



Western Sydney
Technology College
RTO Code: 91798 CRICOS Code: 03825A

ICT60220 | CRICOS 107059C
ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY



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Parramatta Campus:
Suite 501, Level 5 Westfield Office Tower
159-175 Church St, Parramatta NSW 2150



Duration: 76 Weeks (60 Weeks Study)
2 days per week (9am – 5pm) + 3rd day from 9am – 1pm (online)

**Study mode: 15 hours face-to-face on campus
and 5 hours online per week**

QUALIFICATION 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 strategic business direction. They apply their skills across various industries and business functions or as a business owner (sole traders/contractors).

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 optimizing organizational 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 organizational development: managing and communicating strategic ICT business solutions
- Systems development and analysis: modeling and testing data objects, data processes, and preferred ICT system solutions
- Telecommunications network engineering: managing logistics, organizational specifications, regulations, and legislative requirements across network projects.

ENTRY REQUIREMENTS

- ✓ Be at least 18 years of age and have completed the equivalent of Year 12.
- ✓ Have an IELTS* score of 5.5 (test results must be no more than 2 years old). English language competence can also be demonstrated through documented evidence of any of the following:
 - Successfully completed a Certificate IV level course in an Australian RTO; or
 - Successful completion of an English Placement Test

***Note that other English language tests such as PTE and TOEFL can be accepted. Students are required to provide their results so that it can be confirmed they are equivalent to IELTS 5.5.**





What you will learn

CODE	UNITS
ICTICT618	Manage IP, ethics, and privacy in ICT environments (Core)
BSBTWK502	Manage team effectiveness (Core)
BSBXCS402	Promote workplace cyber security awareness and best practices (Core)
ICTICT608	Interact with clients on a business level (Core)
BSBCRT611	Apply critical thinking for complex problem solving (Core)
ICTSAD609	Plan and monitor business analysis activities in an ICT environment (Core)
ICTCYS604	Implement best practices for identity management (Elective)
ICTCYS606	Evaluate an organization's compliance with cyber security standards and law (Elective)
ICTCYS608	Perform cyber security risk assessments (Elective)
ICTCYS612	Design and implement virtualized cyber security infrastructure for organizations (Elective)
ICTNPL413	Evaluate networking regulations and legislation for the telecommunications industry (Elective)
ICTNWK612	Plan and manage troubleshooting advanced integrated IP networks (Elective)
ICTPMG613	Manage ICT project planning (Elective)
ICTTEN615	Manage network traffic (Elective)
ICTTEN622	Produce ICT network architecture designs (Elective)
ICTNWK546	Manage network security (Elective)

EMPLOYMENT PATHWAYS

Possible employment pathways are available to students who complete this qualification:

- E-security specialist
- ICT security specialist
- IT security administrator
- IT security analyst
- IT security specialist
- Systems/network administrator
- Network security analyst
- Network security specialist
- Network security administrator
- Senior network administrator
- Systems security analyst
- Telecommunication Engineer

STUDY PATHWAY

Potential employment options are in information technology in a range of industry areas. Students who complete this course may wish to continue their education into the range of Advanced Diploma qualifications, as well as higher education qualifications in information technology.

ASSESSMENT METHOD

Assessment method that may be used but not limited to:

- ✓ Written Assessment
- ✓ Practical Task
- ✓ Lab Observation Task
- ✓ Project/ Report





Course progress and attendance

Satisfactory course progress and attendance is very important. Please read the Student Handbook carefully for more information. You will also be provided with further information about course progress and attendance requirements at your orientation.

Student support

We offer the following in relation to support and welfare.

- One-to-one support from the trainer/assessor
- Support with personal issues
- Access to additional learning resources
- Reasonable adjustment in the assessment
- Information about external sources of support.

You may not have studied for a while, may have English as a second language, or need additional assistance with literacy or numeracy. We will identify any additional support needs you may have at the time of application and enrolment and may prepare a Student Support Plan for you based on those needs

Course credit

You can apply for recognition of existing qualifications or skills, knowledge, and experience (credit transfer or recognition of prior learning) as per the information included in our Student Handbook, which is available at www.wstc.edu.au.

If you are granted course credit, this will affect your course fees and the duration of your course. We will advise you in writing of changes to fees or course duration due to the credit. You will also be issued with a new Confirmation of Enrolment.

How much does it cost?

WSTC Learning Advisor can answer your inquiries regarding course, material or enrolment fee, Recognition of prior learning (RPL), or Credit Transfer. Refer to the scheduled course fee and charges at www.wstc.edu.au.

A detailed payment plan and payment arrangements are provided in the Offer Letter and Student Agreement. You must pay all of your course fees and on time. Non-payment of fees may result in the cancellation of enrolment.

Visit www.wstc.edu.au for further details.

