T) 3 Credits
FLUX CORED ARC WELDING
Quarters: Fall, Winter, Spring
Instruction given in the selection and use of Flux Cored Arc Welding (FCAW) equipment and in the basic techniques of safely welding ferrous and metal in the five American Welding Society defined joint configurations and in the flat, horizontal, vertical and overhead positions. Proper electrode selection will be covered. Prerequisites: WELD 160, or instructor approval

WELD 120 (P/T) 3 Credits
WELDING SYMBOLS AND PRINT READING
Quarters: Fall, Winter, Spring
Designed to give the student an introduction to the basic concepts of industrial drawing systems used in the fabrication and erection of welded components. Emphasis is placed upon the application and understanding of welding symbols.

WELD 130 (P/T) 2 Credits
PERFORMANCE WELDING-OAW
Quarters: Fall, Winter, Spring
Performance Welding-OAW is designed for the student who needs to develop a higher level of manipulative skill proficiency then obtained in WELD 150. Some sections may have a low-cost or no-cost text book option. Prerequisites: WELD 150, or instructor approval

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Course Descriptions

WELD 131 (P/T) 2 Credits
PERFORMANCE WELDING-SMAW
Quarters: Fall, Winter, Spring
Performance Welding-SMAW is designed for the student who needs to develop a higher level of manipulative skill proficiency then obtained in WELD 150 or WELD 103. Some sections may have a low-cost or no-cost text book option. Prerequisites: WELD 150, or instructor approval

WELD 132 (P/T) 2 Credits
PERFORMANCE WELDING-GMAW
Quarters: Fall, Winter, Spring
Performance Welding-GMAW is designed for the student who needs to develop a higher level of manipulative skill proficiency then obtained in WELD 160 or WELD 104. Some sections may have a low-cost or no-cost text book option. Prerequisites: WELD 160, or instructor approval

WELD 133 (P/T) 2 Credits
PERFORMANCE WELDING-FCAW
Quarters: Fall, Winter, Spring
Performance Welding-FCAW is designed for the student who needs to develop a higher level of manipulative skill proficiency then obtained in WELD 160, or WELD 105. Prerequisites: WELD 160, or instructor approval

WELD 134 (P/T) 2 Credits
PERFORMANCE WELDING-GTAW
Quarters: Fall, Winter, Spring
Performance Welding-GTAW is designed for the student who needs to develop a higher level of manipulative skill proficiency then obtained in WELD 160. Prerequisites: WELD 160 or instructor approval

WELD 135 (P/T) 2 Credits
PERFORMANCE WELDING-CODE PRACTICAL
Quarters: Fall, Winter, Spring
Performance welding-Code Practical Plate is designed for the student who needs to develop a higher level of manipulative skill in preparation for a practical weld qualification test. Prerequisites: WELD 103, or instructor approval

WELD 136 (P/T) 2 Credits
PERFORMANCE WELDING-CODE PRACTICAL
Quarters: Fall, Winter, Spring
Performance Welding-Code Practical Pipe is designed for the student who needs to develop a higher level of manipulative skill proficiency then obtained in WELD 102. Prerequisites: WELD 102 or instructor approval

WELD 150 (P/T) 5 Credits
BASIC WELDING I
Quarters: Fall, Spring
Entry level class that covers safety and a basic knowledge of the setup and operation of the followings processes. Oxy-Acetylene Welding (OAW), Oxy-Acetylene Cutting (OAC), Plasma Arc Cutting (PAC), Air Carbon Arc Cutting (CAC-A) and Shielded Metal Arc Welding (SMAW).

WELD 160 (P/T) 5 Credits
BASIC WELDING II
Quarters: Winter, Spring
Designed to give the student a basic knowledge and ability to safely set up and operate the Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) processes.

