

# *Applied Agriculture Technology*

# **Turf Management**

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*The demand for skilled personnel in the turf management industry increases each year. Students whose love of the outdoors is combined with motivation, good work ethics, and a desire to be an integral part of a team are “naturals” for this technology. The program is designed to provide students with the detailed knowledge and skills necessary to attain successful employment in the field of turf management.*

## **What You'll Learn...**

- Characteristics, growth habits, and proper cultivation of plant materials
- Knowledge of soils, pest controls, and irrigation equipment and upkeep
- Skills to oversee irrigation systems and fertilizer and pest treatment programs
- Skills to plan, supervise, and maintain greens, tees, and fairways
- Working knowledge of maintenance equipment

## **What You'll Earn...**

- A competitive salary with excellent opportunities for advancement
- Excellent employment opportunities
- The opportunity to broaden and advance your skills in new areas
- Credits to transfer to a four-year program in horticulture, plant science, or agronomy

## **Why You'll Succeed...**

- Many of the higher paying jobs, now and in the future, will be in a technical career field requiring an education beyond high school
- Employees with degrees tend to be more eligible for promotion\*
- Associate degree holders generally earn more than high school graduates\*
- College credit may be awarded for relevant work experience
- Many credits from an Associate Degree may be applied toward a Bachelor Degree

*\*Statistics from U.S. Department of Commerce, Bureau of Census*

# Turf Management Technology

You can enroll in the Turf Management Technology on either a full-time or part-time basis. The length of time required to complete an Associate Degree depends on the number of courses you take each semester. Some students may need refresher courses at the basic or pre-tech level; others may receive transfer credit or credit for work experience. Delaware Tech operates on a semester system with new terms beginning in late August and mid-January, plus summer terms beginning at the end of May and in mid-June. You can start taking courses any semester or summer term; however, all technical courses may not be offered every term. A certificate option is also available in Turf Management.

## Core Courses

Courses	Credits
ENG 121 Composition .....	3
<i>or</i>	
ENG 125 Honors Composition.....	3
ENG 122 Technical Writing & Communication .....	3
<i>or</i>	
ENG 130 Honors Technical Writing & Communication ..	3
<i>or</i>	
ENG 124 Oral Communication .....	3
<i>or</i>	
ENG 131 Honors Oral Communication .....	3
MAT 125 Math for the Trades .....	3
<i>or</i>	
MAT 150 Business Mathematics.....	3
PSY 100 Human Relations .....	3
POL 111 Political Science .....	3
<i>or</i>	
PSY 121 General Psychology.....	3
<i>or</i>	
SOC 111 Sociology I.....	3

## Technical Support/Computer Courses

Courses	Credits
BUS 101 Intro to Business.....	3
CIS 107 Introduction to Computers & Application .....	3
CHM 100 .....	
Basic Chemistry .....	4
<i>or</i>	
CHM 110 General Chemistry .....	4
MGT 212 Principles of Management.....	3
OAT 157 Word Level I.....	3

## Technical Courses

Courses	Credits
AGS 101 Soil & Water Management .....	3
AGS 104 Intro to Agibusiness Management .....	3
AGS 105 Principles of Plant Growth.....	3
AGS 107 Pest Control .....	3
AGS 122 Concept of Turf Management.....	3
AGS 132 Landscape Construction & Management .....	3
AGS 135 Turf & Landscape Irrigation .....	3
AGS 203 Landscape Plans & Plant Materials.....	3
AGS 215 Agricultural Leadership	3
AGS 221 Turfgrass Equipment Management.....	3
AGS 222 Putting Green Management.....	3
AGS 223 Applied Ecology .....	3
AGS 224 Turf & Athletic Flood Maintenance.....	3
AGS 231 Turfgrass Management Co-op .....	3

## Getting Started

1. Obtain, complete, and submit an Application for Admission with a one-time, non-refundable application fee. Make check or money order payable to Delaware Technical & Community College. Applications may be requested by phone by calling (302)857-1020. or mail, via the Web, or from a high school counselor. Applications may be printed from the Web at [www.dtcc.edu/all/forms](http://www.dtcc.edu/all/forms)
2. Develop a financial plan to identify resources (financial aid/SEED/other scholarships) to help pay for college.
3. Take the College Placement Test (CPT) unless college-level math, reading, and English courses have been completed with a "C" grade or better. The CPT will determine appropriate placement and is scheduled by the Admissions Office.
4. Request that high school and/or college transcripts be sent to the Admissions Office.
5. Meet with a Delaware Tech counselor to discuss CPT results.
6. Meet with advisor to plan schedule.

## Standards of Excellence

- ❖ Excellent education with experienced faculty.
- ❖ Excellent employment opportunities for knowledgeable, skilled technicians.