



22445VIC Advanced Diploma of Cyber Security

National ID: 22445VIC | State ID: BCZ09

About this course

Join the ranks of cyber professionals & get ready for a 'job of the future'

Malicious cyber activity is growing worldwide, driving a dramatic increase in demand for cyber security solutions. Over the next decade the Australian cyber security industry is forecast to almost triple in size. This growth translates into an additional 11,000 jobs.

Be the one of the first in WA to study a para professional qualification designed to deliver job-ready skills leading to specialisation as a cyber security expert. Graduates will have the knowledge and skills that will equip them to provide a comprehensive set of technical services beyond networking!

Gain these skills:

- perform security risk assessments for an organisation
- implement best practice for identity management
- evaluate an organisation's compliance with relevant cyber security standards, laws and codes of practice
- evaluate and implement security protection devices and software
- manage a cyber security environment
- assess and secure cloud services
- perform digital forensic investigations on workstations and mobile devices

Full-time attendance is equivalent to **three** days a week.

Is this course right for you?

To be successful in this course it is recommended that you complete the Certificate IV in Cyber Security (22334VIC) or possess the following skills before you commence; Able to; undertake basic to intermediate coding in Python, basic networking and penetration testing, perform basic security analysis, implement authentication and encryption. Be familiar with these technologies in; Kali Linux, Cisco IOS, Wireshark, Splunk, Firewalls, Active Directory. Still not sure if this course is right for you? Call us on 1800 001 001 to speak with a member of the Information Technology training area who will be able to advise you on the best study pathway to meet your career goals.

Want to study this course part time?

This course offers part time study options when remaining places are available following full time enrolments. To receive a text message the day before part time enrolment days on campus with a check on remaining places, visit our [Register to study part time](#) webform.

Specialist facilities at Murdoch campus

Our state-of-the-art **Training Cyber Security Operations Centre** (TCSOC) is now officially open. This new facility provides a secure training environment designed to simulate realistic cyber-attacks relating to attack, defence and monitoring. The TCSOC provides a multi-campus centre based in Murdoch with 'nodes' at Thornlie and Rockingham campuses in order for all IT students to experience this leading edge training.

The Murdoch campus is centrally located to the Murdoch health and knowledge precinct, making it the ideal location for cyber security training. South Metropolitan TAFE has networks with industry associations such as the Australian Computer Society, Australian Information Security Association and Health Informatics Society of Australia, ensuring our students have access to industry expertise and networking opportunities.

Specialist job outcomes for those in industry or with similar qualifications

This qualification is a progression pathway for students who have studied the Certificate IV in Cyber Security (22334VIC) or is an ideal advanced qualification for those who have had two year's cyber security industry experience. For those who have CISCO certification, or have studied at Diploma level in Networking, Computer Systems Engineering, or Electronics and Communications, or who have studied a Computer Science bachelor degree or higher qualification, the Advanced Diploma can broaden your skills and expertise for the growing job market in cyber security. Make a course enquiry at the end of this page to start a discussion with us as to how your work experience or past studies may assist your entrance into this cyber security qualification.

Overview

Semester 2, 2019

Murdoch - Full Time-Classroom



Duration: **2 Semesters**



When: **Semester 2, 2019**



How: **Full Time**

Units

Core

National ID	Unit Title
BSBWOR502	Lead and manage team effectiveness
ICTNWK525	Configure an enterprise virtual computing environment
VU22240	Communicate cyber security incidents within the organisation
VU22241	Interpret and utilise key security frameworks, policies and procedures for an organisation
VU22242	Assess and secure cloud services
VU22243	Develop software skills for the cyber security practitioner
VU22244	Implement best practices for identity management
VU22245	Plan and implement a cyber security project
VU22246	Evaluate an organisation's compliance with relevant cyber security standards and law

Elective

National ID	Unit Title
ICTNWK502	Implement secure encryption technologies
ICTNWK503	Install and maintain valid authentication processes
ICTNWK509	Design and implement a security perimeter for ICT networks
ICTPRG503	Debug and monitor applications
ICTSAS501	Develop, implement and evaluate an incident response plan
VU22250	Respond to cyber security incidents
VU22253	Undertake penetration testing of the security infrastructure for an organisation
VU22254	Undertake advanced penetration testing for web site vulnerabilities
VU22255	Evaluate threats and vulnerabilities of Internet of Things (IoT) devices
VU22256	Protect critical infrastructure for an organisation
VU22257	Configure security devices for an organisation

Entrance requirements


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Study pathway



[Certificate III in Information, Digital Media and Technology \(Cyber Security\)](#)

 [Certificate IV in Cyber Security](#)

 [Advanced Diploma of Cyber Security](#)

South Metropolitan TAFE has many further study opportunities available.

Plan your study pathway in information technologies

[Download the study pathway guide](#)

Job opportunities



[Cyber security practitioner | Cyber security consultant](#)

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

SM TAFE actively promotes the employment availability of course graduates to key industry partners and organisations. We also seek expressions of interest from organisations for the placement of our students into work experience. We endeavour to assist students into a career pathway, but please be aware that neither employment nor work experience placement is guaranteed by us.

Fees and charges

Indicative fees and charges

[2020 general admission fees list](#)

[2020 apprenticeship/traineeship fees list](#)

Fees and charges published on our website are indicative. Your fees will depend on your eligibility for government funding or a concession rate, and the units you choose to study or seek to be recognised under Recognition of Prior Learning (RPL). Our Indicative fees lists show fees that are:

- Based on the full possible study plan of units, including the recommended electives
- Based on full time study in 2019
- Charged at the government funded rate for over 18 years of age students

- Based on unit electives designed to meet localised industry demand for skills
- Made up of course fees and resource fees, or RPL fees. Course fees are the cost of your tuition, while resource fees pay for consumables provided to you to aid your study (such as printing and paper). You may also be required to purchase text books or equipment that are not part of our tuition or resource fees.

Fees may vary between students and between educational providers. Other charges may apply.

Visit our [Fees and payment options](#) page for more information.

Call 1800 001 001 to get a more accurate fee indication based on your eligibility and study plan before applying.

VET Student Loans

Selected courses are VET Student Loan eligible courses.

A VET Student Loan creates a debt that must be repaid to the Commonwealth and is only available to students who are eligible.

To find out if you are eligible or to see the list of eligible courses visit our [Student Loans](#) page.

International students

Selected courses are available to International students for full time study only.

Fees, charges, available locations, applications and enrolment procedures for International students are different to those for students who have Australian permanent residency.

For more information or to find a course visit the [TAFE International WA](#) website.

Apprenticeships and traineeships

Fees for apprenticeships and traineeships are charged at a rate per nominal hour of study.

This means that your fees will vary depending on the units you study as part of your training plan.

Apprentices and trainees are liable to pay for their own fees but some industrial agreements (awards) dictate that employers are required to reimburse their apprentice upon receipt of satisfactory progress. An employer may also opt to pay on behalf of the apprentice or trainee.

For more information visit our [Apprenticeships and traineeships](#) page.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) enrolments are charged at \$3.25 per nominal hour of study.

No concession fees apply to RPL enrolments. Refer to the institutional or apprenticeship/traineeship fee lists for an



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indicative RPL course fee.

Please note, fees are subject to change.



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