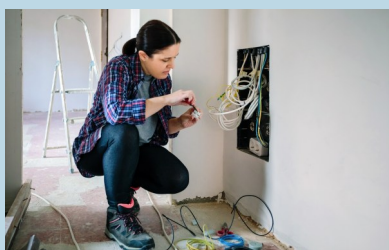


COMMUNICATIONS TECHNICIAN



Do you want to work as part of an exciting, challenging, and essential service that actively encourages women to participate and provides the following opportunities?

- meet interesting people
- be part of the entertainment industry
- work around the world
- advance your career
- have a flexible work life balance
- learn new and innovative technologies



OVERVIEW OF INDUSTRY

The Electrotechnology industry in Australia includes design, commissioning, installation, testing, fault-finding, servicing, maintenance, assembly and repair of electrical, electronic, computer or climate change equipment, systems, networks and components. It extends across many industry sectors such as industrial, mining, energy, renewables, domestic, commercial, construction, data, communications, fire protection, security, manufacturing, lifts, maritime, as well as refrigeration and air-conditioning and more. New innovative technologies automated and programmable control systems, digitisation, and information technology systems and equipment are reshaping the Electrotechnology industry, and it has become one of the most exciting cutting-edge and rewarding career choices in Australia.

WHAT DOES A COMMUNICATIONS TECHNICIAN DO

This can be an exciting and rewarding career choice as an audio-visual broadcast and data communications technician instal, operate, trouble shoot, maintain and repair equipment that monitors, records or amplifies music or speech for radio, television, recordings and concerts. They can also work on transmitters, broadcasting networks and equipment as well as line communication cables. Data communications technicians can specialise in installing, repairing and trouble-shooting internet servers and data network equipment. For those working on data communications systems a relevant cabling license from the communications authority (ACMA) will be required. This is often not a nine to five job so the ability to be flexible and to work overtime could often be expected.

“I love working as a communications technician because my workplace is vibrant and constantly changing so I never get bored ”

For further information or advise contact
www.uensw.au



COMMUNICATIONS TECHNICIAN

Selection Criteria:

- * Well-developed communication and people skills
- * Effective English and maths skills
- * Ability to work in a team or independently
- * The ability to work with tools and equipment to complete repairs and maintenance
- * The capacity to solve problems in a high- pressure environment
- * Ability to interpret music, individual sounds and verbal queues or data signals an advantage.
- * The capacity to maintain concentration and monitor vital equipment for long periods of time without distraction
- * Ability to keep accurate records and write reports
- * Practical skills for installing, repairing, and maintaining equipment
- * Prepared to work out of normal hours and on call if required

TASKS YOU MAY BE REQUIRED TO DO

- * Interpret wiring diagrams, schematics, technical drawings, standards and specifications
- * Transport, set up, and instal media and data equipment and audio-visual-data support systems,
- * Set up and perform cable wiring, programming, and basic construction
- * Use test instruments to find faults and ensure specifications are met
- * Run functional tests and checks on videos, audio, and data systems and troubleshoot any problems
- * Repair, service, replace and modify/adjust existing, faulty, defective or non-compliant components
- * Meet clients' standards by handling equipment malfunctions and executing flawless event delivery

Training Requirements and Pathways

Pre- apprenticeship/traineeship qualification: UEE20720 - Certificate II in Data and Voice Communication or UEE22025 Certificate II in Electrotechnology (Career Start), which are the entry level qualifications for new entries and school- based trainees. Traineeships generally take between twelve to twenty-four months to complete.

Apprenticeship qualification: Communications technicians typically require 4 years to complete the trade. The trade qualifications for this occupation are -

UEE30425 - Certificate III in Data and Voice Communications

This qualification covers competencies to select, install, set up, test, fault find, repair and maintain telecommunications and high-performance data services in buildings and premises. It includes Australian Communications and Media Authority (ACMA) requirements for Open Cabler Registration.

UEE30920 - Certificate III in Electronics and Communications

This qualification covers competencies to select, install, set up, test, fault find, repair and maintain electronic equipment and devices at component/sub-assembly level with options in communications, audio, video and TV, personal computer and networks, security and custom installations.

UEE30320- Certificate III in Custom Electronics Installations

This qualification covers competencies to select, install, set up and test surround sound, home theatre and integration aspects for 'intelligent houses'. It covers the scope of Custom Electronic Design and Installation Association (CEDIA) Certification level 2.

Income/opportunities

The global Audio Visual (AV) and data industry is expanding at a rapid rate, so much so that it has the potential to reach a global market of \$325 billion by 2024. A key factor in the growth of the Audio- Visual and data industry is an ever-increasing demand for media and entertainment content and data systems. One of the identified key challenges for the industry is the lack of trained employees available to meet the increasing demand.

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