

Industry Credentials, Concentration Sequences, and Career Clusters

Floriculture (8038)

Industry Credentials:

These apply only to 36-week courses.

- BASF Plant Science Certification Examination
- College and Work Readiness Assessment (CWRA+)
- Customer Service Examination
- Customer Service Specialist (CSS) Examination
- Floriculture Assessment
- Floriculture: Greenhouse Assessment
- Greenhouse Operators Certification Examination
- Horticulture-Landscaping Assessment
- National Career Readiness Certificate Assessment
- Principles of Floral Design Certification 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 (8073/36 weeks)
- Biological Applications in Agriculture (8086/36 weeks)
- Floral Design I (8055/36 weeks)
- Floral Design II (8056/36 weeks)
- Greenhouse Plant Production and Management (8035/36 weeks)
- Horticulture Sciences (8034/36 weeks)
- Introduction to Plant Systems (8007/36 weeks)
- Landscaping I (8036/36 weeks)
- Landscaping II (8039/36 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
 - Plant Systems
 - Agricultural Products Sales Representative
 - Botanist
 - Certified Crop Advisor
 - Crop Grower
 - Custom Harvester
 - Farm, Ranch Manager
 - Farmer/Rancher
 - Floral Designer
 - Floral Shop Manager
 - Forest Geneticist
 - Golf Course Superintendent
 - Machine Setter, Operator
 - Nursery and Greenhouse Manager
 - Ornamental Horticulturist
 - Plant Breeder/ Geneticist
 - Secondary School Teacher
 - Soil and Plant Scientist
 - Tree Surgeon
 - Turf Farmer
- Science, Technology, Engineering, and Mathematics
 - Science and Mathematics
 - Biologist
 - Botanist
 - Chemist
 - Microbiologists
 - Plant Biologist
 - Plant Breeder and Geneticist
 - Plant Pathologist
 - Research Chemist
 - Secondary School Teacher
 - Technical Writer
 - Toxicologist