AUSTIN INSTITUTE OF TRADES

CRICOS Code: 04123A | RTO No. 46002

ICT60220
ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY

Course Code: (113772E)

Course Description

This qualification reflects the role of individuals in a variety of information and communications 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).

The 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 optimising organisational knowledge management
- Cyber security: protecting sensitive data and information through security architecture, and developing disaster recovery and contingency plans
- 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
- Systems 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

While there are no entry requirements defined in the training package, AIT requires that the following criteria to be met:

- Applicants must be a minimum of 18 years old at the time of commencement.
- Successful completion of an Australian Equivalent Year 12 qualification or higher is required.
- A minimum IELTS score of 5.5 overall with no band/sub score under 5.0 or a PTE score of 42, or a Certificate III in EAL or its equivalent, is necessary.
- Applicants are required to have successfully completed a Pre-Training Review before enrolment.
- The levels of written and spoken English are assessed through a LLN test process conducted during the enrolment procedure.

Course Duration

The total duration of this course covers 104 complete weeks. During this period, 90 weeks are allocated for full-time studies, while a maximum of 14 weeks are designated for breaks.
It is expected that the program's duration would be shorter for students who have completed components that can be identified through Recognition of Prior Learning (RPL) and/or Credit Transfer.

Assessment Approach

Assessment will usually commence in the session following delivery. As this is a competency-based program, assessment continues throughout the program until the participant either achieves competency in the assessment tasks or a further training need is identified and addressed. Students will be required to perform a range of assessment tasks, including but not limited to: written assignments, demonstrations, role plays, assignments, and projects.

Each assessment has also been mapped to the elements, performance criteria, essential skills, essential knowledge, critical aspects of evidence and employability skills for each unit of competency. Specific details of actual assessments and marking and/or assessment criteria are specified in the unit of competency information. Knowledge questions and worksheets: To assess the required knowledge Austin Institute of Trades used knowledge questions that include questions covering required knowledge and performance criteria for the unit.

Career Prospects

This qualification provides a pathway to work in an information and communications technology (ICT) role. Possible job titles include:

- Telecommunications Network Engineer
- Communications Consultant
- Communications Specialist (ICT)
- Telecommunications Consultant
- Telecommunications Specialist

Delivery

The training is delivered through a combination of face-to-face and simulated classroom sessions, which include interactive classroom teaching, role plays, and tutorials.

Delivery Location

242 Lygon Steet, Carlton, Vic-3053, Australia

RPL and Credit Transfers

The Recognition of Prior Learning (RPL) pathway is suitable for candidates who have previously acquired skills and knowledge from sources beyond the formal education and training system. This includes work and life experiences.
Credit transfer is a process that offers students consistent and agreed-upon credit outcomes for specific components of a qualification. This is based on identified equivalences in content and learning outcomes between matched qualifications. Upon successful completion of an RPL or Credit Transfer (CT) application, adjustments will be made to the units to be undertaken and the course duration.
In cases where RPL is granted, learners are not required to partake in additional training and assessment for skills and knowledge they already possess.

Units of Competence

To achieve the Advanced diploma of Information technology qualification, candidates must complete 16 units, including 6 core units and 10 elective units, as outlined below:

Core Units

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

Elective Units

ICTICT522	Evaluate vendor products and equipment
ICTCYS604	Implement best practices for identity management
ICTCYS606	Evaluate an organisation's compliance with cyber security standards and law
ICTCYS608	Perform cyber security risk assessments
ICTCYS612	Design and implement virtualised cyber security infrastructure for organisations
ICTNPL413	Evaluate networking regulations and legislation for the telecommunications industry
ICTNWK612	Plan and manage troubleshooting advanced integrated IP networks
ICTPMG613	Manage ICT project planning
ICTTEN615	Manage network traffic
ICTTEN622	Produce ICT network architecture designs

Australian Qualifications Framework

Nationally Recognised Training

Note: Prices are subject to change at any time, with or without notice. Please contact the Marketing Department for the latest updates.
Disclaimer: The information contained in this brochure is not sufficient to make an informed decision. Please read it in conjunction with other marketing materials and the AIT website.