

Career Clusters

Inventions and Innovations (8461, 8464, 8485, 8454, 8456)

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 Drafter
 - Mechanical Engineer
 - Mechanical Engineering Technician
 - Network and Computer Systems Administrator
 - Network Systems and Data Communication Analyst

- 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