

NBTAP Secondary Pre-Apprenticeship



Over the course of the NBTAP Employment experience, student apprentices should observe, and perform, some of the following trade skills under the supervision of a qualified journeyman.

IMPORTANT NOTE: Students, as part of your NBTAP summer experience, you will be required to maintain a Secondary Pre-Apprenticeship Logbook. **Please be sure to obtain a copy of your NBTAP Logbook from your School Champion or the Pre-Apprenticeship Coordinator PRIOR to starting your employment placement.**



Industrial Electrician: Trade Related Skills

- Maintains safe work environment
- Uses personal protective equipment and safety equipment
- Performs lock-out and tag-out procedures
- Identifies environmental conditions
- Uses common and specialty tools and equipment
- Uses access equipment, rigging, hoisting, and lifting equipment
- Organizes materials and supplies
- Fabricates support structures
- Installs brackets, hangers, and fasteners
- Installs seismic restraining systems, such as: chains, cables, and shock mounts
- Uses communication techniques
- Installs and maintains bonding systems, conductors, cables, conduit, tubing, and fittings
- Installs and maintains raceways, boxes, enclosures, luminaires, and wiring devices
- Identifies hazardous locations
- Prepares worksite
- Plans project tasks and procedures
- Installs overcurrent protection devices
- Installs ground fault, arc fault, and surge protection devices