22603VIC Certificate IV in Cyber Security

DESCRIPTION

Certificate IV in Cyber Security is a technician-level course. It provides participants with the knowledge and a range of technical skills to enable them to seek employment as a cyber security technician in a range of organisations and government bodies.

The industry outcomes of the course are the ability to:

- respond to and monitor cyber security events in an organisation
- use a range of tools and procedures to mitigate cyber security threats
- protect an organisation from insider security breaches
- develop systems to minimise network vulnerabilities and risks

This course is being offered as part of the Cyber Territory Skills Hub initiative between Charles Darwin University, the NT, and Australian Governments to fund new training opportunities with a focus on people with diverse and non-IT backgrounds.

ELIGIBILITY/ENTRY REQUIREMENTS

If a student wishes to undertake the course and has limited to no experience in the ICT industry, it is highly recommended the student undertakes Short Course VTP534 Introduction to Cyber Security; this course will give students the foundation knowledge in networking and Python programming.

There are no compulsory entry requirements however, the preferred pathways for learners considering this qualification may include:

- Completion of VTP534 Introduction to Cyber Security,
- Completion of ICT30120 Certificate III in Information Technology, ICT40120 Certificate IV in IT or other relevant courses, or
- Demonstrated vocational experience in a range of work environments using information technologies.

A pre-enrolment interview will be conducted where the lecturer will determine whether the student has the required language, literacy and numeracy (LLN) and/or digital literacy skills to undertake the course and to determine any support requirements.

To ensure you have the right skills and support to succeed in your course, a Language, Literacy and Numeracy (LL&N) evaluation helps identify any areas where you may need additional support to help you achieve your goals.

DELIVERY DETAILS

Location(s)	Duration*	Study mode
Casuarina External	1 year full time 2 years part-time	Online

* Duration will vary depending on how long a student takes to reach the required competency level.

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FEES

Fee Type	2025 Course Fees
NT Government Supported*	$3,071.00
Full Fee	$10,424.80

*This course is supported by the NT Government for domestic eligible students who are NT residents. A limited number of NT Government supported places are available, so secure your place now.

Fees shown are indicative and subject to change annually. Actual course fees may vary depending on the units chosen. International non-student visa-holders; study eligibility needs to be verified before enrolment. Fees may vary depending on the visa type. The course fee rates will vary for commercial contract arrangements.

For further clarification and information on fees, fee exemptions, payment options, instalment plans, and refunds, contact CDU on 1800 061 963 or refer to TAFE Fees and Payments.

ASSESSMENT

Assessments vary with each unit. You will be provided with an assessment guide.

RECOGNITION OF PRIOR LEARNING (RPL)

RPL is a process that determines whether the skills, knowledge and experience you've gained through your previous study, work or life experience can count towards a vocational training qualification at CDU. For more information, refer to VET RPL.

RESOURCES

Students are issued with a study guide, all study materials and access to online resources.

The recommended technology requirements are so students can access the computer labs, hardware and software remotely and to study online, these includes:

- upspec'd computer with current operating system and dual monitor
- recommended i5 or i7 1.8GHz+ processor speed
- minimum 250GB SSD (Solid-state drive) storage device
- recommended 16GB RAM minimum
- broadband internet plan with reasonable speed and stability
- webcam, headset/speakers or microphone

STUDY AND CAREER PATHWAYS

Certificate IV in Cyber Security will help to develop the cyber-ready workforce and meet industry, armed forces, and government needs in response to strong demand for its critical services.

On successful completion, it will create a pathway and transition to a Diploma (Cyber Security Specialisation), Undergraduate Certificate in Cybersecurity, and Graduate Certificate in Cybersecurity.

Possible occupations relevant to this qualification include:

- Junior cyber security analyst
- Cyber security specialist
- Security vulnerability specialist
- Network security technician

QUALIFICATION CONTENT

To achieve a 22603VIC Certificate IV in Cyber Security, a total of sixteen (16) units of competency must be completed comprising eight (8) core and eight (8) elective units as detailed in the packaging rules and listed below. The electives offered may vary between campuses.

CORE UNITS

BSBWHS309	Contribute effectively to WHS communication and consultation processes
BSBINS401	Analyse and present research information
ICTICT443	Work collaboratively in the ICT industry
VU23213	Utilise basic network concepts and protocols required in cyber security
VU23215	Test concepts and procedures for cyber security
VU23217	Recognise the need for cyber security in an organisation
VU23220*	Develop and carry out a cyber security industry project
VU23223	Apply cyber security legislation, privacy and ethical practices

ELECTIVE UNITS

ICTNWK422	Install and manage servers
ICTPRG435	Write scripts for software applications
VU23214	Configure and secure networked end points
VU23218*	Implement network security infrastructure for an organisation
VU23221	Evaluate and test an incident response plan for an enterprise
VU23222	Expose website security vulnerabilities
VU23225	Investigate Windows security features
VU23226*	Test concepts and procedures for cyber exploitation

Prerequisite units
VU23220 has the prerequisites of VU23213 and VU23215
VU23218 has the prerequisite of VU23213
VU23226 has the prerequisite of VU23215

WITHDRAWING FROM A QUALIFICATION

You may withdraw from this qualification and receive, where relevant, a Statement of Attainment for all units of competency you have successfully completed.

SUPPORT SERVICES

The University supplies support for students in many areas, including Accommodation, Careers and Employability, Counselling, Disability Services, Student Advocacy, Indigenous Tutorial Support Services, International Student Support Services, Library Services, and VET Learner Support Services.

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More information is available at Student Support.

CONTACT DETAILS

ICT, Cyber Security and Digital

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W.   https://www.cdu.edu.au/study/essentials

For further information regarding student life at CDU, please refer to https://www.cdu.edu.au/study/student-life.