

# Industry Credentials, Concentration Sequences, and Career Clusters

## Community Forestry and Tree Management (8048)

### Industry Credentials:

*These apply only to 36-week courses.*

- College and Work Readiness Assessment (CWRA+)
- Customer Service Specialist (CSS) Examination
- Forest Products and Processing Assessment
- Landscape Management Certification Examination
- National Career Readiness Certificate Assessment
- Natural Resources Systems Assessment
- Urban Forestry Certification Test
- Workplace Readiness Skills for the Commonwealth Examination
- Certified Commercial Pesticide Applicator Examination
- Certified Grounds Technician Test
- Certified Private Applicator Examination
- Certified Registered Technician Pesticide Applicator Examination
- Chesapeake Bay Landscape Professional, Associate (CBLP-A) Examination
- Ecology Conservation Management Examination

### Concentration Sequences:

*A combination of this course and those below, equivalent to two 36-week courses, is a **concentration sequence**. A **program completer** is a student who has met the requirements for a CTE concentration sequence and all other requirements for high school graduation or an approved alternative education program. Students wishing to complete a specialization may take additional courses based on their career pathways.*

- Agricultural Business Fundamentals I (8022/36 weeks)
- Applied Agricultural Concepts (8072/18 weeks)
- Applied Agricultural Concepts (8073/36 weeks)
- Ecology and Environmental Management (8045/18 weeks)
- Ecology and Environmental Management (8046/36 weeks)
- Fisheries and Wildlife Management (8041/36 weeks)
- Forestry Management (8042/36 weeks)
- Forestry Management, Advanced (8044/36 weeks)
- Introduction to Natural Resources and Ecology Systems (8040/36 weeks)
- Outdoor Recreation, Parks, and Tourism Systems Management (8043/36 weeks)

## Career Clusters, Career Pathways, and Occupations:

- Agriculture, Food and Natural Resources
  - Environmental Service Systems
    - Agricultural Products Sales Representative
    - Environmental Compliance Inspector
    - Environmental Sampling and Analysis Technician
    - Hazardous Materials Handler
    - Recycling Coordinator
    - Secondary School Teacher
    - Toxicologist
    - Turf Farmer
    - Water Conservationist
  - Natural Resources Systems
    - Ecologist
    - Forest Manager, Forester
    - Forest Technician
    - Geological Technician
    - Logging Equipment Operator
    - Microbiologist
    - Outdoor Recreation Guide
    - Park Manager
    - Park Technician
    - Range Technician
    - Wildlife Manager
  - Plant Systems
    - Agricultural Products Sales Representative
    - Botanist
    - Certified Crop Advisor
    - Crop Grower
    - Custom Harvester
    - Forest Geneticist
    - Golf Course Superintendent
    - Machine Setter, Operator
    - Ornamental Horticulturist
    - Plant Breeder/ Geneticist
    - Secondary School Teacher
    - Soil and Plant Scientist
    - Tree Surgeon
    - Turf Farmer