



Ollscoil
Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University

Sligo Campus

Electrician

What is an Electrician?

The Electrician is involved in the installation, commissioning, testing and maintenance of various wiring systems and services in domestic, commercial and industrial applications. Work ranges from wiring of domestic houses and retail units to more complex systems involving process control and maintenance in industrial plants, hospitals and power stations. Electricians also service, maintain and repair electrical equipment, both domestic and industrial.

Electricians employed by the Electricity Supply Board (ESB Networks) engage in electrical power supply and distribution and are known as Network Technicians. Electricians employed by electrical contractors are usually engaged in the installation of lighting, heating and power equipment and the repair of existing equipment and appliances. Those in industrial employment are generally engaged in the maintenance and repair of factory plant, machinery and generating equipment. Electricians require many skills including:

- Knowledge of scientific principles
- Performing general electrical installations
- Interpreting technical drawings and specifications
- Planning and organising the installation of electrical systems
- Inspecting and testing of electrical systems and fault diagnosis
- Performing routine maintenance and repairs on electrical systems
- Knowledge and application of Health and Safety Procedures

Craft Apprenticeships: Outline of Apprenticeship Stages

Apprenticeship Phases

On-The-Job

with Employer



Off-The-Job

in Training Centre or Educational College

Total duration of Apprenticeship Qualification is on average 4 years

On successful completion you will be a fully qualified Electrical craftsman with a QQI level 6 advanced craft certificate qualification

There are wonderful opportunities for those interested in progressing their career following completion of their apprenticeship. For more information on opportunities of progression here in ATU Sligo login in to www.atusligo.ie