WELD 170 (P/T) 4 Credits
ADVANCED WELDING PROCESSES
Quarters: Offered as needed
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) 5 Credits
WELDING CODES, PROCEDURE AND INSPECT
Quarters: Spring
Design to give the student a working knowledge of code sections and how they apply to the welding industry. Inspection requirements will be covered and applied to the student's practical weld test. Prerequisites: WELD 150, WELD 160, WELD 103, WELD 105 or instructor approval

WELD 296 (P/T) 4 Credits
WELDING FABRICATIONS PRACTICES
Quarters: Winter, Spring
Instruction in fabrication techniques including blueprint reading, layout tools, material lists, time management, job cost calculations, measuring, fitting, cutting, and welding. Beginning projects will be assigned. Prerequisites: WELD 150, WELD 160, or instructor approval

WELD 297 (P/T) 2 Credits
WELDING FABRICATION PRACTICES II
Quarters: Spring
Students will be assigned intermediate fabrication projects based on skills acquired in WELD 296 Welding Fabrication Practices. Prerequisites: WELD 296, or instructor approval

WELD 298 (P/T) 2 Credits
WELDING FABRICATION PRACTICES III
Quarters: Offered as needed
Students will be assigned advanced fabrication projects based on skills acquired in WELD 296 Welding Fabrication Practices, and WELD 297 Welding Fabrication Practices II. Prerequisites: WELD 297, or instructor approval

Writing

WR 090 3 Credits
FUNDAMENTALS OF COMPOSITION
Quarters: Summer, Fall, Winter, Spring
Develops basic writing skills such as sentence structure, grammar, and punctuation used in paragraph structure. Some sections may have a low-cost text book option. Prerequisites: Suitable placement score.

WR 095 3 Credits
ENGLISH COMPOSITION
Quarters: Summer, Fall, Winter, Spring
Emphasizes basic grammar, punctuation, sentence structure, and paragraph development necessary for effective college-level writing. Some sections may have a low-cost text book option. Prerequisites: Pass WR 90 with a "C-" or better, or suitable placement score.

WR 101 (P/T) 3 Credits
WORKPLACE COMMUNICATIONS I

Quarters: Offered as needed

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. Prerequisites: Pass WR 095 with a "C-" or better, or suitable placement score.

WR 115 4 Credits
INTRO TO COLLEGE WRITING

Quarters: Summer, Fall, Winter, Spring

Develops the students' critical thinking skills and emphasizes basic competence in grammar, mechanics, and sentence structure, with particular attention to unified writing, and coherent essays. Some sections may have a low-cost text book option. Prerequisites: Pass WR 95 with a C- or better, or suitable placement score.

WR 121 4 Credits
ENGLISH COMPOSITION

Quarters: Summer, Fall, Winter, Spring

Teaches students to write focused, logically organized, and well-transitioned academic essays on a variety of topics, including literature. Emphasizes critical thinking, reading, and writing with close attention to development strategies, identification of purpose, and revision. Reviews grammar, punctuation, and style. Some sections may have a low-cost text book option. Prerequisites: Pass WR 115 with a C- or better, or suitable placement score.

WR 122 4 Credits
ENGLISH COMPOSITION

Quarters: Summer, Fall, Winter, Spring

Continues the goals of WR 121 and examines the logical means of developing ideas in argumentative essays. Emphasizes the identification, analysis, and evaluation of argumentative elements, audience, and style. Selecting, evaluating, and documenting sources will also be stressed. Some sections may have a low-cost text book option. Prerequisites: Pass WR 121 with a "C-" or better.

WR 123 3 Credits
ENGLISH COMPOSITION

Quarters: Summer, Fall, Winter, Spring

Assists students in using successful steps for the research process, including formulating research proposals, using effective search strategies, analyzing and evaluating sources, and demonstrating mastery of documentation. Emphasis is on writing a lengthy research paper which will support an argumentative thesis using appropriate rhetorical strategies, applicable evidence, and effective language. Prerequisites: Pass WR 122 with a "C-" or better.

WR 227 3 Credits
TECHNICAL REPORT WRITING

Quarters: Spring

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.

WR 241 3 Credits
INTRO TO IMAGINATIVE WRITING

Quarters: Fall

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.

WR 242 3 Credits
INTRO TO IMAGINATIVE WRITING

Quarters: Winter

Explores the reading and writing of three of the major varieties of imaginative, or "creative", writing. Focus: reading and writing creative nonfiction. Some sections may have a low-cost text book option. Prerequisites: Pass WR 115 with a "C-" or better, or suitable placement score.

WR 243 3 Credits
INTRO TO IMAGINATIVE WRITING

Quarters: Spring

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.

