

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