Melbourne College of Business & Technology

COURSE BROCHURE

ICT60220 Advanced Diploma of Information Technology (Telecommunications Network Engineering) (CRICOS Course Code: 110929B)

Course Overview	
Provider Name	Melbourne College of Business and Technology
RTO Code	45217
CRICOS Code	03631M
Location of course	Suite 2, Level 9, 190 Queen Street, Melbourne VIC 3000 Australia
Delivery mode	Face to face (Classroom based)
Duration	104 weeks (88 study weeks plus 16 weeks of holidays).
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

Fees

- **Total Course Fee: AUD 21,000**
- **Tuition Fee: AUD 20,000**
- **Material Fee: AUD 750**
- **Application Fee: AUD 250 (non-refundable)**

(Application fee is non-refundable under all circumstances. Please refer to Melbourne College of Business and Technology refund policy and procedure for further details)

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. 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.

Course Entry Requirements

This course is available to all international students and Melbourne College of Business and Technology requires that students are able to provide evidence that they:

- Have demonstrated an IELTS level at a score of at 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 Melbourne College of Business and Technology is able to provide.
- Have successfully completed Australian year 12 or equivalent
- Are at least at age of 18 on the date of course commencement
- Applicants should have basic computer and MS Office skills (Word, Excel and PowerPoint)
- **Please Note:** All the students commencing this course are required to complete the LLN test on the orientation day to assist Melbourne College of Business and Technology to identify student's needs for additional support during their study with Melbourne College of Business and Technology.

Additional entry requirements

- Students must have access to a working PC or laptop with a configuration suitable to meet study requirements. Please seek your trainer/assessor assistance in this regard.
- Students must have sound digital literacy and access to working internet.
- Students must be able to attend scheduled theory classes and classes to be conducted in a simulated environment (if the schedule during Covid-19 is varied from original schedule).
- Practicals must be completed at Melbourne College of Business and Technology facilities or as advised otherwise.

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/Case study activities
- Presentations
- Report writing
- Role plays/observations
- Thid party Reports
- Observations

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

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.

Recognition of Prior Learning (RPL)/Credit Transfer (CT)

Melbourne College of Business and Technology (MCBT) will offer Recognition of Prior Learning (RPL) and Credit Transfer (CT) to all prospective students through the enrolment process. MCBT has documented policies and procedures for these processes and students are provided details of how to apply for RPL or Credit Transfer through the enrolment process. For further details, please refer to RPL and Credit Transfer Policy and Procedure.

Fee information

Please contact Melbourne College of Business and Technology at +61 3 9018 5699 for further details and ongoing specials (if applicable) on pricing. Please refer to Fee and Refund Policy for further details on fees and refunds arrangements

Employment pathways

This qualification provides the skills and knowledge to potentially gain employment as a:

- Telecommunications Specialist
- Telecommunications Network Manager
- Senior Project Manager
- IP-based Optical Network Designer
- Network Security Manager

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

After completing this course students may undertake a range of related higher level qualifications.

For instance, after achieving ICT60220 Advanced 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)

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. 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.

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

Further Information

Contact the Administration Manager at admissions@mcbt.vic.edu.au or +61 3 9018 5699 or refer to www.mcbt.vic.edu.au for further information.