

NORTH MONTCO TECHNICAL CAREER CENTER HORTICULTURE

The Horticulture program will provide students with a working knowledge, understanding and application of skills important to establishing, maintaining and managing horticulture enterprises. Practical landscape experience will be gained in planting and maintaining areas of the school campus. Operating a small production greenhouse and a school flower shop will enhance business and managerial skills. Students design arrangements for sale in the school store, and take orders for special events.

What you will learn:

- Landscape Maintenance/Gardening
- Floral Design/Event Planning
- Greenhouse Operations/Management
- Plant Propagation
- Basic Botany and Plant Identification
- Soil Science
- Pest Identification and Controls
- Sustainable Horticulture Technology
- Hydroponics/Aquaponics
- Olericulture
- Interior Plantscape
- Nursery Operations
- Horticulture Business Operations/Safety

Physical criteria:

- Mechanical ability
- Manual dexterity
- Lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Good depth and color perception
- Enjoy working outdoors

Uniform/equipment list:

(With approximate costs)

Personal Purchase Expense:

Work pants or jeans	\$20
Work shoes or boots	\$20
Sweatshirt	\$20

Additional required items:

program t-shirt	\$15
safety glasses and gloves	\$10
classroom supplies (ID & portfolio)	\$15
Activity fee	\$20

Class of 2019 graduation plans:

- 66% will be working in this field
- 17% plan to continue their education in this field
- 17% plan to work in an unrelated field

Potential Career Opportunities Include:

Floral Designer, Garden Center Salesperson, Greenhouse Technician, Interior Plantscape, Landscape Gardener, Lawn Service Technician, Management and Sales, Nursery Worker, Soil Scientist, Turf Management

Potential Career Opportunities w/ Post-Secondary Education Include:

Ag Extension Service, Botanist, Floral Shop Owner/Manager, Greenhouse Owner/Manager, Horticulture Therapist, Hydroponics/Aquaponics, Interior Plantscape Technician, Landscape Designer/Architect, Plant Pathologist, Pest Control Technician, Soil Scientist

**North Montco Technical Career Center, 1265 Sumneytown Pike, Lansdale, PA 19446
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Northern Montgomery County Technical Career Center does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities and provides equal access to youth groups.