

# 110475F – ICT60220 Advanced Diploma of Information Technology

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## Course Overview

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.

## Quick Facts

**Course name:** Advanced Diploma of Information Technology

**VET National Code:** ICT60220

**CRICOS Course Code:** 1110475F

**Duration:** 52 Weeks (including 16 Weeks holiday)

**Tuition Fee:** \$12,000 per year.

## Job Opportunities

The ICT60220 Advanced Diploma of Information Technology qualification can lead to various career opportunities with job titles such as:

- Cyber Security Consultant
- IT Project Manager
- Software Manager
- ICT Systems Administrator
- Network Administrator
- IT Support Analyst
- IT Manager
- ICT Consultant

## **Entry Requirements**

**All students must be over 18**

International Students

- Must have completed equivalent to Australian Grade 12, and
- IELTS band 5.5 (with no individual band below 5.0) or equivalent

Domestic Students

- Must have completed Grade 12, or
- Achieve ACSF Level 4 in a Language, Literacy and Numeracy assessment

## **Assessment method**

Assessments will be conducted through a combination of questioning, practical demonstration, presentations, role-plays and observations.

## **Recognition of Prior Learning**

We offer everyone the opportunity to apply for Recognition of Prior Learning (RPL) at enrolment. Students may be granted credit or partial credit in recognition of skills and knowledge gained through work experience, life experience and/or prior training.

## **Pathways**

Upon successful completion of ICT60220 Advanced Diploma of Information Technology, you may undertake further studies in the field of ICT.

## **Study Location**

CAC Sydney Campus – Level 1, 7 Hassall Street, Parramatta, NSW 2150

## **Course Structure**

**Total number of units = 16**

**6 core units plus**

**10 elective units , of which:**

- at least 7 units must be selected from the elective units listed below
- up to 3 units may be selected from the remaining listed elective units or from this or any currently endorsed Training Package or accredited course where the units are packaged in an Australian Qualification Framework (AQF) Level 5 or 6 qualification.

The units delivered by CAC are as follows:

### **Core Units**

1. BSBCRT611 Apply critical thinking for complex problem solving
2. BSBTWK502 Lead and 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**

7. CPPSEC5004 Develop security risk management plans
8. CPPSEC5005 Implement security risk management plans
9. ICTNWK544 Design and implement a security perimeter for ICT networks
10. ICTNWK620 Design and implement wireless network security
11. ICTNWK537 Implement secure encryption technologies
12. ICTNWK624 – Configure advanced internetwork routing solutions
13. ICTNWK619 Plan, configure and test advanced server based security
14. ICTNWK625 – Plan and configure advanced internetwork switching solutions
15. ICTNWK538 Install and maintain valid authentication processes
16. ICTNWK540 Design, build and test network servers



CAC has relationships with Education Agents to recruit students on our behalf. For a full list of our approved Agents, please refer to the Our Agents page on our website.

Intake Dates: 2024

**USI**

All students undertaking nationally recognised training must have a USI in order to receive a qualification.