GOVERNMENT OF WESTERN AUSTRALIA

TAFE WA North Metropolitan

AUSTRALIA ECU EDITH COWAN UNIVERSITY

Your future in cyber security

As one of the world's fastest growing industries, demand is high for skilled cyber security professionals.
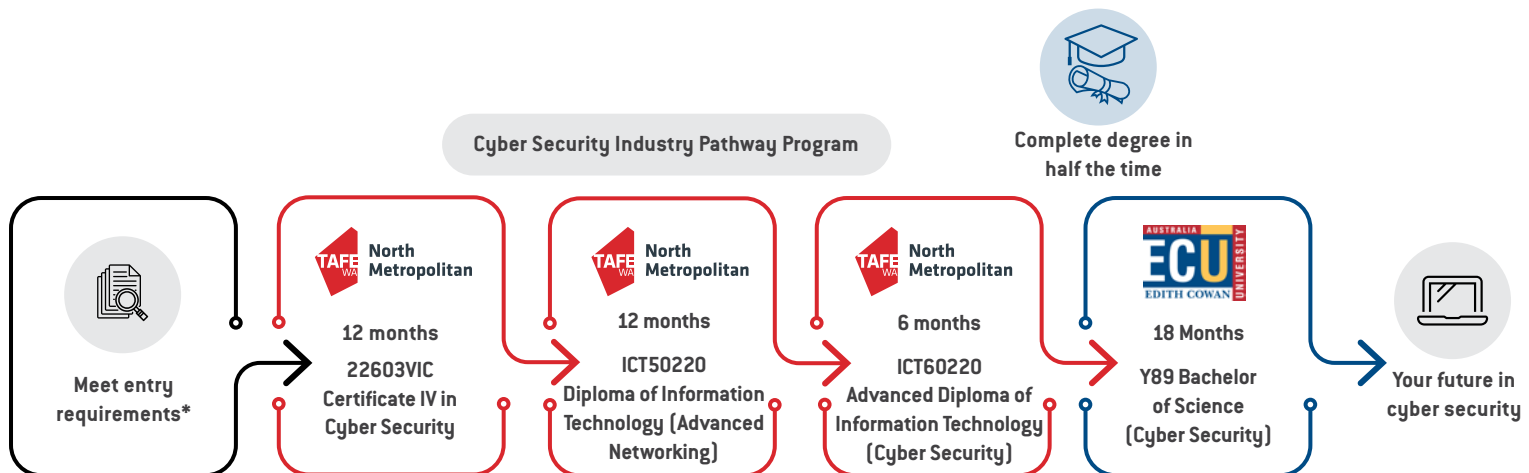
What is cyber security?

Cyber security is the protection of computer systems and networks. This includes protection from information disclosure, theft of or damage to hardware, software, or electronic data, as well as from the disruption or misdirection of the services they provide. Modern life is so dependent on technology that cyber criminals have targeted an increasing number of people with cyber scams, online frauds, and ransom demands. Attacks on businesses have risen too. Cyber criminals are now targeting the intellectual property of leading brands to steal information, leaving them exposed and open to cyber extortion.

Our program

North Metropolitan TAFE and Edith Cowan University (ECU) have partnered to provide a streamlined study experience together with the opportunity to get connected with industry and find paid employment whilst you study.

- Receive one and a half years off your Bachelor degree at ECU to reduce study time from three years full time to just 18-months with credit transfer
- Flexible study options to fit with work and study
- Assisting students to find placement with employers while they study
- Complete four qualifications in 4 years
- You can start in year 11 and 12 with a Certificate III in Information Technology

Cyber Security Industry Pathway Program

Complete degree in half the time

Meet entry requirements*

TAFE WA North Metropolitan
12 months
22603VIC Certificate IV in Cyber Security

TAFE WA North Metropolitan
12 months
ICT50220 Diploma of Information Technology (Advanced Networking)

TAFE WA North Metropolitan
6 months
ICT60220 Advanced Diploma of Information Technology (Cyber Security)

AUSTRALIA ECU EDITH COWAN UNIVERSITY
18 Months
Y89 Bachelor of Science (Cyber Security)

Your future in cyber security

*See back for 22603VIC Certificate IV in Cyber Security entrance requirements

🌐 northmetrotafe.wa.edu.au | 🌐 ecu.edu.au

Timetable

North Metropolitan TAFE	22603VIC Certificate IV in Cyber Security	2 semesters	East Perth or Joondalup campuses
North Metropolitan TAFE	ICT50220 Diploma of Information Technology (Advanced Networking)	2 semesters	East Perth or Joondalup campuses
North Metropolitan TAFE	ICT60220 Advanced Diploma of Information Technology (Cyber Security)	1 semesters	Joondalup campuses
Edith Cowan University	Y89 Bachelor of Science (Cyber Security)	3 semesters	ECU Joondalup

Gain these skills

- Ethics, IP and privacy in ICT environment's
- Develop ICT Client Solutions
- Install and implement virtual network in a cloud environment
- Learn switching and routing essentials
- Manage network security
- Develop implement and evaluate an incident response plan
- Protect critical infrastructure for organisations
- Review and update disaster recovery and contingency plans
- Plan, implement and test enterprise communication solutions
- Develop penetration testing

- Manage enterprise security
- Configure an internet gateway
- Develop, implement and evaluate an incident response plan
- Implement secure encryption technologies
- Interpret and utilise key security frameworks, policies and procedures for an organisation
- Protect critical infrastructure for an organisation
- Implement best practices for identity management
- Plan and implement a cyber-security project

Entrance requirements

School Leaver	Non-School Leaver	AQF
- C Grades in Year 11 WACE General English, and OLNA; or NAPLAN 9 Band 8	C Grades in Year 11 English and Maths or equivalent	Certificate II or Certificate III

Fees
Available on enquiry.

Job opportunities

- Network Programmer
- Cloud applications Developer (Back End)
- Computer Installation Technician
- Systems Administrator
- Software Applications Programmer
- Network Administrator
- Computer Technical Support Security

- Information Security
- Penetration Tester
- Network Audit Officer
- Security Systems Help Desk Support
- Website/Network Security Officer
- Network Operations Centre team Member
- Operate a Cyber Security Operations Centre

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