

# Industry Credentials, Concentration Sequences, and Career Clusters

## Small Engine Repair (8082, 8021)

### Industry Credentials:

*These apply only to 36-week courses.*

- College and Work Readiness Assessment (CWRA+)
- Customer Service Specialist (CSS) Examination
- EETC Technician Certification Tests
- Master Service Technician Examinations
- National Career Readiness Certificate Assessment
- Power Equipment Technology Examination
- Small Engine Technology Assessment
- 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)
- Agricultural Fabrication and Emerging Technologies (8019/36 weeks)
- Agricultural Power Systems (8018/36 weeks)
- Agricultural Power Systems, Advanced (8020/36 weeks)
- Foundations of Agriculture, Food, and Natural Resources (8006/36 weeks)
- Introduction to Power, Structural, and Technical Systems (8016/36 weeks)
- Small Engine Technology I (8725/36 weeks, 140 hours)

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

- Agriculture, Food and Natural Resources
  - Natural Resources Systems
    - Logging Equipment Operator
    - Park Technician

- Range Technician
- Plant Systems
  - Machine Setter, Operator
- Power, Structural, and Technical Systems
  - Agricultural Engineer
  - Agricultural Equipment Operator
  - Agricultural Equipment Parts Manager
  - Agricultural Equipment Parts Salesperson
  - Machinist
  - Parts Manager
  - Welder
- Education and Training
  - Teaching and Training
    - Secondary School Teacher
    - Training Consultant/Training Specialist
- Science, Technology, Engineering and Mathematics
  - Engineering and Technology
    - Agricultural Engineer
    - Electrical Engineer
    - Electrical Engineering Technician
    - Electro-Mechanical Technician
    - Electronic Drafter
    - Electronics Engineering Technician
    - Engineer
    - Engineering Manager
    - Engineering Technician
    - Machine Setter, Operator
    - Manufacturing Systems Engineer
    - Marine Engineer
    - Materials Engineer
    - Mechanical Drafter
    - Mechanical Engineer
    - Mechanical Engineering Technician
    - Technical Writer