



ICT60215 Advanced Diploma of Network Security

National ID: ICT60215 | State ID: AVX6

About this course

Find a secure role in a growth industry with North Metropolitan TAFE's Advanced Diploma of Network Security

Network security jobs are already in high demand and this trend is expected to continue as more individuals, businesses and organisations have an online presence. With the increase in all forms of IT security attacks, network security is vital for individuals and industry alike.

You'll gain skills and knowledge in **Cloud**, **WAN Infrastructure** and **Perimeter-based Security**. You will also learn the fundamentals of **Python** and assist in a real-world scenario Network Security Project. Studying at North Metropolitan TAFE you'll be able to make the most of our existing status with the **Microsoft Imagine Academy** and the **Cisco Network Academy** to provide vendor-based resources and learning in relation to Network Security. The highly sought after CCNA Security vendor course is embedded in this qualification and you will get a **CCNAS** course completion certificate on successful completion of the course.

This priority course will increase your expertise in the highly technical area of network security. We strongly recommend that you have completed a Diploma in Network Administration or an equivalent course, or have experience as an IT professional, working in the industry before entering this course.

New students who have not studied the course that precedes this qualification should contact the area to ensure they apply for the correct level of study.



This course is part of the **Lower fees, local skills** initiative where you'll only pay half the course fees from **January until December 2021** capped at \$1,200; or \$400 if you're aged 15–24 or eligible for a concession. [Find out more](#)

**LOWER FEES
LOCAL SKILLS**

Only course fees are half price. You may be required to pay other fees that apply to your course.

Details

During your course of study, NMTAFE may use a variety of learning practices to ensure you get the best outcome for your learning journey.

This may include online learning, face-to-face classroom, laboratory/workshop delivery, work placement or a combination of these, depending on which is most appropriate.

Semester 1, 2021

Joondalup (Kendrew Crescent) - On Campus



Duration: **1 Semester/s**



When: **Semester 1, 2021**



How: **On campus**

Units

Core

National ID	Unit Title
ICTNWK502	Implement secure encryption technologies
ICTNWK509	Design and implement a security perimeter for ICT networks
ICTNWK601	Design and implement a security system
ICTNWK602	Plan, configure and test advanced server-based security
ICTSUS601	Integrate sustainability in ICT planning and design projects

Elective

National ID	Unit Title
ICTICT609	Lead the evaluation and implementation of current industry specific technologies
ICTNWK608	Configure network devices for a secure network infrastructure
ICTNWK615	Design and configure desktop virtualisation

National ID	Unit Title
ICTNWK616	Manage security, privacy and compliance of cloud service deployment
ICTPRG520	Validate an application design against specifications
ICTPRG523	Apply advanced programming skills in another language
ICTSUS602	Establish a business case for sustainability and competitive advantage in ICT projects

Entrance requirements

School Leaver	Non-School Leaver	AQF
Completion of WACE General or ATAR (Minimum C Grades) or equivalent	Completion of WACE General or ATAR or equivalent (minimum C Grades)	Certificate III

Job opportunities



[Network Administrator](#)

Job titles may include:

- Cloud Engineer
- Information Security Officer
- IT Security Consultant
- Systems Engineer
- Solutions Architect
- Integration Analyst
- Independent ICT specialist (internetworking, security, and e-business integration)

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

Fees and charges

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

Tuition fees are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

Resource fees are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

Please note, fees are subject to change.