Administration

Dana Young - President; BS Eastern Oregon University, MBA Portland State University, PhD Colorado State University
Edward Alves - Vice President of Academic Affairs; BS Arizona State University, MA-Ed University of Phoenix
Shirley Haidle - Vice President of Administrative Services
Abby Lee - Associate VP of College and Public Relations; BA Brigham Young University, MS Boise State University
Travis McFetridge - VP of Student Services; MBA George Fox University, BA George Fox University, AS Treasure Valley Community College

Faculty and Staff

Janell Abston - Daily Operations Coordinator; AA Treasure Valley Community College
Patricia Almaraz - Secretary - HEP
Lourdes Arciga - Enrollment Specialist
Lauri Babcock - Educational Diagnostician; AA Treasure Valley Community College, BS Eastern Oregon University, MA Liberty University
Kent Banner - Instructor Business; BA Brigham Young University, MBA Portland State University
Darin Bell - Instructor Business; BS BYU-Hawaii, MBA Eastern Oregon University, CPA Oregon Board of Accountancy
Jann Bell - Director - ABSD
Heather Bohr - Instructor Nursing; BS Boise State University, MSN University of Utah
Suzanne Bolyard - Instructor Education; BM University of Oregon, MTE Eastern Oregon University
Greg Borman - Instructor Math; BS California State University Chico, MS University of Idaho
Jessica Breidinger - Instructor Criminal Justice; BS Eastern Oregon University, MA Amridge University, PhD. Amridge University
Meredith Brinck - Intake Orientation / Placement Coordinator
Carol Buttice - Director of Advising Services; AA Treasure Valley Community College, BS Eastern Oregon University, MS Kansas State University
Scott Carpenter - Chief Information Officer; AS Grossmont Community College, BS American Sentinel Online
Jennifer Johnston Carsten - Part-time Instructor
Savanna Casillas - Residence Life Manager
Theigha Cooperrider-Fryman - Disability Services Coordinator
Hector Aguirre Corona - Director - HEP Program
Christina Coyne - Instructor SRCI; AA Treasure Valley Community College, BA Eastern Oregon University, MFA Oregon State University
Tanya Crawford - Instructor Health and Phys Ed; BA EOU, MA EOU
Vern Davis - Building Supervisor
Lori Delehant - Physical Plant / Custodial Coordinator
Diahann Derrick - Financial Aid Director; Bachelors Boise State University
Tara Dominick - Librarian
Teresa Durkin - Program Coordinator; BS Southwestern College
Laura Faulk - Full-time Faculty; PhD Louisiana State University
Cynthia Feibert - Instructor Biology; BS University of California, MA University of California

Christopher Fellows - Physical Plant Grounds
Ted Fink - Instructor Art; AA Ohlone Community College, BA Brooks Institute Photography, MS San Jose State University
Jayne Forwood - Advisor / Recruiter; AA Carl Sandburg Community College, BA Western Illinois University, MS Western Illinois University
Roxanne Franklin - Enrollment Specialist
Dan Fuller - Test Administrator
Dora Galan - Secretary - Fine and Performing Arts; AA Treasure Valley Community College
Dalila Garza - HEP Instructor
Amanda Gaskill - Assistant Comptroller
Dennis Gill - Instructor English; AA Treasure Valley Community College, BS Western Oregon University, ME Eastern Oregon University
Edith Gonzalez - Outreach/Engagement Specialist
Noe Gonzalez - Recruiter - HEP Program
Joel Hamilton - Help Desk Technician
Ronald Hanks - Instructor Aviation Part Time; BA California State University, MEd University of Phoenix
Terri Hansen - Enrollment Specialist; AS Lane Community College
Lisa Hansen - Comptroller
Brianne Haun - Instructor Nursing; MSEd Grand Canyon University
Riley Helmick - Athletic Coordinator
Julianna Hernandez - Recruiting Coordinator
Cade Horning - IT Help Desk Rep III
Terry Howard - System Administrator II; AS ITT, AS Treasure Valley Community College
Jill Humble - Executive Director of Nursing and Allied Health; ADN Elgin Community College, BSN Northern Illinois University, MSEd Northern Illinois University, PMC Nebraska Methodist College, CAS Boise State University
Rocky Ingalls - Financial Aid Associate Director; NA Link's School of Business
Garth Johnson - Instructor SRCI; MA Brigham Young University
Nino Kalatozi - Director of Institutional Effectiveness
Anne Marie Kelso - Director of Legal and Human Resources; BA University of California, Irvine, JD McGeorge School of Law
David Koehler - Dean of CTE
Cody Krebs - Help Desk Worker
Debbie Kriegh - Assistant Registrar; AA Treasure Valley Community College
Joseph Kurth - Social Science Instructor
Arwyn Larson - Instructor Biology; MS Oregon State University
Brianna Lemmon - Full Time Coordinator
Daniel Liera-Huchim - ESL Coordinator/Lead
Molly Lightfield - Nursing Instructor; MSN Western Governors University
Steve Lomax - Library Technician
Julie Lynch - Aviation Program Coordinator; DIP Itt Technical Institute, AA Treasure Valley Community College
Teresa Lynch - Administrative Assistant
Phillip Mahaffey - Instructor English; BA Hardin-Simmons University, MA Texas Tech University, MFA Eastern Washington University
Vera May - Financial Aid
Laree McBride - Enterprise System Support Analyst

