ICT60220
ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY
(CYBER SECURITY)

CRICOS COURSE CODE: 110314M

COURSE DETAILS

Provider Name	**Nortwest Pty Ltd t/a City Institute**
RTO Code	**91781**
CRICOS Code	**03256G**
Location of course	**Level 2, 531 George Street, Sydney NSW 2000** **Level 2, 77 – 79 York Street, Sydney NSW 2000** **Level 2, 66-68 Grenfell Street, Adelaide SA 5000**
Delivery mode	**Face to face (Classroom based)**
Duration	**104 weeks, including 88 study weeks and 16 weeks of holidays.**
Specialization *(if any)*	**Cyber Security**
Study load	**20 hours per week in the classroom**
Estimated Self-Study Hours	**5 hours per week** *(may be more or less depending on learner's pre-existing skills and knowledge)*

NATIONALLY RECOGNISED TRAINING

TOTAL COURSE FEE: AUD 21,000

TUITION FEE: AUD 20,000

MATERIAL FEE: AUD 250

APPLICATION FEE: AUD 750 *(NON-REFUNDABLE)*

(Application fee is non–refundable under all circumstances. Please refer to Nortwest Pty Ltd.'s refund policy and procedure for further details)

ICT60220 ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY

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.
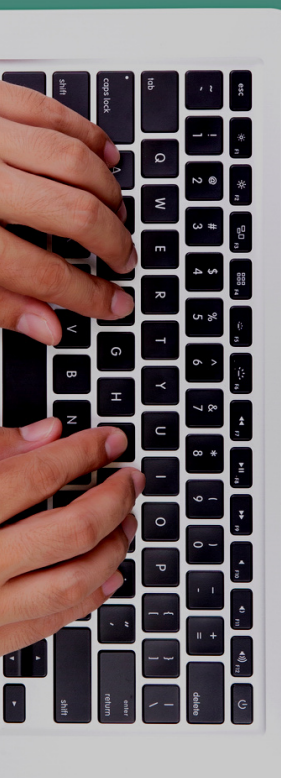
Individuals in these roles carry out complex tasks in a specialist field, working independently, leading a team or a strategic direction of a business. They apply their skills across a wide range of industries and business functions, or as a business owner (sole trader/contractor).
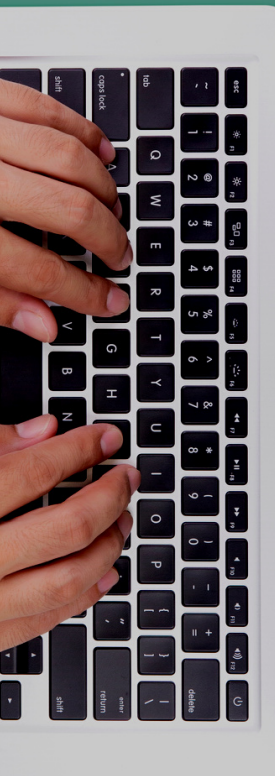
The skills required for these roles may include, but are not restricted to:

- 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

This program is designed for individuals includes international learners over the age of 18 wanting to further their education in the cyber security industry. Students may have little or no experience in the cyber security industry. The qualification is also designed for those looking for a role of technical specialist with high level skills and knowledge in cyber security using internet protocol (IP) systems who can:

- Forecast network growth for enterprise network planning

- Implement convergence technologies in cyber security

COURSE ENTRY REQUIREMENTS:

ENTRY TO THIS QUALIFICATION IS LIMITED TO THOSE WHO:

There are no pre-requisites for any of the units of competency contained within it. This course is available to all international students and Nortwest Pty Ltd. requires that students are able to provide evidence that they:

- Have demonstrated an IELTS level at score of least 5.5 or equivalent (test results must be no more than 2 years old) or demonstration of successful completion of at least General English at Upper Intermediate or English for Academic Purposes Upper Intermediate level.
- Have a suitable level of language, literacy and numeracy to complete course requirements with or without additional support that Nortwest Pty Ltd. is able to provide.
- Have successfully completed Australian year 10 or equivalent.
- Are at least at age of 18 on the date of course commencement.

Please Note: All the students commencing this course are required to complete LLN test on the orientation day to assist Nortwest Pty Ltd. to identify student's needs for additional support during their study with Nortwest Pty Ltd.

COVID-19 VARIATION TO DELIVERY AND ASSESSMENT STRATEGY

ADDITIONAL ENTRY REQUIREMENTS:

- Student must have access to working PC or laptop with a configuration suitable to meet study requirements. Please seek your trainer/assessor assistance in this regard.
- Student must have sound digital literacy and access to working internet.
- Student must be able to attend scheduled theory classes and classes to be conducted in simulated environment (if schedule during Covid-19 is varied from original schedule).
- Where classroom visit is required to conduct the assessments in the compliant way and in accordance with Standard 1.8 of SRTO 2015, Nortwest Pty Ltd. would not be allowing more than 4 learners (or one group, whichever is less) in the class ensuring 4 sqm social distancingis maintained.

