LEAD COLLEGE
RTO ID: 41489 I CRICOS Code: 03636F

Advance Diploma of Information Technology

Course Code: ICT60220 | CRICOS Code: 105835F

Duration: 78 Weeks

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.

Licensing or Regulatory Requirements

No occupational licensing, certification or specific legislative requirements apply to this qualification at the time of publication.

Mode of Delivery

This program is delivered and assessed through a combination of classroom-based learning, simulated industry workplace activities, and supervised online study. Learners are also expected to complete approximately 10 hours per week of unsupervised study, including reading, research, and revision of previous lessons.

Target Group / Learner Cohort

Target groups for the ICT60220 – Advanced Diploma of Information Technology are overseas students looking for the following pathways:

- Seeking to pursue a career as a Telecommunications Network Engineer
- Seeking a pathway to higher education in Information Technology.

Resources Required

Student must have a personal electronic device such as a laptop or iPad.

1. Provided by Lead college:
2. Relevant support materials for delivery and assessment areas
3. Current assessment tools used in the program
4. Resources to support learners with special needs, including reasonable adjustment procedures
5. Equipment and facilities aligned with unit requirements

Assessment Methods

Assessment methods may include, but are not limited to: direct observation of practical tasks, oral and written questioning, completion of workbooks, simulated workplace activities, interviews, and third-party reports.

The selected assessment strategies have been designed to suit both the qualification outcomes and the characteristics of the target learner group. These methods ensure fair, flexible, valid, and reliable assessment practices are applied.

Entry Requirements

The following are the Admission requirements of Lead college:

- Must be 18 years of age or older at the time of course commencement.
- Prospective students may be required to undertake a Language, Literacy and Numeracy (LLN) and/or a pre-enrolment interview.
- Must have completed Australian Year 12 or equivalent level of schooling or a Certificate III or higher qualification with an Australian institution.
- Must demonstrate English level of IELTS 6.0 overall with no band less than 5.5 or equivalent, such as:
    I. IBT 60
    II. PTE 50
    III. CAE 169
    IV. OET B
    V. General English Advanced or equivalent
    VI. MOI Certificate
    VII. Duolingo 95
    VIII. MET
    IX. LANGUAGECERT Academic
    X. CELPIP General
    XI. Certificate IV or higher qualification with an Australian institution.
- Must have basic digital literacy, including the ability to confidently use the internet and common software applications for learning purposes, completing assignments, and engaging with course content.
- Must be able to participate in training within a simulated workplace environment, including performing manual handling tasks.

Packaging Rules Units of Competency

Total number of units = 16

6 core units plus

10 elective units

https://training.gov.au/training/details/ICT60220/qualdetails

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Units Of Competency

The ICT60220 Advanced Diploma of Information Technology requires the completion of the following 16 Units (including 6 core and 10 electives).

Core Units – 6

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

Elective Units – 10

ICTTEN615	Manage network traffic
ICTTEN622	Produce ICT network architecture designs
ICTCYS608	Perform cyber security risk assessments
ICTNWK612	Plan and manage troubleshooting advanced integrated IP networks
ICTCYS612	Design and implement virtualised cyber security infrastructure for organisations
ICTPMG613	Manage ICT project planning

ICTCYS604	Implement best practices for identity management
ICTNWK541	Configure, verify and troubleshoot WAN links and IP services
ICTNPL413	Evaluate networking regulations and legislation for the telecommunications industry
ICTCYS606	Evaluate an organisation's compliance with cyber security standards and law

**** Please note: Electives are subject to change to meet client and industry requirements.**

Career Pathways

This qualification enables the student to seek employment in the following job roles:

- Enterprise Application Integration Consultant
- Enterprise Architecture Manager
- Knowledge Manager
- Software Manager
- eLearning Manager

Pathway Qualification

Students who complete this course may wish to continue their education into the higher education in Information Technology.

Recognition of Prior Learning (RPL) and Credit Transfer

Lead College recognises qualifications and Statements of Attainment issued by other registered training organisations (RTOs), unless restricted by licensing requirements. We offer Credit Transfer for completed units or subjects that match those in your course.

Recognition of Prior Learning (RPL) allows you to have your existing skills and knowledge gained through work, life experience, or unaccredited training formally recognised. During your entry and interview, we will discuss RPL options with you. If eligible, you will receive a kit to help gather evidence and demonstrate your competencies for relevant units. Review our Credit Transfer and RPL Policy https://www.leadcollege.edu.au/credit-transfer-rpl/ or fill in the form with required evidence https://www.leadcollege.edu.au/application-for-credit-transfer/

Fee

Take advise from Admissions Officer admission@leadcollege.edu.au