

# Industry Credentials and Career Clusters

## Agricultural Education – Preparation (8050)

## Agricultural Education – Development (8053)

### Industry Credentials:

*These apply only to 36-week courses.*

- College and Work Readiness Assessment (CWRA+)
- Customer Service Specialist (CSS) Examination
- National Career Readiness Certificate Assessment
- Workplace Readiness Skills for the Commonwealth Examination

### 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
  - Animal Systems
    - Agricultural Products Sales Representative
    - Animal Breeder, Husbandry
    - Animal Geneticist
    - Animal Nutritionist
    - Animal Scientist
    - Aquacultural Manager
    - Poultry Manager
    - Veterinarian
    - Veterinary Technician
  - 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
- Food Products and Processing Systems
  - Biochemist
  - Food Scientist
- Natural Resources Systems
  - Ecologist
  - Fish and Game Officer
  - Fisheries Technician
  - Forest Manager, Forester
  - Forest Technician
  - Geological Technician
  - 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
  - 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
- Power, Structural, and Technical Systems
  - Agricultural Engineer
  - Agricultural Equipment Operator
  - Agricultural Equipment Parts Manager
  - Agricultural Equipment Parts Salesperson
  - Machinist
  - Parts Manager
  - Welder