

# Ag Business Technician-Crop Science

## CERTIFICATE (ONE YEAR)

**Major code:** 3200  
**Department:** Ag & Natural Resources  
**Chair:** Justin Blazzard  
**Advising:** Rennie Neider 541-881-5965

### 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.

### PROGRAM/DISCIPLINE 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.

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

### REQUIRED COURSES (46 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 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.....	4
- 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..... 56**