



FROM POSSIBILITY TO ACTUALITY

Advanced Diploma of Network Security

National Course Code: ICT60215 CRICOS Course Code: 097972A

Duration: 52 Weeks



Course Description

This qualification provides the skills and knowledge for an individual to plan, design, manage and monitor an enterprise information and communications technology (ICT) network as an independent ICT specialist or as part of a team responsible for advanced ICT network security systems. The qualification has a high-level ICT technical base with appropriate security units and the ability to specialize in a number of areas, including voice, wireless, network infrastructure and sustainability.

Entry requirements

This course is available for those students who have completed year 12 or equivalent. All International Students must have IELTS 5.5 or equivalent.

Vocational outcomes

Upon successful completion of this Qualification with proper employability skills you should be able to work as:

- Network security administrator or coordinator
- Network security engineer
- Enterprise systems security administrator
- Systems security designer
- Network security analyst
- Administrator or coordinator network security.

Target Group

The target group for the ICT60215 Advanced Diploma of Network Security is local and international students wishing to develop their existing Information and Communication Technology skills and those who are already working in the industry and wish to obtain the qualification to broaden their knowledge, skills and career prospects. The course provides a solid overview of Information and Communication Technology industry with an operational knowledge in IT and related area. International students will come from a range of countries spanning Asia, Eastern Europe and Middle East. Many international students have industry experience and wish to receive an Australian qualification. Participants who do not have any industry experience will not be disadvantaged as delivery involves workplace simulations exercises and projects.

Delivery Modes

CIBT uses a blended learning methodology combining classroom-based learning with computer-mediated activities as studies show blended learning improves student's interaction and satisfaction as well as increase learning outcomes. Delivery involves 20 hours per week total tuition with 13.5 hours/week of classroom-based delivery on campus and for 6.5 hours/week students would be taking part in computer-mediated activities via online Learning Management System (MOODLE).

Course Completion

Students obtaining a 'Competent' result for all the units studied in this qualification will achieve Advanced Diploma of Network Security. A Statement of Attainment will be issued only for the units in which a student has been found 'Competent'.

Protection of fee paid in advance

Tuition fee paid in advance by student is protected under commonwealth's Tuition Protection Service (TPS). TPS is a placement and refund service for international students. The TPS is like an insurance cover for fees paid in advance. It is a single mechanism to place students when a provider fails to meet obligations or as a last resort to provide refunds of unexpended prepaid tuition fees.

Trainers and Assessors

All CIBT trainers/assessors are highly qualified and experienced. They have TAE40116 Certificate IV in Training and Assessment or its equivalent plus suitable industry experience along with the qualification to teach Advanced Diploma of Network Security.

Assessments

Each unit will be assessed in at least 2 different ways unless otherwise required by the unit of competency. The assessment will be conducted through take home research, assignments, projects, case studies, demonstrations and presentation.

Articulation & Pathways

Under mutual recognition the Advanced Diploma of Network Security qualification and Statement of Attainment awarded by CIBT will be recognised by other RTOs Australia wide. Upon successful completion of the Advanced Diploma of Network Security the students may be eligible for exemption in relevant courses. Graduate of this qualification can continue their studies to undergraduate courses.

RPL and Exemptions

RPL and credit transfer can be applied for at the time of enrolment or during the orientation. Students may be eligible to obtain credits for individual units as a result of experience gained in the relevant field or from previous training and education. A Fee is payable for assessing your RPL status. The information is available online in the student handbook or can be requested at the reception.

Training and Other Facilities

CIBT trains and assesses its students from its campuses in North Sydney, Sydney City and Canberra which are fully equipped with required facilities including modern computer labs with internet access, data projectors & resources borrowing facility, printing & photocopy facility and a student common area.

Course Structure

The 12 units of competency (5 Core and 7 Electives) are delivered throughout 52 weeks (36 weeks tuition and 16 weeks holiday). All units of competency must be completed to attain ICT60215 Advanced Diploma of Network Security

Unit Code	Unit Title	Core/Elective
ICTNWK502	Implement secure encryption technologies	Core
ICTNWK509	Design and implement a security perimeter for ICT networks	Core
ICTNWK601	Design and implement a security system	Core
ICTNWK602	Plan, configure and test advanced server based security	Core
ICTSUS601	Integrate sustainability in ICT planning and design projects	Elective
ICTNWK608	Configure network devices for a secure network infrastructure	Elective
ICTNWK609	Configure and manage intrusion prevention system on network sensors	Elective
ICTNWK613	Develop plans to manage structured troubleshooting process of enterprise networks	Elective
ICTNWK615	Design and configure desktop virtualisation	Elective
ICTTEN811	Evaluate and apply network security	Elective
ICTTEN611	Produce an ICT network architecture design	Elective
ICTSUS501	Implement server virtualisation for a sustainability ICT system	Elective

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