

# **Industry Credentials, Concentration Sequences, and Career Clusters**

## **Technological Systems (8463)**

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

- Science, Technology, Engineering and Mathematics
  - Engineering and Technology
    - Aerospace Engineer
    - Aerospace Engineering Technician
    - Agricultural Engineer
    - Architect
    - Assembler
    - Biomedical Engineer
    - Chemical Engineer
    - Civil Engineer
    - Civil Engineering Technician
    - Commercial and Industrial Designer
    - Computer Hardware Engineer
    - Computer Programmer
    - Computer Software Engineer
    - Electrical Engineer
    - Electrical Engineering Technician
    - Electro-Mechanical Technician
    - Electronics Engineering Technician
    - Engineer
    - Engineering Manager
    - Engineering Technician
    - Environmental Engineer
    - Human Factors Engineer
    - Industrial Engineer
    - Industrial Engineering Technician
    - Landscape Architect
    - Machine Setter, Operator
    - Manufacturing Systems Engineer

- Marine Engineer
- Materials Engineer
- Mechanical Engineer
- Mechanical Engineering Technician
- Network Systems and Data Communication Analyst
- Network and Computer Systems Administrator
- Nuclear Engineer
- Petroleum Engineer
- Power Systems Engineer
- Production, Planning, Expediting Clerk
- Project Manager
- Quality Engineer
- Quality Technician
- Statistician
- Stockroom, Warehouse, or Storage Yard Stock Clerk
- Systems Analyst
- Technical Writer
- Telecommunications Specialist
- Transportation Manager
- Science and Mathematics
  - Animal Nutritionist
  - Animal Scientist
  - Atmospheric Scientist
  - Biologist
  - Botanist
  - Ecologist
  - Economist
  - Environmental Scientist
  - Geoscientist
  - Hydrologist
  - Materials Scientist
  - Oceanographer
  - Plant Biologist
  - Plant Breeder and Geneticist
  - Plant Pathologist
  - Research Chemist
  - Secondary School Teacher
  - Technical Writer

- Toxicologist
- Veterinarian
- Veterinary Assistant