

DIPLOMA OF TELECOMMUNICATIONS ENGINEERING



COURSE CODE:
ICT51015

WHY CHOOSE TAFE NSW?



Opens career doors. Our industry relationships lead many students directly into work with a range of employers including agencies, studios, galleries and fashion houses.



Global prospects. TAFE NSW graduates possess the technical knowledge, creative-thinking and specialised skills that are highly sought after by employers around the world.



State-of-the-art facilities. Purpose-built creative studios and industry standard software mean you will master the same tools of the trade as leading professionals.



Industry exposure. TAFE NSW partners with industry to provide you with hands-on experience through networking, sponsor programs, competitions, talks, lectures and other creative industry events.



Recognised and respected. TAFE NSW has built its reputation on delivering trusted, industry aligned and nationally recognised training for over 130 years.

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QUALIFICATION

Diploma of Telecommunications Engineering

CAREER AREA

Electro Technology

TRAINING PACKAGE ENTRY REQUIREMENTS:

ENTRY REQUIREMENTS

To be eligible for this course, you will need to demonstrate that you meet one of the following criteria:

- Have completed a Certificate IV or Diploma from the ICT Information and Communications Technology Training Package **or **
- Have completed a Certificate III in Telecommunications with at least one year full-time equivalent and relevant telecommunications practical experience **or **
- Have completed a Certificate III or a Certificate IV qualification in related technical fields of study with at least one year full-time equivalent and relevant telecommunications practical experience **or **
- Have completed a minimum of three years equivalent full-time experience in the telecommunications industry with particular technical experience in; installation of cabling; diagnosis and rectification of telecommunications system faults; and the delivery and operation of network infrastructure, for core and access networks in accordance with industry regulations and legislative requirements

Evidence required:

- A transcript of your relevant qualifications (as above) and/or a resume outlining your work experience in the telecommunications or relevant industry

IS THIS COURSE RIGHT FOR YOU?

To be prepared for this course, it is recommended that you have:

- Analytical thinking
- The ability to troubleshoot and problem solve
- Effective communication

If you need help preparing for study, contact us about your options



OVERVIEW

TAFE NSW is a leading provider of training for the Information and Communications Technology (ICT) sector. With our nationally recognised Diploma of Telecommunications Engineering, you will be well placed to secure employment as a technical specialist, now and into the future.

This course is for people with previous qualifications in the field or equivalent industry experience.

You will learn how to:

- Install, test and commission voice and data communications networks in medium to large enterprises
- Use next generation networks technologies

You will also be able to provide technical support in monitoring and administering the installation of large telecommunications and IT networks including:

- Local area networks (LAN) and wide area networks (WAN)
- IP based protocol systems
- Voice over internet protocol (VoIP)
- Unified communications networks
- Secured networks
- Cellular mobile networks
- Microwave systems
- Wireless and wired line networks
- Databases
- Routers
- Switches
- Servers

You may also have the option to specialise in:

- Management
- Network Engineering
- Optical Networks
- Radio Communications

Talk to us today about the study options available to you.

Licensing/Regulatory Information

Work functions in the occupational areas where this unit may be used are subject to regulatory requirements. Refer to the ICT Implementation Guide Companion Volume or the relevant regulator for details of licensing, legislative or certification requirements.

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