

Specialisation in

Cyber Security

Telecommunications Network Engineering

ICT60220 ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY

CRICOS 106815B

Course Overview

This course is peak point of the Information Technology stream of courses and prepares the student with knowledge and skills for paraprofessional/highly skilled work roles and/or further learning at Bachelor level.

Individuals in these roles carry out a mix of highly specialist and complex operational tasks that require self-development skills. They use well-developed skills and a broad knowledge to autonomously judge and implement decisions within broad parameters to provide specialist advice and apply solutions to an extended range of unpredictable problems.

Teaching sessions are trainer-led in-group sizes of up to 30 participants. The teaching program is undertaken using a planned schedule in accordance with national standards.

Course Features

- 16 units in total
- 4 terms per year
- 1.5 years course
- 60 weeks of learning + 18 weeks holiday
- 20 hours per week face to face learning plus online and self learning

Course Units

Core Units x 6

- BSBXCS402 Promote workplace cybersecurity awareness and best practices
- ICTICT608 Interact with clients on a business level
- ICTICT618 Manage IP, ethics and privacy in ICT environments
- BSBCRT611 Apply critical thinking for complex problem solving
- BSBTWK502 Manage team effectiveness
- ICTSAD609 Plan and monitor business analysis activities in an ICT environment

Elective Units x 10

Cyber Security

- ICTCYS612 Design and implement virtualised cyber security infrastructure for organisations
- ICTCYS606 Evaluate an organisation's compliance with cyber security standards and law
- ICTCYS608 Perform cyber security risk assessments
- ICTCYS604 Implement best practices for identity management

Telecommunications Network Engineering

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

General Elective

- BSBLDR601 Lead and manage organisational change

Career Opportunities

