Industrial Electronics Technology (ILT)

PURPOSE: The ILT program is designed to enable the student to learn the skills needed to become an electronic technician. Electron technicians are involved in all phases of commercial and industrial repair. The successful student can expect to become competent in one of several specialized fields of electronics. Technical specialties include Industrial Robotics, Programmable Logic Control and Communications.

Possible Occupations

- Electrical & Electronic Equipment Mechanics, Installers, and Repairers
- Installation, Maintenance, and Repair Occupations
- Electric Motor, Power Tool, and Related Repairers
- Electrical and Electronics Installers and Repairers, Transportation Equipment
- Electrical and Electronics Repairers, Commercial and Industrial Equipment
- Electronic Home Entertainment Equipment Installers and Repairers
- Security and Fire Alarm Systems Installers
- Electrical, Electronics, and Electromechanical Assemblers
- Assemblers and Fabricators
- Production Occupations
- Radio & Telecommunications Equipment Installers & Repairers, Except Line Installers
- Electronic Equipment Installers and Repairers, Motor Vehicles
- Control Technicians
- Electronic-Sales-and –Service Technicians
- Industrial Electricians
- Instrument and Electrical Technicians
- Powerhouse Electricians
- Service Technicians

Industry Opportunities

- Manufacturers of computer, electrical, and electronic equipment
- Professional, scientific, and technical service industries
- Engineering or business services companies
- Self-owned businesses
- Wholesale trade companies
- Telephone companies
- Electric power companies
- Hospitals
- Airports
- Electronic repair shops
- Firms that provide maintenance under contract
- Government agencies

Degrees/Certificates offered at Shelton State:

- Industrial Electronics – ASSOCIATE IN APPLIED SCIENCE DEGREE and Certificate