



# Horticulture & Turf Care Management

## Sypek Center

This program prepares students in the design, maintenance, and management aspects of landscaping and turf management, from sports turf installation and maintenance to commercial property landscaping management. Students learn to plan for and deal with climate and moisture, how to design landscape and hardscape effects for various conditions and settings such as urban, suburban, and rural, and how to accommodate climate and weather. Students study greenhouse management, fruit and vegetable production, and propagate and grow bedding plants. Upon completion of this program, students may be able to secure employment as landscape architects, sports turf maintenance, landscape constructs, or golf course superintendents.

Students will earn industry-valued credentials such as OSHA 10 - certification. Our program model combines the strengths of classroom education, work-based experiential learning, and career preparation and leadership through the Career Technical Student Organization - Future Farmers of America (FFA). Students who successfully complete this program may be afforded prior learning assessment (PLA) credits with Mercer County Community College. Students are also afforded the opportunity of earning thirty three (33) articulated credits at Delaware Valley University.

## Horticulture & Turf Care Management I

Grade Level: 11 Credits: 20

Year one (1) of the Horticulture and Turf Care Management Program combines environmental science, such as soil and plant care and identification with landscape design (patio construction, retaining walls) with a business component to produce a student with the tools to become an agriculturist, arborist, florist, turf care specialist, professional landscaper, or landscape designer. First-year students obtain their OSHA 10 certification, along with an overview of the various career pathways within this industry. Students learn tool identification and professional use, plant diseases, disorders and care, lawn and turf maintenance, seed, weed, soil identification and care, lawn covers, sod, mulch, trees, shrubs, and pest management.

## Horticulture & Turf Care Management II

Grade Level: 12 Credits: 20

In year two (2), the students will expand upon principles and industry skills from Horticulture & Turf Care Management I. The second-year students will learn about arboriculture, interior plantscape, business operations, service contracts and customer relations, landscape, and site planning, drain tile construction, and property beautification. Students will also be introduced to natural resource management and sustainability. Students will also take the NOCTI Job Ready assessment which can be used at the post-secondary levels for the National College Credit Recommendation Service of 3 semester hours in Horticulture or Landscaping.

### Industry Valued Credentials & Certifications

OSHA 10 certification  
NOCTI Job Ready - Horticulture & Landscaping (4149)

### Articulation Agreements

Delaware Valley University  
Mercer County Community College



Sypek Center  
129 Bull Run Road  
Pennington, NJ 08534  
609.737.9784



SCAN FOR MORE

Updated on 09/12/2025