

AUSTRALASIAN INTERNATIONAL ACADEMY

RTO Code 41144, CRICOS Code 03480K

ICT60615 ADVANCED DIPLOMA OF TELECOMMUNICATIONS NETWORK ENGINEERING

Course Brochure for International Students

ABOUT THE COURSE

This qualification reflects the role a 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.

This course is designed to train students with essential skills and knowledge required for planning, designing and managing Telecommunications and IP networks as specialist or as part of the team. Students should learn how to plan and implement complex IP Networks and technologies in enterprise, service provider, and telecommunications carrier environments.

COURSE DETAILS

Qualification code	ICT60615	
Qualification title	Advanced Diploma of Telecommunications Network Engineering	
CRICOS course code	104545B	
Training package	ICT - Information and Communications Technology	
Course duration	52-78 Weeks	
Classroom location:	City campus: Level 5, 545 Kent Street, Sydney, NSW 2000	
Qualification completion requirements	Four (4) core units and six (6) elective units are required for the award of the Advanced Diploma of Telecommunications Network Engineering.	
Entry requirements	AIA has the following entry requirements for the international students who would like to enrol into the ICT60615 Advanced Diploma of Telecommunications Network Engineering that they must: Be at least 18 years of age. Participate in a course entry interview to determine suitability for the course and student needs.	



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	Participate in an LLN (Language Literacy and Numerac)	v) accoccment* if	
	 Participate in an LLN (Language, Literacy and Numeracy) assessment*, applicable, to determine and demonstrate their readiness and learning capacity to undertake their desired course. 		
	Have an overall IELTS** score of 5.5 with no individual band score o less than 5.0 (test results must be not more than two (2) years old) English language competence can also be demonstrated through documented evidence of any of the following:		
	 the student was educated in an English-speakin least five (5) years; or 	, , ,	
	 the student has completed at least six (6) months of a minimum AQF level 4 course or higher in an Australian RTO within the I two (2) years; or 		
	 the student has successfully completed an English Placement Test at AIA. * For detail about LLN requirements and assessment process, please refer to the 'LLN (Language, Literacy and Numeracy) Requirements' section below. 		
	** Note that other English language tests such as PTE and TOEF In that case, students are required to provide their results confirmed they are equivalent to minimum IELTS score of 5.5 or h	so that it can be	
Delivery mode	This program is delivered in the classroom through face-to-face supervised training and assessment activities, supported by non-supervised study hours (homework).		
Units of competency	Units	Core/ Elective	
	ICTPMG610 Develop a project management plan	Core	
	ICTPMG611 Prepare a detailed design brief	Core	
	ICTSUS601 Integrate sustainability in ICT planning and design projects	Core	
	ICTTEN611 Produce an ICT network architecture design	Core	
	ICTSUS602 Establish a business case for sustainability and competitive advantage in ICT projects	Elective	
	ICTNWK517 Determine best-fit topology for a wide area network	Elective	
	ICTNWK518 design an enterprise wireless local area network	Elective	
	ICTOPN601 Manage optical ethernet transmission	Elective	
	BSBWHS504 - Manage WHS risks	Elective	
	BSBWHS501 Ensure a safe workplace	Elective	
Educational pathways and potential career	Students who complete this course may be able to seek employment in a range of information telecommunications technical specialist roles.		
outcomes	Students who complete this course may wish to continue their education into a range of higher education qualifications in information technology at universities and other tertiary education providers.		



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WHO IS RESPONSIBLE FOR YOUR TRAINING?

Australasian International Academy is responsible under the National Vocational Education and Training Regulator Act 2011 for the quality of the training and assessment being delivered in this course and for the issuance of all AQF (Australian Qualifications Framework) certificates.

WHY STUDY WITH AUSTRALASIAN INTERNATIONAL ACADEMY (AIA)?

At AIA, you receive an education that offers 'real world' experience backed by strong links with industry, so you graduate with the practical skills employers seek and the skills and confidence you need to reach your career goals. You will receive high quality education and support from our highly qualified and experienced trainers; they are industry professionals with many years of experience in their respective fields. AIA has developed the most relevant, innovative and effective ways for students to maximise their success for learning.

Set yourself in motion now! Enrol today!!

Accelerate your career when you enrol with Australasian International Academy. For course fees and other costs, please refer to the AIA prospectus in our website, call us or write to us.

Phone: +61 02 8077 3412 (international), 1300 242 669 (within Australia)

Email: enrolment@aiacademy.edu.au

Website: www.aiacademy.edu.au