



CRICOS Code 105060D
Campus Sydney , Adelaide
Tuition Duration 1 year (52 weeks)
Delivery Mode Face- to-face, online and blended

Tuition Fee \$12,000

This qualification can provide specialisations in:

- Cyber Security
- Advanced Networking + Cyber Security
- Back end web development + Front end web development
- Cloud architect + Cloud Engineer
- Systems administration + Systems analysis
- Advanced Networking + Systems administration

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FOR 2021

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Provider CRICOS Code 01917B | RTO Code - 6538

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Adelaide: L2, 127 Rundle Mall, Adelaide, SA 5000, Australia Phone: +61 8 8203 9000

ENTRY REQUIREMENTS

- Must be minimum of 18 years old.
- Must have completed Australian Year 12 or overseas equivalent
- Have sound language, literacy and numeracy skills (Contact IIBIT for a LLN test).
- Have a USI or obtain a USI refer <https://www.usi.gov.au/students>

International Students Additional Requirements

- Academic IELTS overall band score: 5.5 or equivalent
- For students who do not have an IELTS test score or equivalent test score, they can take an English placement test to assess whether their English level can meet the requirements of entry into the course.

COURSE OVERVIEW & STRUCTURE

This qualification reflects the role of individuals in a variety of information and communications technology (ICT) roles who have established specialised skills in a technical ICT function.

Individuals in these roles carry out moderately complex tasks in a specialist field, working independently, as part of a team or leading a deliverable with others. They may apply their skills across a wide range of industries, business functions and departments, or as a business owner (sole trader/contractor).

TEACHING AND ASSESSMENT METHODS

Teaching methods focus on classroom based face-to-face training, which includes lectures and practical tutorials. Classes are small in size and lecturers focus on individual student needs during the learning process. The emphasis in assessment is on collection of evidence, holistic assessment against the unit of competency and trainer/assessor judgment. Importance is placed on the integration of areas of theoretical knowledge, practical skills and proper work attitudes.

The following assessment methods are used:

- Written examinations
- Written and oral quizzes
- Simulated workplace activities/scenarios/role plays
- Projects/assignments/presentations
- Classroom activities

Learning and assessment generally take place in an integrated classroom and simulated workplace environment.

QUALIFICATION STRUCTURE

Total number of units = 20

- 6 Core units plus
- 14 Elective units

Specialisation programs will need

Total number of units = 20

- 6 Core units plus
- Elective units+specialisation units listed under the course

Core units

BSBCRT512 Originate and develop concepts

BSBXCS402 Promote workplace cyber security awareness and best practices

BSBXTW401 Lead and facilitate a team

ICTICT517 Match ICT needs with the strategic direction of the organisation

ICTICT532 Apply IP, ethics and privacy policies in ICT environments

ICTSAS527 Manage client problems

General Elective units

ICTICT523 Gather data to identify business requirements

ICTPMG505 Manage ICT projects

ICTDBS506 Design databases

ICTWEB513 Build dynamic websites

ICTCYS407 Gather, analyse and interpret threat data

ICTCYS610 Protect critical infrastructure for organisations

ICTPRG530 Manage projects using software management tools

ICTPRG531 Prepare for application development using current methods

ICTICT524 Determine ICT strategies and solutions for organisations

ICTPRG546 Validate application designs against specifications

ICTPRG551 Apply testing techniques for software development

ICTCLD502 Design and implement highly-available cloud infrastructure

ICTCLD507 Build and deploy resources on cloud platforms

ICTSAS518 Install and upgrade operating systems

Cyber Security

ICTCYS613 Utilise design methodologies for security architecture

ICTSAS524 Develop, implement and evaluate an incident response plan

ICTSAS526 Review and update disaster recovery and contingency plans

Advanced Networking + Cyber Security Security

ICTNWK529 Install and manage complex ICT networks

ICTNWK536 Plan, implement and test enterprise communication solutions

ICTNWK540 Design, build and test network servers

ICTNWK546 Manage network security

ICTNWK557 Configure and manage advanced virtual computing environments

ICTNWK559 Install an enterprise virtual computing environment

ICTCYS613 Utilise design methodologies for security architecture

ICTSAS524 Develop, implement and evaluate an incident response plan

ICTSAS526 Review and update disaster recovery and contingency plans

Back end web development + Front end web development

ICTWEB514 Create dynamic web pages

ICTWEB518 Build a document using extensible markup language

ICTWEB519 Develop complex web page layouts

ICTWEB520 Develop complex cascading style sheets

ICTICT524 Determine ICT strategies and solutions for organisations

ICTICT523 Gather data to identify business requirements

ICTPMG505 Manage ICT projects

ICTWEB513 Build dynamic websites

ICTWEB519 Develop complex web page layouts

ICTWEB520 Develop complex cascading style sheets

Cloud architect + Cloud Engineer

ICTCLD501 Develop cloud disaster recovery plans

ICTCLD503 Implement web-scale cloud infrastructure

ICTCLD504 Improve cloud-based infrastructure

ICTCLD505 Implement cloud infrastructure with code

ICTCLD506 Implement virtual network in cloud environments

ICTCLD508 Manage infrastructure in cloud environments

Systems administration + Systems analysis

ICTNWK615 Design and configure desktop virtualisation

ICTSAS512 Review and manage delivery of maintenance services

ICTSAS518 Install and upgrade operating systems

ICTSAS524 Develop, implement and evaluate an incident response plan

ICTNWK548 Model preferred system solutions

ICTSAD501 Model data objects

ICTSAD502 Model data processes

ICTSAS506 Update ICT system operational procedures

ICTSAS520 Develop d Advanced Networking + Systems administration

ICTNWK529 Install and manage complex ICT networks

ICTNWK536 Plan, implement and test enterprise communication solutions

ICTNWK540 Design, build and test network servers

ICTNWK546 Manage network security

ICTNWK557 Configure and manage advanced virtual computing environments

ICTNWK559 Install an enterprise virtual computing environment

ICTNWK615 Design and configure desktop virtualisation

ICTSAS512 Review and manage delivery of maintenance services

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