Australian Institute of Professionals

aip
RTO:32521 | CRICOS: 03934G

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

ONSHORE COURSE FEE : $17,800
Application fee: $250

DELIVERY Location: Level 1, 333 Queen Street, Melbourne, VIC-3000

COURSE 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. It applies to individuals with a range of networking skills and extensive knowledge of core and access network capabilities of the service provider.

It prepares individuals for entry into planning and design for network additions and implementations to accommodate network growth and technologies in the industry, 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 DURATION

104 weeks (include 80 weeks term time and 24 weeks holiday breaks.)
The delivery hours for this course are as follows:
Face to face classes with assessment –

Classes are scheduled 2.5 days per week

THE FUTURE IS BRIGHT.

COURSE DEMANDS

The duration and schedule will consider the need for students to fully gain and develop the skills and knowledge that the assessment will assess. Allowing for variations of some students due to specific learning needs and time for students to reflect on their learning and practice the skills and knowledge in a real or simulated workplace prior to presenting for assessment

TARGET MARKET

The target market for this course is international students:

- who possess an appropriate visa that allows them to study at an Australian registered CRICOS provider.
- who wish to undertake this course to access further study or employment opportunities.
- who have successfully completed year 12 or secondary studies in their home country or in Australia.
- with little or no vocational experience.
- who are 18 years of age at course commencement.

Information on course demands and expectations will be clearly communicated to all students prior to enrolment.

ACADEMIC REQUIREMENTS

To enter this qualification, applicants should have successfully completed year 12 or equivalent

MINIMUM AGE REQUIREMENT

Applicants must be minimum 18 years of age at the time of commencement.

MODE OF STUDY

- Face to face classroom sessions
- Practical training and assessment

PATHWAY INFORMATION

TRAINING PATHWAY

After achieving this qualification, individuals could progress to Vocational Graduate Certificate qualifications or other higher education sector qualifications within the ICT area.

EMPLOYMENT PATHWAYS

Successful completion of this qualification may provide career opportunities as Cyber security administrator, Network security analyst, IT security administrator, Field Engineer, Technical Officer

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT TRANSFER (CT)

All students are provided with the opportunity to have their prior learning and experience assessed and gain recognition for this. Students who have successfully completed whole units of competency with an Australian Registered Training Organisation that are identical to any of those contained within this course can apply for Credit Transfer.

ASSESSMENT

Each unit is assessed individually. Each unit contains two or more assessment tasks that are undertaken in class or in the student's own time. Some assessment tasks are open book, and some are closed book. Students will undertake in class assessments at the AIP campus at Level 1, 333 Queen Street, Melbourne, VIC-3000 Australia. All assessment activities will be conducted by AIP Assessors.

COURSE STRUCTURE

In order to achieve this qualification students must satisfactorily complete the following 16 units of competency:

Core units

BSBXCS402	Promote workplace cyber security awareness and best practices
BSBCRT611	Apply Critical Thinking for Complex Problem Solving
ICTSAD609	Plan and monitor business analysis activities in an ICT environment
BSBTWK502	Manage team effectiveness
ICTICT608	Interact with clients on a business level
ICTICT618	Manage IP, ethics and privacy in ICT environments

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
ICTSUS603	Integrate sustainability in ICT planning and design projects
BSBLDR523	Lead and manage effective workplace relationships
ICTNWK546	Manage network security
ICTNWK560	Determine best-fit topologies for wide area networks
ICTNWK561	Design enterprise wireless local area networks

FURTHER INFORMATION

Contact the Training Manager for further information on phone: 03 9749 7727 or email admin@aiop.edu.au.

NATIONALLY RECOGNISED TRAINING