



Course Number and Title: AGS 226 Agribusiness Management Work Experience

Campus Location:

Georgetown

Effective Date:

2018-52

Prerequisite:

AGS 102, AGS 104, AGS 209

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 for students to apply classroom and laboratory skills to actual work experiences. Supervised work experience enhances knowledge and provides experience within the agriculture industry.

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 needed in the agribusiness industry. (CCC 1, 2, 5, 6; BMT 4, 5; PAG 2, 3; LOH 2, 3, 4, 5; TMT 1, 2, 3, 4, 5, 6)
2. Perform responsibilities for the current season as related to agribusiness. (CCC 1, 2, 3, 4, 5, 6; BMT 4, 5; PAG 2, 3; LOH 2, 3, 4, 5; TMT 1, 2, 3, 4, 5, 6)
3. Practice proper care and safety techniques related to agribusiness. (CCC 1, 2, 4, 5, 6; PAG 2, 3; LOH 3; TMT 3, 5)
4. Apply the broad sciences of botany, climatology, genetics, entomology, and pathology to situations that are intrinsically related to agribusiness. (CCC 1, 2, 4, 5, 6; PAG 2, 4; LOH 2, 4; TMT 1, 2)
5. Describe agribusiness problems as related to the environment. (CCC 1, 2, 5, 6; BMT 2; LOH 4, PAG 2, 4; TMT 1, 2)

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 needed in the agribusiness industry.
 1. Demonstrate proper safety management techniques used in the agribusiness industry.
 2. Demonstrate 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 agribusiness.
 1. Practice common maintenance tasks involved with agribusiness.
 2. Demonstrate pest and disease management for an agribusiness.
3. Practice proper care and safety techniques related to agribusiness.
 1. Explain hazards related to production agriculture.
 2. Demonstrate safety practices when working in agribusiness.
 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 agribusiness.
 1. Demonstrate plant identification and procedures necessary for successful growth of plants.
 2. Diagnose common pests of plant production and use methods of control.
5. Describe agribusiness problems as related to the environment.
 1. Describe adequate and economical housing used for production agriculture.
 2. Describe methods of handling production wastes that reduce environmental pollution, within the guidelines of current laws and regulations.
 3. Explain current practices relating to environmental conditions in production agriculture.

Evaluation Criteria/Policies:

Students must demonstrate proficiency on all CCPOs at a minimal 75 percent level to successfully complete the course. The grade will be determined using the Delaware Tech grading system:

92	-	100	=	A
83	-	91	=	B
75	-	82	=	C
0	-	74	=	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
Summative: Campus Work Experience Performance Evaluation	25%
Summative: Off-Site Work Experience Evaluation	25%
Summative: Campus Work Experience Professionalism Evaluation	10%
Summative: Work Experience Portfolio	25%
Formative Assessments: Weekly Timesheets and Job Summary Logs, Assignments and Learning Activities	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):
AGSAASBMT

1. Distinguish among business career areas in agribusiness.
2. Examine current agricultural issues.
3. Prepare a business plan for an agricultural enterprise.
4. Apply management theories to agricultural business operations through practical experience.
5. Apply basic recordkeeping and accounting procedures to agribusiness operations.

AGSAASLOH

1. Safely operate landscape equipment.
2. Demonstrate basic greenhouse management functions to include environmental controls, scheduling, production, pest control, nutrient management, and marketing of floriculture crops.
3. Demonstrate effective customer service skills for horticulture business success.
4. Apply business principles and strategies to the landscape and ornamental horticulture industries.
5. Explain the importance of soil and water management to the landscape and ornamental horticulture industries.
6. Design and install a finished landscape plan.

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.

AGSAASTMT

1. Select preventive maintenance programs for greens, fairways, and equipment.
2. Apply basic installation techniques for irrigation systems.
3. Explain the importance of soil and water management to the turfgrass management industry.
4. Safely operate turf equipment.
5. Apply business principles and strategies to the turfgrass industry.
6. Cultivate and maintain golf course landscapes.

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.