


| Qualification/ Course | ICT60220 - Advanced Diploma of Information Technology (Telecommunications Network Engineering) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Purpose | <p>This qualification reflects the role of a technical specialist with high level skills and knowledge in telecommunications and information technology networks using internet protocol (IP) systems who can:</p> <ul style="list-style-type: none"> • Design and manage IP based network telecommunications equipment. • Forecast network growth for enterprise network planning. • Implement convergence technologies in enterprise telecommunications networks. • Design and manage optical and wireless network telecommunications architectures for high-speed broadband capability | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course Provider | RTO No: 41136 CRICOS No: 03416G International College of Melbourne Pty Ltd (ICM) Address: Level 11, 55 Swanston Street Melbourne Victoria 3000. Ph + 61 3 9662 3344 Email: admissions@icm.edu.au | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivery Mode | Face to face + Independent research | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intake Dates: | January, March, June, September | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivery Site/Location | Level 11, 55 Swanston Street Melbourne Victoria 3000. Ph + 61 3 9662 3344 Email: admissions@icm.edu.au | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Course Duration | <p>Total volume of learning for this qualification is 1968 hours of classroom training which includes all learning activities, Practical demonstration activities and observations from assessor and Written assessments. Student may spend additional time for their own knowledge and benefit. CRICOS duration is: 98 weeks (which constitutes 82 teaching weeks (1968 hours) + 16 weeks of break period) Each teaching week= 20 hours</p> <p>The total volume of learning is broken up into:</p> <ul style="list-style-type: none"> ✓ 1312 hours of face-to-face training conducted in the classroom. ✓ 328 hours of face-to-face assessment conducted in the classroom. ✓ (164+164) 328 hours of Independent Study/ Research | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Outcomes and Education Pathways | <p>Once students have successfully completed this course then they can apply for jobs within the telecommunications industry which can include Optical Network Manager, Senior Specialist Technician (Telecommunications), Telecommunications Technical Officer, Senior Technical Officer (Telecommunications Engineering), Telecommunications Engineer, IP Convergence Integrator, Senior Technical Officer (Electronic Technology). The further study pathways available to students who undertake this qualification include:</p> <p>Graduate Certificate in Telecommunications Network Engineering or Graduate Certificate in Telecommunications</p> <p>Or any other Degree programs in related fields such as telecommunications, optical fiber, networking, etc</p> <p>Any alternative unit selection will need to be approved by the CEO and will be suitably documented with alternative Training and Assessment Strategy depicting the alternative units. The outcome for this qualification is either the ICT60220 - Advanced Diploma of Information Technology (Telecommunications Network Engineering) or, should the participant depart the course before it has been completed, a Statement of Attainment for the units in which competency has been demonstrated.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Units of Competency | This course requires the completion of the following 16 units (including 6 core and 10 electives). <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #0070C0; color: white;">Code</th> <th style="background-color: #0070C0; color: white;">Title</th> <th style="background-color: #0070C0; color: white;">Core</th> <th style="background-color: #0070C0; color: white;">Elec</th> </tr> </thead> <tbody> <tr> <td>BSBCRT611</td> <td>Apply critical thinking for complex problem solving</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>BSBTWK502</td> <td>Manage team effectiveness</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>BSBXCS402</td> <td>Promote workplace cyber security awareness and best practices</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>ICTICT608</td> <td>Interact with clients on a business level</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>ICTICT618</td> <td>Manage IP, ethics, and privacy in ICT environments</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table> | | | | Code | Title | Core | Elec | BSBCRT611 | Apply critical thinking for complex problem solving | <input checked="" type="checkbox"/> | <input type="checkbox"/> | BSBTWK502 | Manage team effectiveness | <input checked="" type="checkbox"/> | <input type="checkbox"/> | BSBXCS402 | Promote workplace cyber security awareness and best practices | <input checked="" type="checkbox"/> | <input type="checkbox"/> | ICTICT608 | Interact with clients on a business level | <input checked="" type="checkbox"/> | <input type="checkbox"/> | ICTICT618 | Manage IP, ethics, and privacy in ICT environments | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| | ICTSAD609 | Plan and monitor business analysis activities in an ICT environment | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | ICTNPL413 | Evaluate networking regulations and legislation for the telecommunications industry | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | ICTNWK612 | Plan and manage troubleshooting advanced integrated IP