



# ICT60220 Advanced Diploma of Information Technology (Telecommunications Network Engineering)

CRICOS Course Code: 106167G

The ICT60220 Advanced Diploma of Information Technology (Telecommunications Network Engineering) provides high level information and communications technology (ICT), process improvement and business skills and knowledge to enable an individual to be effective in senior ICT roles within organisations. The qualification builds on a core of management competencies, specialist and general skills in the telecommunications industry.



#### INTAKES (2022)

JAN, FEB, APR,  
MAY, JULY, AUG,  
OCT NOV



#### UNITS OF STUDY

16 (6 Core units + 10  
Electives)



#### CAMPUS

Sydney, Melbourne  
& Brisbane



#### FEES\* (2022)

\$20,000  
UP to 30% SCHOLARSHIPS  
available SYD, MEL & BNE



#### ADDITIONAL FEES

Enrolment fee: \$200  
MATERIAL FEE: waived



#### DURATION

104 Weeks (2 Years),  
8 Terms 10 weeks  
study + 3 weeks term  
break (total 24 weeks  
break)

ECA College prices are valid for bookings and payments by 31/12/2022



## CAREER OUTCOMES

- Telecommunications Specialist  
Salary AUD\$80,000-\$120,000
- Telecommunications Network  
Manager Salary AUD\$80,000-\$120,000
- Network Security Manager  
Salary AUD\$80,000-\$120,000
- IP Based Optical Network Designer  
AUD\$80,000-\$120,000
- Senior Project Manager  
(Telecommunications/Infrastructure)  
Salary AUD\$80,000-\$120,000

# ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY (TELECOMMUNICATIONS NETWORK ENGINEERING)

Course	Cricos	Campus	Duration	Units
ICT60220	106167G	Sydney	104 weeks, 6 Terms	16
		Melbourne	80 study weeks +	6 Core
		Brisbane	24 weeks term break	10 Electives

## Eligibility

Education & Pre-requisites	Age	English
Equivalent of Australia Year 12 and above AQF Certificate IV or above	18 years +	IELTS 5.5 overall, 5.0 score each band. Cambridge - B1 (PET) or higher EL SIS - General English 12 weeks- Intermediate or higher. Completion of EAP 1 EXTERNAL - Upper Intermediate level

## Timetable

Class type	Days	Hours per week
On Campus	2 days or 4 evenings	15 hours + 5 hours self-study

## UNITS STUDIED

Unit Code	Unit Type	Unit Name
BSBCRT611	Core	Apply critical thinking for complex problem solving
BSBTWK502	Core	Manage team effectiveness
BSBXCS402	Core	Promote workplace cyber security awareness and best practices
ICTICT618	Core	Manage IP, ethics and privacy in ICT environments
ICTSAD609	Core	Plan and monitor business analysis activities in an ICT environment
ICTICT608	Core	Interact with clients on a business level
ICTNWK612	Elective	Plan and manage troubleshooting advanced integrated IP networks
ICTTEN824	Elective	Manage network testing strategies
ICTSUS811	Elective	Conduct and manage life cycle assessments for sustainability
ICTTEN615	Elective	Manage network traffic
ICTPMG613	Elective	Manage ICT project planning
ICTTEN622	Elective	Produce ICT network architecture designs
ICTNPL413	Elective	Evaluate networking regulations and legislation for the telecommunications industry
ICTTEN821	Elective	Manage solution architecture and impacts
ICTPMG506	Elective	Prepare network project briefs
ICTNWK561	Elective	Design enterprise wireless local area networks

## What you can expect to learn:

Information Technology is the new frontier. This qualification will open doors for you in a variety of technological endeavours. The Advanced Diploma of Information Technology, in particular, will be in high demand. The course includes training in a full suite of in-demand skills such as telecommunications, network engineering, business analysis, switching, control and operation of telecommunications systems, monitor complex broadcasting equipment.

## Career Opportunities

Career outcomes for this course include Communications Specialist (ICT), Telecommunications Consultant, or Telecommunications Specialist.

## STUDY PATHWAYS

<b>106167G</b> <b>Advanced Diploma of Information Technology (Telecommunications Network Engineering)</b>	<b>ECA College</b> <ul style="list-style-type: none"> <li>Graduate Diploma of Management (Learning)</li> </ul>
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TO APPLY ONLINE GO TO:  
[ecacollege.edu.au/apply/](http://ecacollege.edu.au/apply/)



**ECA College Sydney**  
 1-3 Fitzwilliam Street, Parramatta,  
 New South Wales, 2150, Australia  
 Phone: +61 2 87663636

**ECA College Melbourne**  
 Level 7, 399 Lonsdale Street, Melbourne,  
 VIC 3000 | Phone: 03 9603 5333

**Brisbane Campus:**  
 Level 1 / 126 Margaret Street,  
 Brisbane - QLD - 4000  
 Phone: 07 3210 7403

[ecacollege.edu.au](http://ecacollege.edu.au)  
 CRICOS Code: 02644C  
 RTO Code: 45012