## Electrical Engineer Job Description

We are hiring an Electrical Engineer to design and implement complex industrial, commercial, and domestical electrical systems. To do well in this role you should be a licenced professional engineer and have extensive experience as an electrical engineer.

### Electrical Engineer Responsibilities:

* Designing, maintaining, implementing, or improving electrical instruments, facilities, components, equipment products, or systems for industrial, commercial or domestic purposes.
* Performing a wide range of engineering tasks by operating computer-assisted design or engineering software and equipment.
* Conferring with customers, engineers, and others to discuss existing or potential engineering products or projects.
* Ensuring that installation and operations conform to standards and customer requirements by preparing electrical systems specifications, technical drawings or topographical maps.
* Establishing construction, manufacturing or installation standards or specifications by performing a wide range of detailed calculations.
* Ensuring compliance with specifications, codes, or customer requirements by directing or coordinating installation, manufacturing, construction, maintenance, documentation, support or testing activities.
* Writing reports and compiling data regarding existing and potential electrical engineering projects and studies.
* Preparing specifications for purchases of electrical equipment and materials.
* Supervising or training project team members.
* Estimating material, labor, or construction costs for budget preparation.
* Maintaining electrical equipment.
* Working with a variety of technicians.

### Electrical Engineer Requirements:

* Bachelor degree in electrical engineering degree from an accredited school.
* Licensed as a professional engineer.
* Experience in using or a desire to learn required software.
* Knowledge of applicable codes related to electronic engineering.
* Proficient in design and calculation software.