

# Industry Credentials, Concentration Sequences, and Career Clusters

## Turfgrass Management (8051)

### Industry Credentials:

*These apply only to 36-week courses.*

- Certified Turfgrass Professional Examination
- Chesapeake Bay Landscape Professional, Associate (CBLP-A) Examination
- College and Work Readiness Assessment (CWRA+)
- Customer Service Specialist (CSS) Examination
- Landscape Management Certification Examination
- National Career Readiness Certificate Assessment
- Turfgrass Management Certification Program Examination
- Workplace Readiness Skills for the Commonwealth 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)
- Agricultural Business Management III (8026/36 weeks)
- Agricultural Business Operations II (8024/36 weeks)
- Applied Agricultural Concepts (8072/18 weeks)
- Applied Agricultural Concepts (8073/36 weeks)
- Horticulture Sciences (8034/36 weeks)
- Introduction to Plant Systems (8007/36 weeks)
- Introduction to Power, Structural, and Technical Systems (8016/36 weeks)
- Landscaping I (8036/36 weeks)
- Landscaping II (8039/36 weeks)
- Turfgrass Management, Advanced (8054/36 weeks)

### Career Clusters, Career Pathways, and Occupations:

- Agriculture, Food and Natural Resources
  - Agribusiness Systems

- Agricultural Commodity Broker
  - Agricultural Economist
  - Agricultural Loan Officer
  - Agricultural Products Sales Representative
  - Farm Products Purchasing Agent and Buyer
  - Farm, Ranch Manager
  - Farmer/Rancher
  - Feed, Farm Supply Store Sales Manager
  - Sales Manager
- Environmental Service Systems
  - Agricultural Products Sales Representative
  - Environmental Compliance Inspector
  - Environmental Sampling and Analysis Technician
  - Secondary School Teacher
  - Toxicologist
  - Turf Farmer
- Plant Systems
  - Agricultural Products Sales Representative
  - Botanist
  - Certified Crop Advisor
  - Crop Grower
  - Custom Harvester
  - Farm, Ranch Manager
  - Farmer/Rancher
  - Golf Course Superintendent
  - Nursery and Greenhouse Manager
  - Ornamental Horticulturist
  - Plant Breeder/ Geneticist
  - Secondary School Teacher
  - Soil and Plant Scientist
  - Turf Farmer
- Power, Structural, and Technical Systems
  - Agricultural Engineer
  - Agricultural Equipment Operator
  - Agricultural Equipment Parts Manager
  - Agricultural Equipment Parts Salesperson
  - Machinist
  - Parts Manager
- Science, Technology, Engineering and Mathematics
  - Science and Mathematics
    - Botanist
    - Plant Biologist
    - Plant Breeder and Geneticist
    - Plant Pathologist
    - Research Chemist
    - Secondary School Teacher

- Technical Writer
- Toxicologist