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AUSTRALIAN INSTITUTE OF WORK-INTEGRATED EDUCATION AND RESEARCH

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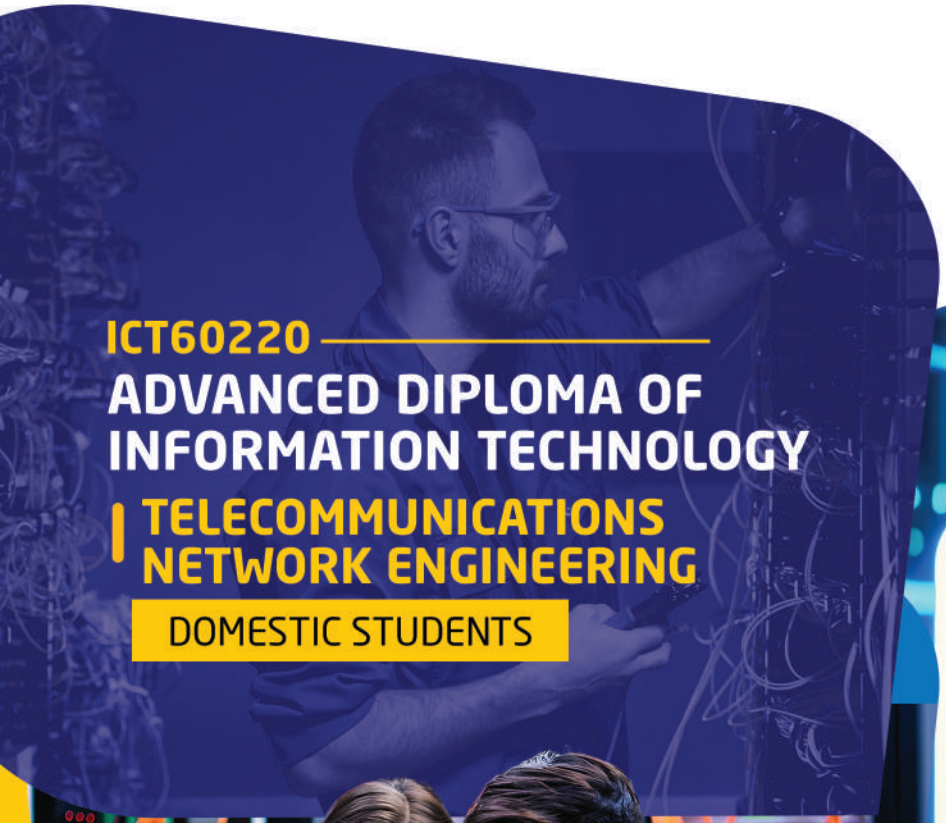

ICT60220

ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY

TELECOMMUNICATIONS NETWORK ENGINEERING

DOMESTIC STUDENTS

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137 Days Road, Regency Park, SA 5010, Australia

ICT60220

ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY (TELECOMMUNICATIONS NETWORK)

[DOMESTIC 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 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.

THE COURSE FACTS

- **Duration :**
  - Campus based regular students: 1.5 Years
  - Students with relevant knowledge and work experience may be eligible for Recognition of Prior Learning (RPL), enabling them to complete the course in a shorter timeframe.
- **Commencing :**
  Students can commence at any intake date available on the website.
- **Delivery mode :**
  Face-to-face/Workplace/Online/Blended
- **Campus :**
  AIWER, Regency International Centre, 137 Days Rd, Regency Park SA 5010
- **Fees :**
  Full Fee : **AUD $ 12,000**
  - Reduced fee for experienced and RPL candidates depending on the number of units requiring training.

ENTRY REQUIREMENTS

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

- ☑ **Successfully complete a Language Literacy and Numeracy (LLN) test**
- ☑ **Preferably completed Year 10 or a vocational qualification or work experience**

TRAINING AND ASSESSMENT

The course will be delivered, within a purpose-designed learning environment. Face-to-face training is conducted in a classroom/computer lab (theoretical/practical) environment. Workplace, online, and blended delivery options are also available for eligible students. The assessment is conducted using a combination of knowledge and skill tests.

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UNITS OF COMPETENCY

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

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 Telecommunications Network Engineering specialisation:

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 Domestic Student Enrolment Form which is also available on our website.
- Complete a Language Literacy and Numeracy (LLN) test.
- When the application for enrolment is complete student will be issued a Letter of Offer, 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, the student will receive a confirmation of enrolment and an official receipt for the fees paid.

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FOR FURTHER INFORMATION PLEASE CONTACT US:

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