AIWER

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

CYBER SECURITY

TELECOMMUNICATIONS NETWORK ENGINEERING

DUAL SPECIALISATIONS
[INTERNATIONAL STUDENTS]

ICT60220

ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY
(CYBER SECURITY & TELECOMMUNICATIONS NETWORK ENGINEERING) DUAL SPECIALISATIONS
[INTERNATIONAL STUDENTS]

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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 Cyber Security and Telecommunications Network Engineering specialisations are 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 (Cybersecurity and Telecommunications Network Engineering), graduates can pursue careers such as Cybersecurity Analyst, Network Security Engineer, Telecommunications Network Engineer, IT Security Consultant, Incident Responder, Network Administrator, Telecommunications Project Manager, Security Architect, VoIP Engineer, and Forensic Analyst. These roles span industries like technology, finance, healthcare, and government, providing diverse opportunities for specialisation and career advancement within IT and telecommunications.

ACADEMIC PATHWAYS

After completing the ICT60220 - Advanced Diploma of Information Technology (Cybersecurity and Telecommunications Network Engineering), graduates can pursue a Bachelor's degree in Cybersecurity, Telecommunications, or IT, or obtain certifications like CISSP, CCNP, or CEH.

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 :** 104 weeks (2 years)
  - o Training and assessment : 80 weeks
  - o Holidays : 24 weeks

- ▸ **Commitment :** 20 hours per week
  - o Face to face training and assessment : 14 hours per week
  - o 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 $ 24,800**

  - o Application Fee (not refundable) AUD $250
  - o Tuition Fee AUD $24,000 (8 payments of $3,000 per term)
  - o 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 :

Unit	Type
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

The following identifies the units of competence to be delivered for **Cyber Security** specialisation

Unit	Type
ICTCYS604 Implement best practices for identity management	Elective
ICTCYS606 Evaluate an organisations compliance with relevant cyber security standards and law	Elective
ICTCYS608 Perform cyber security risk assessments	Elective
ICTCYS612 Design and implement virtualised cyber security infrastructure for organisations	Elective
ICTCYS601 Create cyber security standards for organisations	Elective

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

Unit	Type
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 (Cybersecurity and Telecommunications Network Engineering) equips students with advanced skills in designing, implementing, and managing secure telecommunications networks. They will gain expertise in network configuration, troubleshooting, cybersecurity measures, and incident management. Additionally, students will learn to integrate and optimise cybersecurity and network solutions, lead network and security projects, comunicate effectively with stakeholders, and apply problem-solving techniques to complex technical issues.

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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