

Course Number and Title: AGS 232 Turf and Horticulture Work Experience

Campus Location:

Georgetown

Effective Date:

2021-52

Prerequisite:

AGS 101, 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 for students to apply and combine classroom and laboratory knowledge to actual work experiences. Its focus is a supervised work experience for students to gain knowledge and experience within the turf and horticulture industries.

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 turf and horticulture industry based on placement setting. (CCC 1, 2, 5, 6; PGC 1, 2, 3, 4, 5, 6)
2. Use construction and installation techniques as related to the turf and horticulture industry. (CCC 1, 2, 3, 5, 6; PGC 1, 2, 3, 4, 5, 6)
3. Employ irrigation systems used in the turf and horticulture industry. (CCC 1, 2, 5; PGC 1, 2, 4, 5)

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 turf and horticulture industry based on placement setting.
 1. Demonstrate proper safety management techniques used in the turf and horticulture industry.
 2. Practice common maintenance tasks involved with turf and horticulture.
 3. Manage pests and diseases found in the turf and horticulture industry.
 4. Select proper care and maintenance techniques of horticulture plant production.
2. Use construction and installation techniques as related to the turf and horticulture industry.
 1. Practice skills necessary to condition and prepare soils for plant materials.
 2. Demonstrate care and maintenance of establishing turfgrass.
 3. Employ irrigation systems used in the horticulture industry.
 4. Practice proper irrigation methods as related to the turf and horticulture industry.
 5. Operate remote control valves and automatic controllers.
3. Employ irrigation systems used in the turf and horticulture industry.
 1. Practice proper irrigation methods as related to the turf and horticulture industry.
 2. Operate remote control valves and automatic controllers.

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
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 - 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):

1. Demonstrate professional behaviors that satisfy workplace expectations and include adherence to safety and environmental concerns related to the field.
2. Demonstrate basic management functions to include environmental controls, scheduling, production, pest control, and nutrient management of turf and ornamental plants.
3. Cultivate and maintain golf course landscapes.
4. Apply business principles and strategies to the turf and ornamental horticulture industries.
5. Explain the importance of environmental factors such as soil and water management to the turf and ornamental horticulture industries.
6. Apply basic installation and maintenance techniques for irrigation systems.
7. Design and install a finished landscape plan, using native plant materials when possible.
8. Examine current agricultural issues and topics.

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.