GOVERNMENT OF
WESTERN AUSTRALIA

TAFE WA | North Metropolitan

■ Runner-up 2019 WA Cyber Security Awards
■ Finalist 2020 AISA Cyber Security Best STEM Promoter of the Year and Cyber Security Educator of the Year

Meeting a growing global demand for cyber security professionals

It is estimated that by 2026 Australia will require approx 18,000 additional cyber security professionals to ensure Australia's digital security.

As the first TAFE in WA to open a Cyber Security Training Centre, North Metropolitan TAFE (NMTAFE) is skilling Western Australians to take on jobs in the growing cyber security industry.

We collaborate with ECU, AustCyber, City of Joondalup and WA Police – all located in the Joondalup Innovation Hub which is set to become one of the world's leading centres in the fight against cyber crime.

Our courses

Our cyber security courses focus on the practical and theoretical dimensions of IT security across a range of fundamental areas, such as network security and vulnerability assessment, information security, digital forensics, wireless device security and managing a SOC.

- ICT30115 Certificate III in Information, Digital Media & Technology (Cyber Security)
- 22334VIC Certificate IV in Cyber Security
- ICT60215 Advanced Diploma of Network Security
- 22445VIC Advanced Diploma of Cyber Security

NMTAFE's authorised status with these academies means that our students benefit from extra technical skills and certifications to improve their employment prospects.

Our expertise

Collectively, our cyber security training team has over 100 years' teaching experience in IT related fields from Certificate II to postgraduate level; 40 years in the network and security-related industries; 30 years in software and web development; and 25 years in IT management. Our lecturers keep up-to-date with industry relevant qualifications and professional development including being vendor certified with a range of local and international providers. Our lecturers act as mentors for students competing in a range of local, national and international Cyber Security competitions. Our partnerships allow us to implement live-work projects that enhance student workplace/internship/employment opportunities.

Our facilities

Joondalup (Kendrew) campus | Cyber Security Training Centre

Our state-of-the-art Cyber Security Training Centre includes a hackers den, defence hub and an operational Training Security Operations Centre. Students learn how to: implement appropriate software; use a range of tools and procedures to mitigate cyber security threats; protect an organisation from insider security breaches; and develop systems to minimise network vulnerabilities and risks.

What our clients say

"I am delighted to partner with leading edge training organisations such as North Metro TAFE as they work to build a strong pipeline of locally skilled cyber security professionals. They demonstrate a clear commitment of support to the development of a vibrant and globally competitive WA cyber sector." **(Dr Ian Martinus, WA AustCyber Node)**

Job role	NMTAFE programs - visit **northmetrotafe.wa.edu.au/courses** for more details

Cyber Security

- Computer Technical Support Security
- Security Customer Support
- Information Security
- Audit Collection Officer
- Incident Response Team Member
- Security Systems Help Desk Support
- Website Security Officer
- Network Security Officer
- Penetration Tester
- Network Operations Centre Team Member
- Cyber Security Operations Centre Officer

22334VIC Certificate IV in Cyber Security - is a **technician level qualification** that will provide graduates with the knowledge and a comprehensive set of technical skills.

Upon completion of the Certificate IV in Cyber Security, graduates can study the 22445VIC Advanced Diploma of Cyber Security and gain 18-months credit towards ECU's Bachelor of Science (Cyber Security).

Further career pathways

Cyber Security Analyst | Cyber Security Technologist | Business And Systems Analyst | Network And Security Engineer | Security Consultant |
ICT Security Specialist | Information Security | Security Consultant

ICT-Networking

- ICT Support Technicians
- Hardware Technician
- ICT Customer Support or ICT Help Desk Officer
- Web Administrator or Web Master
- Other ICT Support Technicians

ICT40415 Certificate IV in IT Networking

ICT50415 Diploma of Information Technology Networking

ICT60215 Advanced Diploma of Network Security - *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* <u>*before*</u> *entering this course.*

Successful completion of ICT60215 Advanced Diploma of Network Security may give you entry and/or credit towards ECU's Bachelor of Science (Cyber Security) degree course.

Further career pathways

Network Engineer | Integration Analyst | Systems Engineer | Solutions Architect

Programming

- Assistant Programmer
- Support Programmer
- System Analysts
- ICT Support Technician

ICT40515 Certificate IV in Programming

ICT50715 Diploma of Software Development

Website Development

- Website Designer
- Website Consultant

ICT40315 Certificate IV in Web-Based Technologies

ICT50615 Diploma of Website Development

Further career pathways

Website Developer | Website Designer | Website Programmer | Senior ICT professional

We look forward to partnering with industry to deliver innovative, cost-effective training solutions for your business.