



Students learn about plant and horticultural science, urban forestry, landscape design and build, as well as turf science and management. Students are prepared for further education in fields such as Urban Forestry, Turf Management, Arboriculture, Landscape Construction or Nursery Management. Students are eligible to earn up to 12 college credits through Cuyahoga Community College. Successful completion can lead to career opportunities in the “Green Industry.” In the second year, students concentrate on one area, attending class for approximately 50 minutes a day and working three to four hours a day in an area of interest.

Skills necessary for success

- Be a creative problem solver
- Work independently and as part of a team
- Follow directions and assume responsibility
- Demonstrate written and verbal communication skills
- Disciplined self-starter
- Artistic, creative and able to visualize projects
- Mechanical ability and manual dexterity

Professional Pathway

- Turf management (golf or sports field)
- City or municipal arborist
- Equipment operator
- Property manager
- Pest management
- Forestry/Park ranger
- Plant and/or machinery sales
- Landscape design and construction
- Nursery management
- Florist
- Farm management
- Professional ski/snowboard instructor

Program Recommendations

- Excellent attendance record
- Minimum 2.5 GPA

Career Interests/helpful background

- Interested in ecology and environmental issues
- Committed to preserving and maintaining natural areas
- Likes working outdoors
- Good physical condition and stamina for intense work
- Parental support
- Driver’s license

Licenses and certification

- Certified arborist, ISA
- Ohio Commercial Pesticide Application License
- Certified Landscape Technician

Higher education opportunities

- 12 college credits available at Cuyahoga Community College See page 33.
- Associate’s degree
- Bachelor’s degree

GRADE LEVEL: 10, 11, 12
LENGTH: Two years
SCHOOL: Roosevelt

CREDIT:
Level I - Environmental Science 1;
CP English 1; Tech Theory 1; Lab 1.

Level II - Environmental Science 1;
CP English 1; Tech Theory 1; Lab/Externship 1.