

Course Number and Title: AGS 230 Production Ag Work Experience

Campus Location:

Georgetown

Effective Date:

2021-51

Prerequisite:

AGS 101, AGS 102, AGS 104, AGS 105

Co-Requisites:

None

Course Credits and Hours:

3.00 credits

0.00 lecture hours/week

10.00 lab hours/week

Course Description:

This course provides an opportunity to apply classroom and laboratory knowledge to actual work experiences. Supervised work experiences enhance knowledge and provide experience within the production agriculture industry. Students work at the production agriculture lab as part of the requirements for this course.

Required Text(s):

Obtain current textbook information by viewing the [campus bookstore - https://www.dtcc.edu/bookstores](https://www.dtcc.edu/bookstores) online or visit a campus bookstore. Check your course schedule for the course number and section.

Additional Materials:

None

Schedule Type:

Classroom Course

Disclaimer:

None

Core Course Performance Objectives (CCPOs):

1. Apply technical skills in the production agriculture industry. (CCC 1, 2, 5, 6; PGC 2, 3, 4)
2. Perform responsibilities for the current season as related to production agriculture. (CCC 1, 2, 3, 4, 5, 6; PGC 2, 3, 4)
3. Practice proper care and safety techniques related to production agriculture. (CCC 1, 2, 4, 5, 6; PGC 2, 3, 4)
4. Apply the broad sciences of botany, climatology, genetics, entomology, and pathology to situations that are intrinsically related to production agriculture. (CCC 1, 2, 4, 5, 6; PGC 2, 3, 4)

See Core Curriculum Competencies and Program Graduate Competencies at the end of the syllabus. CCPOs are linked to every competency they develop.

Measurable Performance Objectives (MPOs):

Upon completion of this course, the student will:

1. Apply technical skills in the production agriculture industry.
 1. Demonstrate proper safety management techniques used in the production agriculture industry.
 2. Employ operations of current technology being used in the industry.
 3. Explain how to access information resources needed to solve specific field crop production problems.
2. Perform responsibilities for the current season as related to production agriculture.
 1. Practice common maintenance tasks involved with production agriculture.
 2. Practice pest and disease management for production agriculture.
3. Practice proper care and safety techniques related to production agriculture.
 1. Explain hazards related to production agriculture.
 2. Demonstrate safety practices when working in production agriculture.
 3. Use Occupational Safety and Health Administration (OSHA) standards as related to working with agriculture production.
4. Apply the broad sciences of botany, climatology, genetics, entomology, and pathology to situations that are intrinsically related to production agriculture.
 1. Practice plant identification and procedures necessary for successful growth of plants.
 2. Diagnose common pests of plant production and use methods of control.

Evaluation Criteria/Policies:

The grade will be determined using the Delaware Tech grading system:

90	-	100	=	A
80	-	89	=	B
70	-	79	=	C
0	-	69	=	F

Students should refer to the [Student Handbook - https://www.dtcc.edu/handbook](https://www.dtcc.edu/handbook) for information on the Academic Standing Policy, the Academic Integrity Policy, Student Rights and Responsibilities, and other policies relevant to their academic progress.

Final Course Grade:

Calculated using the following weighted average

Evaluation Measure	Percentage of final grade
Campus Work Experience Performance Evaluation (Summative)	25%
Off-Site Work Experience Performance Evaluation (Summative)	25%
Campus Work Experience Professionalism Evaluation (Summative)	10%
Work Experience Portfolio (Summative)	25%
Formative Assessments: Timesheets, Logs, Learning Activities (equally weighted)	15%
TOTAL	100%

Core Curriculum Competencies (CCCs are the competencies every graduate will develop):

1. Apply clear and effective communication skills.
2. Use critical thinking to solve problems.
3. Collaborate to achieve a common goal.
4. Demonstrate professional and ethical conduct.
5. Use information literacy for effective vocational and/or academic research.
6. Apply quantitative reasoning and/or scientific inquiry to solve practical problems.

Program Graduate Competencies (PGCs are the competencies every graduate will develop specific to his or her major):**AGSAASPAG**

1. Apply basic agribusiness management procedures to production and marketing of agriculture products.
2. Integrate pest management procedures into crop production techniques.
3. Demonstrate production techniques related to sustainable agriculture.
4. Demonstrate scheduling, production, marketing, harvesting, and safe handling of crops.
5. Describe the importance of poultry, livestock, and crop production to the agriculture industry.
6. Assess breeding, care, and nutrition of livestock animals.

Disabilities Support Statement:

The College is committed to providing reasonable accommodations for students with disabilities. Students are encouraged to schedule an appointment with the campus Disabilities Support Counselor to request an accommodation needed due to a disability. A listing of campus Disabilities Support Counselors and contact information can be found at the [disabilities services - https://www.dtcc.edu/disabilitysupport](https://www.dtcc.edu/disabilitysupport) web page or visit the campus Advising Center.