



## ICT60220: Advanced Diploma of Information Technology (IT)

### Course Duration

- 62 weeks fulltime for international students. Includes self-directed study, holiday, and assessment time.
- Negotiated individual or group study support sessions are available on a weekly basis and are included within the timetable.

### Delivery Mode

- On Campus. Self-directed as per timetable.

### Enrolment Date

- Rolling Intake

### Qualification Description

This qualification reflects the role of individuals in a variety of information and communication technology (ICT) roles who have significant experience in specialist technical skills, or managerial business and people management skills.

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

These skills required for these roles may include, but are not restricted to:

- Advanced data management information: creating, designing, and monitoring complex systems that store data, and optimizing organisational knowledge management.
- Cyber security: protecting sensitive data and information through security architecture and developing disaster recovery and contingency plans.



## Qualification Description (Cont'd)

- Full stack web development: building advanced user interfaces, developing representational state transfer application program interfaces (REST APIs) and designing user experience solutions.
- Further programming: applying advanced ICT languages to maintain security and manage data.
- IT strategy and organisational development: managing and communicating strategic ICT business solutions.
- System development and analysis: modelling and testing data objects, data processes and preferred ICT system solutions.
- Telecommunications network engineering: managing logistics, organisational specifications, regulations, and legislative requirements across network projects.

## Entry requirements

- There are no entry requirements for this qualification as per [www.training.gov.au](http://www.training.gov.au).

## Admission Requirements

Australian National Education Institute has the following admission requirements:

- Be 18 years or over.
- Be competent in written and spoken English with an IELTS Score of no less than 5.5 or equivalent language test score.
- Participate in a suitability interview prior to enrolment and be able to demonstrate an enthusiasm and ability to undertake this qualification, with the recommendation being made by the interviewer to the CEO and/or nominee who will make the final decision.
- It is also essential for the student to possess basic computer skills.



# AUSTRALIAN NATIONAL EDUCATION INSTITUTE

RTO CODE 45653

CRICOS CODE 03886K

## Units of Competency

- Consistent with the packaging rules, the units listed below will be delivered for this training product. The unit codes and titles are provided, and units are grouped into Core and Elective units.
- Based on information available from [www.training.gov.au](http://www.training.gov.au) the following packaging rules apply for completion of this training product:

### 16 Units must be completed:

- 6 core units
- 10 elective units

## Core Units

Number of units	Unit codes	Unit name
1	BSBCRT611	Apply Critical Thinking for Complex Problem Solving
2	BSBTWK502	Manage Team Effectiveness
3	BSBXCS402	Promote Workplace Cyber Security Awareness and Best Practices
4	ICTICT608	Interact with Clients on a Business Level
5	ICTICT618	Manage IP, Ethics and Privacy in ICT Environments
6	ICTSAD609	Plan and Monitor Business Analysis Activities in an ICT Environment

## Elective Units

Australian National Education Institute has determined that the units below will be offered in the delivery of this program. The selection of units has been based on meeting local industry needs and confirmation of the availability of Australian National Education Institute's resources, equipment, and teaching staff, with relevant vocational competence.

Number of Elective units	Unit code	Unit name
		<b>Units Chosen from Strategy and Business Management</b>
7	BSBLDR601	Lead and Manage Organisational Change
8	BSBSTR601	Manage Innovation and Continuous Improvement
		<b>Units Chosen from Network Security</b>
9	ICTNWK538	Install and Maintain Valid Authentication Processes
10	ICTNWK615	Design and Configure Desktop Virtualisation
11	ICTSAS530	Use Network Tools
		<b>Unit Chosen from Group C: Full Stack Web Development Specialisation</b>
12	ICTPRG535	Build Advanced User Interfaces
		<b>Unit Chosen from Application and Software Development</b>
13	ICTPRG549	Apply Intermediate Object-Oriented Language Skills
		<b>Unit Cosen from Project Development</b>
14	BSBPMG536	Manage Project Risk
		<b>Unit Chosen from Group B: Cyber Security Specialisation</b>
15	ICTCYS608	Perform Cyber Security Risk Assessment
		<b>Unit Chosen from Group G: Telecommunications Network Engineering Specialisation</b>
16	ICTPMG613	Manage ICT Project Planning