During COVID-19 (coronavirus) outbreak, Nortwest Pty Ltd. will use a flexible delivery mode for training and assessment, providing training package requirements allow for this. We would ensure that all regulatory requirements are met with as little disruptions possible. As circumstances change and restrictions are eased, these temporary arrangements will be reviewed, and enrolled students will be notified accordingly. Nortwest Pty Ltd. aims to review any changes in circumstances before commencement of each term so that it has least possible impact on students and course delivery.

ORIENTATION:

New student Orientation will be done via phone, e-mail and zoom. New students will receive an e- mail and call from the Admissions department on the Friday, prior to their date of commencement with all necessary further information and instructions. If you have any questions regarding this process, please contact +61 451 915 609 or applynow@nortwest.edu.au. Please email or call the student administration should you require any additional support.

CLASSES:

During Covid-19, Nortwest Pty Ltd will transition to an online learning environment, this means there will be no face to classes running, unless required to be in simulated environment specifically in class or covid-19 restrictions are eased and/or state government allow to return to full onsite learning. If any student require assistance with their online learning environment, student will notify their trainer and assessor where trainer/assessor will provide them with further guidance.

ONLINE OPTIONS:

The online learning environment will be supported by a range of resources that will vary between units but may consist of learning summaries, video recordings or YouTube videos, and extra documents to aid student's learning. All training staff will be available online at scheduled class times to guide and support the student through their studies. The online learning environment will be available through using Zoom.

ASSESSMENT:

Assessment tasks will vary for each unit of competency, but some of these may be moved online. Some assessment tasks may also be delayed or deferred to a later date pending the situation with COVID-19. The trainers are required to communicate with students for unit specific information. The best way to do this is through Zoom or through email.

SUPPORT:

All staff at Nortwest Pty Ltd will continue to work and will continue to provide the students with the support any individual may need. The student will be remained connected with each trainer/assessor through regular class participation to assist them continuing their studies. Nortwest Pty Ltd will also provide online academic and language support and student support staff are always here to help.

The further study pathways available to students who undertake this qualification include:

- Higher education degree in Cyber Security provided learner meet the entry requirements of the proposed qualification at other higher education provider.

Employment pathways:

1 Cyber Security Administrator

2 Network Security Analyst

3 Network Security Specialist

4 E-security Specialist

5 ICT Security Specialist

6 IT Security Administrator

7 IT Security Analyst

8 IT Security Specialist.

COURSE STRUCTURE:

A total of 16 Units (6 Core and 10 electives) must be completed and deemed competent to achieve the qualification ICT60220 Advanced Diploma of Information Technology (Cyber Security). Participants who achieve competency in any unit/s will receive a Statement of Attainment (provided USI is verified) for that unit/s without completing all 16 units in the qualification. Students completing all the required units of competency will attain full qualification.

CODE	TITLE	CORE/ELECTIVE
BSBCRT611	Research and apply concepts and theories of creativity	Core
BSBTWK502	Lead and manage team effectiveness	Core
BSBXCS402	Promote workplace cyber security awareness and best practices	Core
ICTICT608	Interact with client on a business level	Core
ICTICT618	Manage IP, ethics and privacy in ICT environments	Core
ICTSAD609	Plan nd monitor business analysis activities in an ICT environment	Core
ICTPMG612	Manage ICT project initiation	Elective
ICTPMG613	Manage ICT project planning	Elective
ICTPMG614	Manage ICT project delivery	Elective
ICTPMG615	Manage ICT project closure	Elective
ICTPMG617	Plan and direct complex ICT projects	Elective
ICTCYS604	Implement best practices for identity management	Elective
ICTCYS606E	valuate an organisation's compliance with cyber security standards and law	Elective
ICTCYS608	Perform cyber security risk assessments	Elective
ICTCYS612	Design and implement virtualised cyber security infrastructure for organisations	Elective
BSBPMG536	Manage project risk	Elective

ASSESSMENT METHODOLOGY:

Assessment methods used for this qualification are varied and will provide a range of ways for individuals to demonstrate that they have met the required outcomes. Assessment methods may include:

Written Questions

Projects

Presentations

Report Writing

Role plays/ Observations

Practical Demonstration and Observations

At the beginning of each unit, your trainer and assessor will outline the assessment tasks that must be completed.

LEARNING MATERIAL:

Students will be given the learner workbooks for the qualification, which will contain readings for each unit of competency. In addition, the Trainer/Assessor will provide PowerPoint slides to guide students through the unit content.

FURTHER INFORMATION:

For all further details, please refer to International Student Handbook on for all related policies and procedures (policies and procedures also available on www.nortwest.edu.au) and other important information related to international students including Covid-19, living cost, life and study in Sydney, etc.

Please contact the Administration Manager for further information at

✉ applynow@nortwest.edu.au

☎ +61 451 915 609