ICT60220 ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY (TELECOMMUNICATIONS NETWORK ENGINEERING)

NATIONALLY RECOGNISED TRAINING

UIA
Ultimate Institute of Australia

RTO No.: 41544 | CRICOS: 03511G

uia.edu.au

Course Code:	ICT60220
RTO No.:	41544
CRICOS Code:	108251F
Pre-Requisites:	Nil
Duration:	52 Weeks (1 year) incl. Holidays
Intakes:	Monthly
Delivery Mode:	Face-to-Face
Course Fee*:	AU$16,200
Location:	51 Elizabeth Street, Melbourne VIC 3000

All fees are in Australian Dollars (AU$) and are subject to change, and include a course material fee of $450 for business courses.

ICT60220 Advanced Diploma of Information Technology (Telecommunications Network Engineering) 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:

• Telecommunications network engineering: managing logistics, organisational specifications, regulations and legislative requirements across network projects.

The key clients for the for the ICT60220 Advanced Diploma of Information Technology (Telecommunications Network Engineering)are local and international students who wish to formally obtain a higher Information Technology and Communication qualification and would like to develop their skills and knowledge in information technology to create and further educational and employment opportunities. This qualification provides skills and knowledge in information and communications technology (ICT) cyber security environments to support a wide range of industry occupations which include Telecommunications Field Engineer, Network Planner, Telecommunications Technical Officer or Technologist.

Entry Requirements

Academic requirements
Satisfactory completion of an equivalent Australian Year 11 or Certificate III or higher

Parental Consent
Learners under 18 years of age at the time of enrolment need to provide evidence of parental or guardian consent.

Additional entry requirements for International learners:

Age
Learners must be 18 years of age or older.

English Language Requirements
If one of the following applies, you do not need to provide evidence of an English test score with your application:

*   You have completed at least five years' study in one or more of the following countries: Australia, UK, USA, Canada, New Zealand, South Africa, or the Republic of Ireland
*   You are a citizen and hold a passport from UK, USA, Canada, NZ or Republic of Ireland
*   In the two years before applying for the learner visa, you completed, in Australia and in the English language, either the Senior Secondary Certificate of Education or a substantial component of a course leading to a qualification from the Australian Qualifications Framework at the Certificate IV or higher level, while you held a learner visa

Learners who do not satisfy one of the above criteria and wish to apply to study a VET course, must provide evidence of one of the following:

*   IELTS General test score of 5.5 (or equivalent*) for direct entry into the course
*   IELTS General score of 5.0 (or equivalent*) with evidence of enrolment in an ELICOS course of at least 10 weeks' duration taken before the VET course
*   IELTS General score of 4.5 (or equivalent*) with evidence of enrolment in an ELICOS course of at least 20 weeks' duration taken before the VET course
*   Completion of an ELICOS course exiting at the upper-intermediate level, or
*   Successful completion of UIA's language, literacy and numeracy assessment.
Results older than 2 years are not accepted.

*Acceptable equivalent tests are TOEFL IBT, TOEFL PBT, PTE Academic, Cambridge English Advanced (CAE).

Language, Literacy and Numeracy (LLN) test
All students are required to undertake and successful complete an LLN test conducted by UIA. If students do not meet English and LLN requirements, learners will be asked to take further language, literacy and numeracy training.

Pre-Training Review (PTR)
All students will be required to undergo a PTR to determine that they understand the course requirements; that the course suits the student's needs and aspirations; and that they have the skills and ability to succeed in their chosen course.

Education Pathways
Participants who exit this course at any time prior to completion will receive a Statement of Attainment for the units of competency they have successfully achieved.

After completing students may undertake a range of related higher level qualifications.
For instance, after achieving ICT60220 Diploma of Information Technology, learners may undertake the following pathways:
*   Bachelor of Information Technology
*   Bachelor of Business Information System
*   Bachelor of Technology (Telecommunications Engineering)
*   Bachelor of Engineering (Telecommunications Engineering)

Career Pathways
After the successful completion of this qualification, there are several career pathways, which includes but not limited to:
*   Network Specialist
*   ICT Network Specialist
*   Telecommunications Technical Officer or Technologist
*   Telecommunications Network Planner
*   Telecommunications Field Engineer

Course Structure
To achieve this qualification, the learner must demonstrate competency in 16 units of competency (6 core units plus 10 elective units). Successful participants will be issued with a Certificate by Ultimate Institute of Australia (UIA),

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

Elective Units
ICTNPL413	Evaluate networking regulations and legislation for the telecommunications industry
ICTNWK612	Plan and manage troubleshooting advanced integrated IP networks
ICTPMG613	Manage ICT project planning
ICTTEN615	Manage network traffic
ICTTEN622	Produce ICT network architecture designs
ICTNPL412	Apply business acumen to network planning
ICTNWK546	Manage network security
ICTNWK542	Install, operate and troubleshoot medium enterprise routers
ICTNWK543	Install, operate and troubleshoot medium enterprise switches
ICTICT523	Gather data to identify business requirements

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