GOVERNMENT OF WESTERN AUSTRALIA

TAFE WA North Metropolitan

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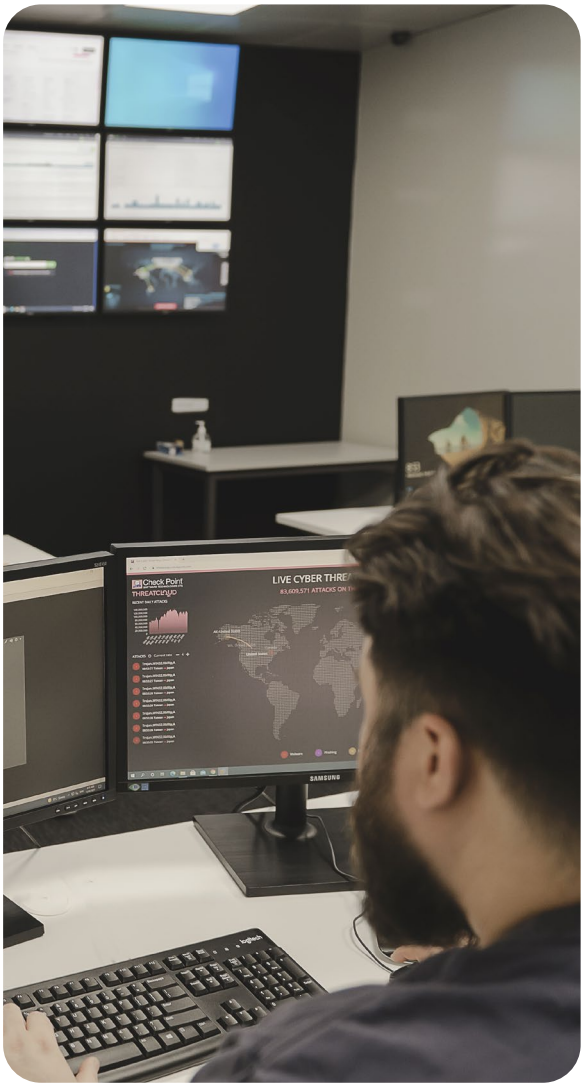


CYBER SECURITY

Training Capability

A

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.

Through direct collaboration with industries, we are skilling the workforce needed to fortify and protect the digital assets and data critical to the success of businesses.

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, CyberWest, 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.

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

B

A **North Metropolitan TAFE, AISA 2023 Cyber Security Awards**
Winner - Educator of the Year

B **North Metropolitan TAFE, AISA 2022 Cyber Security Awards**

- Tertiary Student of the Year - *Odaya Amsellem* (pictured center), runner up - *Kai Baharthah-King* (pictured second from the left)
- Best STEM (Science, Technology, Engineering and Mathematics) Promoter of the Year.

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. We offer flexibility in our course delivery options, offering night-class, online and condensed skillsets to cater to those looking to transition into the industry while maintaining existing work commitments. Recently launched in Canberra, the new Essential Eight Assessment Course has been designed and developed by the Australian Signals Directorate (ADS)'s Australian Cyber Security Centre (ACSC) in partnership with TAFE cyber, a national consortium of ten TAFE colleges focused on skilling the fast-growing cyber security workforce through education and training.

- ICT30120 Certificate III in Information Technology (Cyber Security)
- 22603VIC Certificate IV in Cyber Security
- ICT50220 Diploma of Information Technology (Advanced Networking)
- ICT60220 Advanced Diploma of Information Technology (Cyber Security)
- Essential Eight Training Program
- Introduction to Cyber security Skill Set
- Transition to Cyber Security Skill Set
- Python Application Scripting Skill Set

Our expertise

Our training team is composed of distinguished professionals with a rich academic and vocational history in Network Administration, Cyber Security and 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.

East Perth campus

Our Certificate III and IV in Cyber Security qualifications are delivered by our expert lecturers at this very central location, which is within meters of the McIver train station.

What our clients say

CYBER WEST HUB

"We are always delighted to partner with North Metropolitan TAFE.

The caliber of their students is very high and they demonstrate a clear commitment to addressing our skills shortage in cyber security by producing industry-ready graduates. North Metro TAFE regularly engages with industry professionals to ensure up-to-date curricula and excellent networking opportunities."

Cecily Rawlinson, Director, CyberWest Hub.

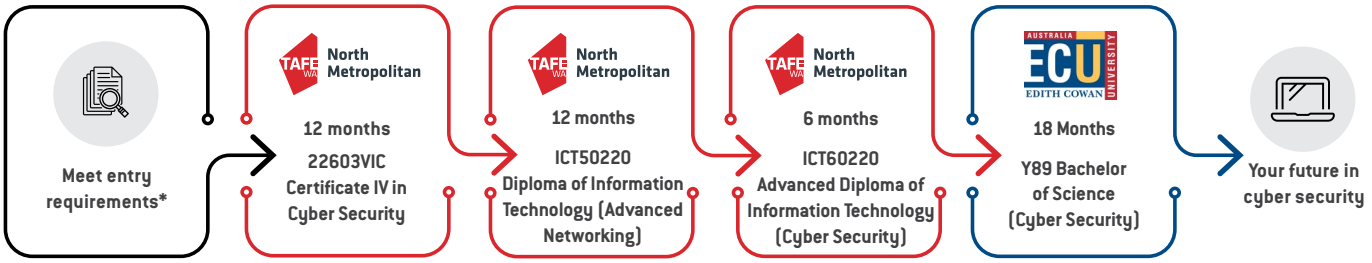
Cyber Security products

In addition to our foundational courses, students can bolster their qualifications with industry-specific programs, paving the way for a rewarding cyber security career.

Job role

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



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

ICT40120 Certificate IV in IT Networking
ICT50220 Diploma of Information Technology (Advanced Networking)
AE731 Cloud Architecture for Intermediate Roles Skill Set

Further career pathways

Network Engineer | Integration Analyst | Systems Engineer | Solutions Architect

Contact us

General enquiries/course information

1300 300 822 enquiry@nmtafe.wa.edu.au northmetrotafe.wa.edu.au

Postal address

North Metropolitan TAFE, Locked Bag 6 Northbridge, Western Australia 6865

Please note all course information is correct at time of printing and all course codes relate to Australian Qualifications. For the most up to date information on courses and study options, go to **northmetrotafe.wa.edu.au**

North Metropolitan TAFE recognises Australian Aboriginal and Torres Strait Islander Peoples unique cultural and spiritual relationships to the land, waters and seas and their rich contribution to society. We acknowledge the Noongar People, the traditional custodians of the lands on which our campuses are located and pay our respects to ancestors and Elders past and present.

* As part of our **Disability Access and Inclusion Plan** this document is available in alternative formats upon request, including electronic format (USB, CD, emailed) hardcopy (standard and large print) and audio format.