networks | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | ICTPMG613 | Manage ICT project planning | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | ICTTEN615 | Manage network traffic | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | ICTTEN622 | Produce ICT network architecture designs | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | BSBLDR523 | Lead and manage effective workplace relationships | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | BSBPMG530 | Manage project scope | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | BSBPMG430 | Undertake project work | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | ICTICT818 | Develop knowledge management strategies | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | ICTICT819 | Lead analysis of information and communications technology business strategy | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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| Admission requirements | <p><u>Pre-Enrolment Interview:</u> Selection for enrolment in our courses will be approved for applicants who meet the qualification selection criteria during the pre-training assessment interview prior the confirmation of enrolment at RTO. A satisfactory outcome of interview with authorised RTO Staff or representative. To ensure applicants are placed in a suitable course this training and assessment strategy, we review applicants existing knowledge, skills, experience, and qualifications. Students will be asked to complete this Pre-Enrolment Interview form during the enrolment process by providing details of your existing knowledge, skills, experience, and qualifications that are relevant to the course being applied for. International College of Melbourne will then review this information and respond to the student with the outcome of the review whether to proceed and ask for other admission requirements.</p> <p><u>Age Requirements:</u> All students must be aged 18 years or over at the time of applying for admission to the Institute.</p> <p><u>Attendance Requirement:</u> ICM recommends regular attendance of 20 hours per week (for the course duration) as the international student requirement from student visa conditions.</p> <p><u>Academic Requirements:</u> Satisfactory completion of studies in applicant's home country equivalent to an Australian Year 12 qualification is required for entry into this course.</p> <p><u>English Language/Literacy/Numeracy requirements:</u> We accept the admission to the students if they qualify in ANYONE (1) of the following:</p> <ul style="list-style-type: none">❑ IELTS overall band of 5.5❑ TOEFL iBT test score band of 46 equivalent or above; Refer: http://www.ets.org/toefl/ibt/about❑ PTE Academic band score 42 equivalent or above; Refer: https://pearsonpte.com/the-test❑ Cambridge English Advanced (CAE) test score band of 47 equivalent or above; Refer: http://www.cambridgeenglish.org/exams-and-tests/advanced/❑ OET score band "C" Pass equivalent or above; Refer: https://www.occupationalenglishtest.org/test-information/results-assessment/❑ Completion of a full-time studies in Australia towards a Certificate IV or above❑ Satisfactory completion of the ESL course / English language course or satisfactory completion of 10-20 weeks ELICOS from a National ELT Accreditation Scheme (NEAS) Accredited English Institution with an IELTS score of 5.0.❑ OR Any other form which satisfies the Institution during their pre-enrolment interview <p>Identify the Language Literacy and Numeracy (LLN) needs of the students:</p> <p>LLN test is available at https://icm.quiz.lln.training/?quizId=acsf4. ICM Training and Assessment is committed to supporting all our students in successfully completing their selected course of study. National research consistently indicates that many students will require some level of LLN support. As such, we recognise that we have a responsibility to understand each student's unique LLN needs. Our desire is to identify any LLN needs that students may have as a student and to assist them in reducing the impact this may have on their studies with ICM. Therefore, student is compulsory undertake LLN Test, which is to ensure that we confirm the learning needs of our participants prior to commencement of the training.</p> |
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| | <p><u>A Unique Student Identifier (USI):</u> In addition, students, will need to provide RTO with their Unique Student Identifier number. A Unique Student Identifier (USI) is a reference number made up of numbers and letters, unique to each student. This USI allows them to link their previous and future VET qualifications into a single authenticated transcript, through the National Vocational Education and Training Data Collection, and prevents them from losing their record. This lets them see all their training results, from all their previous providers. A USI Number will stay with the student for life and must be recorded with any nationally recognised VET course they undertake.</p> <p><u>Computer literacy requirements:</u> All students enrolling into this program must know how to use the basic computer digital literacy skills in each of the following areas prior to graduation:</p> <ol style="list-style-type: none"> (1) MS Windows (2) MS Office (3) Internet /e-mail skills. (4) email account (5) Using webinar tools as a participant |
| Class time | Weekly class times |
| | 20 hours per week as scheduled in your timetable given to you during orientation time |
| Holiday Periods | There is no training and assessment scheduled during the holiday periods as per the timetable to be followed. |
