

Electrical and Electronics Engineers

Electrical and Electronics Engineers design, develop, and maintain electrical systems, devices, and equipment. They work on power generation, communication systems, control systems, and electronic devices to ensure they operate efficiently, safely, and reliably. Their work is critical in industries such as energy, telecommunications, manufacturing, and automation.

Duties and Responsibilities (Points):

- Design and develop electrical circuits, systems, and electronic devices
- Test and troubleshoot electrical equipment and control systems
- Ensure compliance with safety, quality, and regulatory standards
- Oversee installation, operation, and maintenance of electrical systems
- Collaborate with engineers, technicians, and project teams
- Conduct research to improve existing technologies and develop innovations
- Prepare technical reports, drawings, and documentation
- Analyze system performance and implement improvements
- Plan and manage electrical projects, including budgeting and scheduling
- Stay updated with emerging technologies, standards, and best practices