Electrotechnology

- An umbrella term for the following fields of work
  - Electrical,
  - Electronics,
  - Refrigeration & Air Conditioning,
  - Electricity Supply,
  - Communications
Industry Links

- Electrotechnology Industry includes:
  - Electricians
  - Electronics Technicians
  - Air Conditioning & Refrigeration Technicians
  - Lineworkers
  - Cable Jointers
  - Telecommunications Technicians
  - Lift Mechanics
  - Power Station Operators
The main activities of the industry are:

- Construction,
- Installation,
- Servicing,
- Maintenance,
- Estimation & Design,
- Engineering
Occupations

- The industry needs technically competent people in a variety of occupations such as:
  - Tradespersons
  - Operators
  - Technicians
  - Managers
  - Engineers
  - Self-employed contractors
Job Descriptions - Electrical

- **Electrician**
  - installs, maintains and repairs electrical power, lighting and communication systems in homes, factories, shops, offices, sub-stations and other premises.
Refrigeration and Air-Conditioning Mechanic

- assembles, installs, services and repairs industrial, commercial and domestic, air-conditioning and refrigeration systems in homes, shops, factories, office buildings and hospitals.
Electronic Instrument Tradesperson

- installs, modifies, maintains and repairs electronic instruments and control systems.
Think this is the industry for you?

- Tough & challenging Industry
- Not an ‘easy way out’
- You will need to demonstrate that you:
  - have a commitment to starting a career in the Electrotechnology Industry
  - have good communication skills
  - can work independently and in a team
  - are reliable and punctual
Think this is the industry for you?

- You will need to sit a competency test in:
  - Maths (Trade calculations, transposition of formulas, trigonometry for wave forms & schematic calculations)
  - English (communications skills required for working in teams, customer relations, receiving of verbal work instructions & writing reports)
More Information

- EE- Oz Training Standards

- Group Training Australia

- www.mitac.org.au
Questions

Please call CDU Electrotechnology enquiries on 8946 7658