

# ICT60220 - ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY

(SPECIALISATION: TELECOMMUNICATIONS NETWORK ENGINEERING)

CRICOS COURSE CODE - 108135K



## Qualification Overview

This qualification reflects the role of individuals in a variety of information and communications technology (ICT) roles who have significant experience in specialist technical skills, or managerial business and people management skills.

Individuals in these roles carry out complex tasks in a specialist field, working independently, leading a team or a strategic direction of a business. They apply their skills across a wide range of industries and business functions, or as a business owner (sole trader/contractor).

The specialised skills required for a wide variety of roles are listed in the Training Package.

## Who can Enrol?

Target applicants will be mostly International/overseas mature aged applicants who may have completed ICT60220 Diploma of Information Technology (Telecommunications Network Engineering) or similar qualification and want to further develop their skills in managing and communicating strategic ICT business solutions.



## Course Duration:

Course duration is calculated on 20 hours per week of face-to-face training for 44 weeks & 8 weeks of allocated term break.

Total Course Duration: 52 weeks



## Mode of Delivery:

- Face to face classroom based.
- Multicultural groups in an instructor-led learning environment.
- Assessment in simulated environment.

## NOTE:

In the absence of formal English qualifications Glen Institute may proffer English Placement Test.

## Recommended Pathways from the qualification

After achieving this qualification, individuals could progress to higher education sector qualifications within the ICT area. They may choose to advance their selected specialisation areas or expand their skills and knowledge in new areas.

## Employment Pathways from the qualification

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:

- Telecommunications Network Manager
- Telecommunications Field Engineer
- Telecommunications Technical Officer
- Telecommunications Network Planner
- Telecommunications Engineering Technician
- Telecommunications Solution Engineer
- Network Security Manager
- Network Support Manager
- Network Design Engineer
- Network Engineer

## Entry Requirements

There are no formal prerequisites required to enter the Advanced Diploma of Information Technology course. However, Glen Institute prefers applicants to have successfully completed the ICT50220 - Diploma of Information Technology (Telecommunications Network Engineering) or a similar qualification.

Additionally, applicants must meet the following entry requirements:

### ■ English Language Requirement

Minimum IELTS score of 6.0 Or PTE score of 51.6 or Certificate IV in EAL or equivalent\*.

\*For equivalency of various English Languages proficiency testing, and other forms of equivalency please refer to the admissions and student selection policy available in the student's handbook ([www.glen.edu.au](http://www.glen.edu.au)).

## Academic Requirement

No formal academic prerequisites. However, Diploma of Information Technology (Telecommunications Network Engineering) or similar qualification is preferred.

## Age Requirement

All applicants must be aged 18 years or over at the time of applying for admission to the course.

## Language Literacy and Numeracy (LLN) Requirement

Applicants will be required to demonstrate their LLN capabilities &/or complete an LLN assessment prior to commencement of the course as per the Glen Pre-training & LLN Policy & Procedure. Glen Institute uses LLN Robot platform for the assessment.

## Other

Applicants should have proficiency in digital literacy and MS Office skills (Word, Excel and Power Point). Applicants should be in possession of their personal computer (the minimum configuration should be Intel Core i3 (sixth generation or newer) or equivalent. Operating System: Microsoft Windows 10 Professional x64, Memory: 4 GB RAM, Storage: 120 GB internal storage).



## CORE UNITS

<b>BSBCRT611</b>	Apply critical thinking for complex problem solving
<b>BSBTWK502</b>	Manage team effectiveness
<b>BSBXCS402</b>	Promote workplace cyber security awareness and best practices
<b>ICTICT608</b>	Manage IP, ethics and privacy in ICT environments
<b>ICTICT618</b>	Manage IP, ethics and privacy in ICT environments
<b>ICTSAD609</b>	Plan and monitor business analysis activities in an ICT environment

## SPECIALISED ELECTIVE UNITS

<b>ICTNPL413</b>	Evaluate networking regulations and legislation for the telecommunications industry
<b>ICTNWK612</b>	Plan and manage troubleshooting advanced integrated IP networks
<b>ICTPMG613</b>	Manage ICT project planning
<b>ICTTEN615</b>	Manage network traffic
<b>ICTTEN622</b>	Produce ICT network architecture designs

## GENERAL ELECTIVE UNITS\*

<b>ICTICT615</b>	Implement knowledge management strategies
<b>ICTICT612</b>	Develop contracts and manage contract performance
<b>ICTSAS502</b>	Establish and maintain client user liaison
<b>ICTSAS502</b>	Produce ICT feasibility reports
<b>ICTSAD509</b>	Review and manage delivery of maintenance services
<b>ICTSAS512</b>	Review and manage delivery of maintenance services

### NOTE:

\*The elective units may change at college's discretion, if necessary.

### Admission Process

For more information (including intake dates) please contact one of our friendly staff at [info@glen.edu.au](mailto:info@glen.edu.au) or call 1300 003 990.

### International Student Enrolment Form



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