



**AUSTRALIAN INSTITUTE OF WORK-INTEGRATED  
EDUCATION AND RESEARCH**

ABN 39 660 638 835

RTO CODE: 46175

CRICOS NO: 04238A

**ICT60220**  
**ADVANCED DIPLOMA OF  
INFORMATION TECHNOLOGY**  
**TELECOMMUNICATIONS  
NETWORK ENGINEERING**  
[INTERNATIONAL STUDENTS]



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137 Days Road, Regency Park, SA 5010, Australia

# ICT60220

## ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY

(TELECOMMUNICATIONS NETWORK ENGINEERING)

[INTERNATIONAL STUDENTS]

### QUALIFICATION

ICT60220 - Advanced Diploma of Information Technology is a nationally accredited course for those seeking to develop their competency in Information Technology. This qualification opens door to a variety of information and communication technology (ICT) roles across a wide range of fast-growing industries. The Telecommunications Networking specialisation is designed to meet the demands and responsibilities of a variety of IT and communication technology roles.

### CAREER OPPORTUNITIES

After completing the ICT60220 - Advanced Diploma of Information Technology (Telecommunications Network Engineering), graduates can pursue various career opportunities, including Network Engineer, Telecommunications Technician, Network Administrator, Telecommunications Project Manager, Network Consultant, VoIP Engineer, Network Security Specialist, Systems Integrator, Field Service Technician, and Telecommunications Network Designer. These roles offer diverse paths for specialization and advancement within the telecommunications and network engineering fields.



### ENTRY REQUIREMENTS

The following local entry requirements apply to applicants seeking to enrol in this course

- ✓ Be aged 18 years or over
- ✓ Hold verified evidence of IELTS Level 5.5
- ✓ Hold a minimum of a Higher School Certificate (or equivalent)
- ✓ Able to commit to the course attendance requirements
- ✓ Successfully complete a Language Literacy and Numeracy (LLN) test



### THE COURSE FACTS

- ▶ **Duration :** 74 weeks
  - Training and assessment : 60 weeks
  - Holidays : 14 weeks
- ▶ **Commitment :** 20 hours per week
  - Face to face training and assessment : 14 hours per week
  - Self-study : 6 hours per week
- ▶ **Commencing :** This course follows a rolling enrolment system. Students can commence at any intake date available on the website.
- ▶ **CRICOS Course Code :** 115481M
- ▶ **Delivery mode :** Face-to-face
- ▶ **Campus :** AIWER, Regency International Centre, 137 Days Rd, Regency Park SA 5010
- ▶ **Fees :**  
Total : **AUD \$ 18,800**
  - Application Fee (not refundable) AUD \$250
  - Tuition Fee AUD \$18,000 (6 payments of \$3,000 per term)
  - Learning Resources Fee AUD \$550
- ▶ **Minimum Initial Fee :**  
**\$3,550** (Term 1 and Learning Resources Fee)

These entry requirements will be confirmed through information collected on the enrolment form and during the enrolment interview.

In addition to these entry requirements, students must be able to meet the Student Visa 500 subclass requirements.

## TRAINING AND ASSESSMENT

The course will be delivered over two years' period. The course will be delivered in eight terms over four semesters. Training is conducted face-to-face in a classroom/computer lab (theoretical/practical) environment. It is mandatory to undertake 20 hours of study per week including face-to-face training and assessment for 14 hours and self-study of 6 hours per week.

The assessment is conducted using a combination of skills tests and knowledge tests. Supervised assessment tasks will occur for approximately three hours per week during scheduled classroom attendance. Students will need to complete the non-supervised assessment during the six self-study hours each week.



## UNITS OF COMPETENCY

The following identifies the common units of competence to be delivered for both specialisations :

The following identifies the units of competence to be delivered for Telecommunications Network Engineering specialisation:

BSBCRT611 Apply critical thinking for complex problem solving	Core
BSBTWK502 Manage team effectiveness	Core
BSBXCS402 Promote workplace cyber security awareness and best practices	Core
ICTICT608 Interact with clients on a business level	Core
ICTICT618 Manage IP, ethics and privacy in ICT environments	Core
ICTSAD609 Plan and monitor business analysis activities in an ICT environment	Core
BSBLDR523 Lead and manage effective workplace relationships	Elective
BSBPMG430 Undertake project work	Elective
ICTPMG617 Plan and direct complex ICT projects	Elective
ICTNWK546 Manage network security	Elective
ICTNWK538 Install and maintain valid authentication processes	Elective

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

## LEARNING OUTCOMES

Completing the ICT60220 - Advanced Diploma of Information Technology (Telecommunications Network Engineering) equips students with advanced skills in designing, implementing, and managing telecommunications networks. Graduates will gain expertise in configuring and troubleshooting network systems, ensuring performance and reliability, and applying security measures. They will also learn to manage telecommunications projects, including planning and executing network upgrades. Effective communication and problem-solving skills will enable them to collaborate with clients and team members to meet network requirements and resolve technical issues.

## ACADEMIC PATHWAYS

After completing the ICT60220 - Advanced Diploma of Information Technology (Telecommunications Network Engineering), graduates can pursue several pathways for further education and career advancement. They can enrol in a Bachelor's degree in Telecommunications, Network Engineering, or Information Technology to deepen their knowledge and qualify for higher-level positions. Graduates may also seek specialized certifications in areas such as Cisco Certified Network Professional (CCNP) or Certified Information Systems Security Professional (CISSP) to enhance their expertise and credentials.

## APPLICATION PROCESS

- Applicants must read and understand the Course Brochure and Student Handbook.
- Complete the International Student Enrolment Form available on our website. The application for enrolment must be accompanied by : \_\_\_\_\_
- Complete a Language Literacy and Numeracy (LLN) test.
- We will review the application form for completeness. When the application for enrolment is complete student will be issued a Letter of Offer (valid 14 days), invoice for initial payment of fees and provided with a Student Agreement for student's review.
- On acceptance of the offer student is required to return the student agreement with the initial payment of fees.
- Upon approval of the application, an electronic confirmation of enrolment (eCoE) will be generated and forwarded to Department of Immigration and Border Protection and the student with an official receipt for the fees paid.

- Evidence of IELTS proficiency (Score of 5.5)
- Evidence of a High School Certificate or equivalent secondary schooling outcome
- Application Fee (not refundable) \$250



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**FOR FURTHER INFORMATION PLEASE CONTACT US:**

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