| Additional Support | <p>All students whoever complete a language literacy and numeracy assessment upon enrolment will be provided with a range of learning support options and resources to help you achieve competency. Where additional support needs have been identified an <i>Individual Support Plan</i> will be developed which may include:</p> <ul style="list-style-type: none"> ● Mentoring from trainers ● Additional classes, tutorials, and workshops ● Computer and technology support ● Reasonable adjustment to assessments <p>Provision of additional support services will be provided where necessary to enable students to participate in the same way as any other person regardless of whether support services have been required.</p> |
| Assessment Arrangements | <p>Assessment will be conducted individually/in groups. You will be provided with a Student Assessment Guide for each unit of competency/cluster/topic which includes:</p> <ul style="list-style-type: none"> ● A full description of all assessment tasks for the unit of competency ● Assessment instructions for each unit of competency ● Assessment resources for each unit of competency ● Details about when assessment will occur. ● Details about assessment submission <p>There are a variety of assessment methods used for this qualification including:</p> |

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| | <ul style="list-style-type: none"> • Written questions • Projects • Case studies • Role Plays • Research • Reports <p>You will be required to complete assessments in class. You will be advised by your trainer and assessor about the assessment requirements for each unit at the commencement of delivery for that unit. Submission of assessment tasks will be in person to the trainer/assessor.</p> |
| <p>Course Credit</p> | <p>ICM can grant you credit towards your course for units of competency that you have already completed with another RTO or authorised issuing organisations. We can also grant you Credit for subjects or units you have completed where equivalence can be established between the unit in your course, and the subject or unit you have completed.</p> <p>There is no charge to apply for Credit. To apply, fill in the Credit Application Form and submit it as part of your enrolment. *Please refer to your Student Prospectus for more information on Course Credit. As an international student you should note that where you are granted credit this will reduce your course duration and you will be informed of this in writing.</p> |
| <p>Recognition of Prior Learning (RPL)</p> | <p>Recognition of Prior Learning (RPL) is a process where skills and knowledge that you have gained through work and life experience and other unrecognised training can be formally recognised.</p> <p>ICM has a process that has been structured to minimise the time and cost to applicants and provides a supportive approach to students wishing to take up this option. You should ideally apply for RPL at the time of enrolment, but you may also apply up to 2 weeks into your course. During the entry process and interview stage ICM will discuss with you the process and options for RPL. Suitability is often determined on how much experience you have in a certain area, your work history and previous training. If RPL is determined as a possibility for you, you will be provided with a kit that will guide you in working through each unit to determine relevant skills and experience and identify whether you would be able to provide the required evidence. A trainer/assessor will be available to assist you throughout this process. *Please refer to your Student Prospectus for more information on RPL. As an international student you should note that where you are granted RPL this will reduce your course duration and you will be informed of this in writing.</p> |
| <p>Costs</p> | <p>Total Tuition Fees: 30,000 Total Non-Tuition Fees: \$250 Material fees: \$450 <u>Payment Plan</u></p> <ul style="list-style-type: none"> • Non-refundable enrolment deposit (prior to commencement) - \$250 + \$450 • Fees payable in Monthly instalments <p>RPL Costs: Application for RPL includes a fee of \$200AUD per unit of competency. Nationally Recognized Training does not occur GST. Students will only be eligible to receive their qualification if fees have been paid in full and all course requirements have been met. Potential for fees to change over the duration of the course. *Please refer to your Student Prospectus for our Fees and Refunds Policy.</p> |

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| Inclusions | <p>Unless otherwise specified, tuition fees include all the training and assessment as well as required resources and textbooks for students to achieve the qualification or course in which they are enrolling.</p> <p>A note about computers: Many homework and assessment tasks require access to a computer and the internet and therefore it is recommended students bring or purchase a laptop if possible.</p> <p>If students don't have their own, they can use nearby public facilities that are listed for their convenience in the Student Prospectus. It is optional for students to bring a laptop to class – some students may choose to do so to keep their notes organised, but where a computer is required for class activities the trainer/assessor will arrange to book the college computers for class sessions.</p> |
| How to apply | <p>If you would like to enrol in this course, please follow the process from our website: https://icm.edu.au/how-to-apply/</p> |