ICT60220
ADVANCED DIPLOMA OF
INFORMATION TECHNOLOGY
(TELECOMMUNICATIONS NETWORK ENGINEERING)

CRICOS COURSE CODE: 113551G

COURSE DETAILS

Provider Name	Britts College Pty Ltd
RTO Code	40330
CRICOS Code	04061K
Delivery Location of Course	**SYDNEY CAMPUS:** Level 2, 9-11, 97 Grafton Street, Bondi Junction, Sydney, NSW 2022, Australia **MELBOURNE CAMPUS:** Level 7, 108 Lonsdale Street, Melbourne, VIC 3000, Australia
Delivery Mode	Face to face (Classroom based)
Duration	104 weeks, including 88 study weeks and 16 weeks of holidays
Specialization (if any)	Telecommunications Network Engineering
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 Britts College 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.
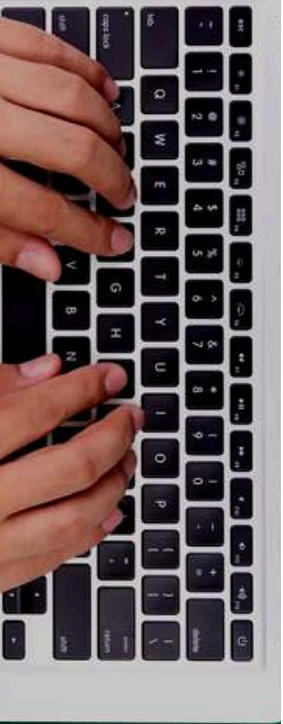
Individuals in these roles carry out complex tasks in a specialist field, working independently, leading a team or a strategic direction of a business. They apply their skills across a wide range of industries and business functions, or as a business owner (sole trader/contractor).
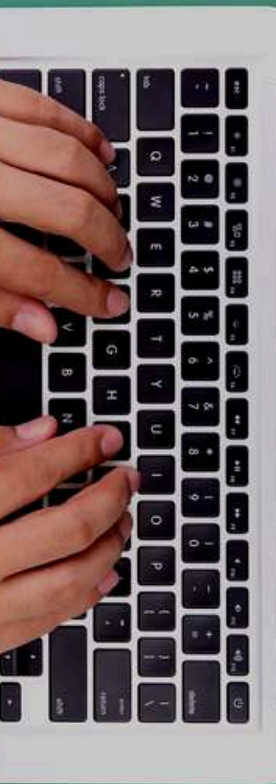
The skills required for these roles may include, but are not restricted to:

- **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 telecommunication and/or networking industry. Students may have little or no experience in the telecommunication and/or networking industry. The qualification is also designed for those looking for a role of technical specialist with high level skills and knowledge in telecommunications and information technology networks using internet protocol (IP) systems who can:

- Forecast network growth for enterprise network planning.
- Design and manage IP based network telecommunications equipment.
- Implement convergence technologies in enterprise telecommunications networks.
- Design and manage optical and wireless network telecommunications architectures for high-speed broadband capability.

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 6.0 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 Britts College. 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 Britts College Pty Ltd. to identify student's needs for additional support during their study with Britts College Pty Ltd.*

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.
- A basic level of comfort with digital tools and the internet is required for accessing educational content and completing coursework.
- Students are required to attend the scheduled theoretical classes, which are an integral part of the curriculum, designed to provide a comprehensive understanding of the subject matter.

ORIENTATION:

Starting your educational journey on the right foot is key. Orientation will be conducted on the campus to welcome new students into our vibrant community. Prior to your start date, the Admissions department will reach out with an email and phone call to provide you with all the necessary details and instructions to navigate the beginning of your academic adventure. For any inquiries or clarifications, reach out to us at **+61 481323385** or **sso@brittscollege.edu.au**. Our student administration is always on hand to offer additional support whenever required.

CLASSES:

Classes are scheduled to be held in a designated classroom, ensuring face-to-face interaction, and will take place on the campus grounds to facilitate a direct and engaging learning experience.

ASSESSMENT:

Assessment will be conducted on college premises under the expert guidance of our assessors and trainers. The college will provide all required materials for these assessments, which are an essential requirement for students to advance in their educational programs.

SUPPORT:

Britts College Pty Ltd is dedicated to providing ongoing support to all students. Our academic staff, including trainers and assessors, are readily available to offer assistance and ensure students have the necessary resources to succeed in their academic endeavours.

PATHWAYS

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

- Higher education degree in telecommunications engineering or networking provided learner meet the entry requirements of the proposed qualification at other higher education provider.

Employment pathways:

1 OPTICAL NETWORK MANAGER

2 SENIOR SPECIALIST TECHNICIAN (TELECOMMUNICATIONS)

3 TELECOMMUNICATIONS TECHNICAL OFFICER

4 SENIOR TECHNICAL OFFICER (TELECOMMUNICATIONS ENGINEERING)

5 TELECOMMUNICATIONS ENGINEER

6 IP CONVERGENCE INTEGRATOR

7 SENIOR TECHNICAL OFFICER (ELECTRONIC TECHNOLOGY)

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 and 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
BSBPMG536	Manage project risk	Elective
ICTNWK612	Plan and manage troubleshooting advanced integrated IP networks	Elective
ICTTEN622	Produce ICT network architecture designs	Elective
ICTTEN615	Manage Network Traffic	Elective
ICTNPL413	Evaluate networking regulations and legislation for the telecommunications industry	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.brittscollege.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

✉ sso@brittscollege.edu.au

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