



ROC 247563 CR-11

Commercial Electricians
Non-Exempt

Job Duties

- Read blueprints or technical diagrams
- Install and maintain wiring, control, and lighting systems
- Inspect electrical components, such as transformers and circuit breakers
- Identify electrical problems with a variety of testing devices
- Repair or replace wiring, equipment, or fixtures using hand tools and power tools
- Follow state and local building regulations based on the National Electric Code
- Direct and train workers to install, maintain, or repair electrical wiring or equipment
- Maintain and repair large motors, equipment, and control systems in businesses and factories. They use their knowledge of electrical systems to help these facilities run safely and efficiently. Some also install the wiring for businesses and factories that are being built. To minimize equipment failure, inside electricians often perform scheduled maintenance.

Work Schedule

All electricians work full time, which may include evenings and weekends. However, work schedules may vary during times of inclement weather. During scheduled maintenance, or on construction sites, electricians can expect to work overtime.