Linda McDowell - Instructor SRCI; BS Lewis-Clark State College, MS University of Idaho

Brady Merrifield - Livestock Center Coordinator

Benjamin Merrill - Director of Caldwell Center

Lisa Meyer - Secretary - TVCC Foundation; BA North West College

Kristine Needs - Director of Residence Life and Student Conduct; AAS Treasure Valley Community College

Marcus Nichols - Instructor Natural Resources; BS Eastern Illinois University, MS Southern Illinois University

Yumiyo Okuda - Institutional Researcher / Data Analyst; MA Portland State University

Drew Pearson - Rodeo Coach/Livestock Mgr

Trisha Phillips - Enrollment Specialist; BA The College of Idaho

Tyler Pirrie - Physical Plant Grounds Maint

Sandra Porter - Instructor Agriculture; BS University of Idaho, MS Colorado State University, AS Treasure Valley Community College

Mara Poynter - Nursing Faculty; PMC Nebraska Methodist College, MSHI University of Illinois

Nathan Rawlinson - Instructor - Science; PhD Indiana University

Tina Renk - Administrative Assistant

Hugh Reynolds - Instructor Math; AA Lane Community College, BA University of Oregon, MS Washington State University

Mary Ridout - Agriculture Instructor; PhD University of Idaho

Kjetil Rom - Bookstore Director; AA Boise State University, BBA Boise State University

Angelina Rom - PT Aviation Secretary

Sheryl Romans - Workforce Training Program Manager; AS Treasure Valley Community College, BA Eastern Oregon University

Gina Roper - Administrative Assistant

Kate Russell - Director of Student Programs

Kilee Saldivar - Instructor - Medical Assistant

Faith Salinas - Human Resources / Accounts Payable Specialist

James Schmid - HEP Instructor; BIS School for International Training

Jeretta Shoemaker - Science Lab Coordinator; BS BSU, MS Msu

Amber Smith - Instructor Nursing

Diana Soto - ABSD Instructor

Hope Spaugh - ASG

Jason Spickelmire - Flight Instructor

Nila Stephens - Instructor Business; BA Judson University, MEd Concordia University - Portland

Aaron Strawser - System Administrator II; BA Northwest Nazarene University

Adolfo Suarez - Physical Plant Operations Lead; AS Treasure Valley Community College

Jeff Swope - BCT Shop Instructor

Andrea Testi - Director of Biz Center and Community Education; BA, MS State University of New York

Kathleen Thayer - Full-time Faculty; MA Boise State University

David Valdivia - IT Help Desk Technician

Audrey Vega - Help Desk Technician II

Brenda Vega Vega - CAMP Recruiter

Mary Verigan - Payroll and Benefits Coordinator

Timothy Vrolyks - BCT Shop Assistant

Carol Warden - IT Administrative Services Manager; AAS Treasure Valley Community College, AAS Treasure Valley Community College

Renae Weber - Instructor Math; BS Oregon State University, MS Oregon State University, DEd University of Oregon

Chase Van Weerdhuizen - Recruiting Coordinator

Charla Wheeler - Instructional Aide

Zachary Widner - Academic/Career Advisor; BA Boise State University

Samantha Widner - CTE StSuccess/Coordinator; BA University of Idaho

Kenneth Wiensz - Math Lab Coordinator; BA Western Oregon University

Tara Williamson - Bookstore Clerk

Marc Wilson - Instructor English; AA Treasure Valley Community College, BS Western Oregon University, MA Portland State University

Kerby Winters - Instructor - Science; BS Idaho State University, MS Montana State University

Cathy Yasuda - Foundation Director/PIO; BS University of Oregon

Jeremy Yraguen - Director Corrections Ed - SRCI; BS Lewis-Clark State College, MA Concordia University