

Industry Credentials, Concentration Sequences, and Career Clusters

Agricultural Business Fundamentals I (8022)

Industry Credentials:

These apply only to 36-week courses.

- College and Work Readiness Assessment (CWRA+)
- Customer Service Examination
- Customer Service Specialist (CSS) Examination
- Microsoft 365 Fundamentals Examination
- Microsoft Certified Azure Fundamentals Examination
- Microsoft Dynamics 365 Fundamentals Examination
- Microsoft Office Specialist (MOS) Examinations
- National Career Readiness Certificate Assessment
- Professional Communications 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 Management III (8026/36 weeks)
- Agricultural Business Operations II (8024/36 weeks)
- Agricultural Fabrication and Emerging Technologies (8019/36 weeks)
- Agricultural Power Systems (8018/36 weeks)
- Agricultural Power Systems, Advanced (8020/36 weeks)
- Agricultural Production Technology (8010/36 weeks)
- Agricultural Structural Systems (8017/36 weeks)
- Community Forestry and Tree Management (8048/36 weeks)
- Ecology and Environmental Management (8046/36 weeks)
- Equine Science (8080/36 weeks)
- Equine Science, Advanced (8094/36 weeks)
- Fisheries and Wildlife Management (8041/36 weeks)
- Floral Design I (8055/36 weeks)
- Floral Design II (8056/36 weeks)

- Floriculture (8038/36 weeks)
- Forestry Management (8042/36 weeks)
- Forestry Management, Advanced (8044/36 weeks)
- Foundations of Agriculture, Food, and Natural Resources (8006/36 weeks)
- Greenhouse Plant Production and Management (8035/36 weeks)
- Horticulture Sciences (8034/36 weeks)
- Introduction to Animal Systems (8008/36 weeks)
- Introduction to Natural Resources and Ecology Systems (8040/36 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)
- Livestock Production Management (8012/36 weeks)
- Operating the Farm Business (8014/36 weeks)
- Outdoor Recreation, Parks, and Tourism Systems Management (8043/36 weeks)
- Small Animal Care I (8083/36 weeks)
- Small Animal Care II (8084/36 weeks)
- Small Engine Repair (8082/36 weeks)
- Turfgrass Management (8051/36 weeks)
- Turfgrass Management, Advanced (8054/36 weeks)
- Veterinary Science I (8088/36 weeks, 140 hours)
- Veterinary Science II (8089/36 weeks, 140 hours)

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
 - Aquacultural Manager
 - Poultry Manager
 - **Environmental Service Systems**
 - Agricultural Products Sales Representative
 - Secondary School Teacher
 - **Natural Resources Systems**
 - Fish and Game Officer

- Forest Manager, Forester
 - Park Manager
 - **Plant Systems**
 - Agricultural Products Sales Representative
 - Certified Crop Advisor
 - Crop Grower
 - Custom Harvester
 - Farm, Ranch Manager
 - Farmer/Rancher
 - Floral Designer
 - Floral Shop Manager
 - Golf Course Superintendent
 - Nursery and Greenhouse Manager
 - Secondary School Teacher
 - Turf Farmer
 - **Power, Structural, and Technical Systems**
 - Agricultural Equipment Parts Manager
 - Agricultural Equipment Parts Salesperson
- **Finance**
 - **Accounting**
 - Accountant
 - Accounting Clerk
 - Controller
 - Cost Analyst
 - Management Accountant
 - Merger and Acquisitions Manager
 - Personal Financial Advisor
 - Revenue Agent
 - Tax Account
 - **Banking Services**
 - Account Executive
 - Accountant
 - Bill and Account Collector
 - Branch Manager
 - Compliance Officer
 - Credit Analyst
 - Debt Counselor
 - Financial Manager
 - Loan Officer
 - Personal Financial Advisor
 - **Business Finance**
 - Accountant
 - Accounting Clerk
 - Auditor
 - Bill and Account Collector
 - Cash Manager

- Controller
 - Cost Analyst
 - Economist
 - Financial Analyst
 - Management Accountant
 - Project Manager
 - Revenue Agent
 - Shipping and Receiving Clerk
 - Tax Accountant
 - Tax Preparer
- **Insurance**
 - Customer Service Representative
 - Insurance Appraiser
 - Insurance Processing Clerk
 - Insurance Sales Agent
 - Risk and Insurance Manager
 - Underwriter
- **Securities and Investments**
 - Financial Analyst
 - Fund Manager
 - Meeting and Convention Planner
 - Securities and Commodities Sales Agent
 - Tax Preparer
- **Marketing**
 - **Marketing Communications**
 - Advertising Account Executive
 - Advertising and Promotions Manager
 - International Merchandising Manager
 - Marketing Communication Manager
 - Marketing Manager
 - Public Information Director
 - Public Relations Manager
 - Public Relations Specialist
 - Sales Manager
 - **Marketing Management**
 - Advertising and Promotions Manager
 - Brand Manager
 - Chief Executive Officer
 - Entrepreneur
 - Franchisee
 - General Manager
 - Marketing Communication Manager
 - Marketing Manager
 - Public Information Director
 - Public Relations Manager
 - Retail Manager

- Shipping and Receiving Clerk
- **Marketing Research**
 - Brand Manager
 - Market Research Analyst
 - Product Planner
- **Merchandising**
 - Account Executive
 - Customer Service Representative
 - Merchandise Buyer
- **Professional Sales**
 - Account Executive
 - Entrepreneur
 - Human Resources Manager
 - Investment Banker
 - Manufacturer's Sales Representative
 - Sales Manager
 - Salesperson
 - Wholesale and Manufacturing, Technical and Scientific Products
 - Sales Representative