



Electronic Manufacturing

ELECTRONIC MANUFACTURING requires working with small component parts, power and hand tools, generally in a bench type environment. Electronic workers must have good memory, the ability to do repetitive tasks, good manual dexterity and good eye/hand coordination.

Work Environment

Entry level positions assembling electronic components, sub-assemblies and systems require any one or a combination of the following methods: reading work orders, following production drawings, reading blueprints, assembly and schematic diagrams and receiving verbal instruction regarding work to be done. Electronic Assemblers generally work in an industrial or laboratory setting.

Course Outline:

- Shop Safety
- Hand Tools
- Conductors and Insulators
- Connectors and Connections
- Hand Soldering and De-Soldering
- Electronic Terms and Devices
- Component Identification
- Circuit Construction
- Inventory Control
- Rework and Repair
- Wiring and Harnessing
- Surface Mount Technology
- Multi-Meters and Test Instruments
- Basic Related Mathematics
- Job Seeking/Job Keeping Skills