

ICT40120 Certificate IV in Information Technology



DESCRIPTION

This qualification reflects the role of individuals who are job ready and competent in a wide range of information and communications technology (ICT) roles and apply a broad range of skills in varied work contexts, using problem solving skills and effective communication with others.

The skills covered in this course may be suitable for following roles, but are not restricted to:

- database development
- database maintenance
- networking
- programming
- systems administration
- web development.

ELIGIBILITY/ENTRY REQUIREMENTS

Preferred pathways for candidates considering this qualification may include:

- Completion of ICT30120 Certificate III in Information Technology, or other relevant qualifications; or
- Demonstrated vocational experience in a range of IT work environments in a network support role, including administrator, manager, operations analyst, operations engineer/technician, or technician.

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

Study mode	Duration	Location (s)
Distance learning (blended online and face to face)	This program is delivered over a period of four (4) teaching periods/one (1) year on a full-time basis	Casuarina Alice Springs Katherine

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

2022 FEES

The 2022 indicative fee for this course is \$3,465.00 for eligible students and receive an NT Domestic Subsidised place or \$19,800 for Domestic Full fee places. Actual fees will vary according to your choice of units.

Please note: A limited number of NT Government subsidy places are available for eligible NT domestic students, so contact us now to secure your place for 2022.

Fees are subject to change annually. Indicative government-subsidised and full course fees are shown on this document. For further clarification and information on fees, payment options, instalment plans, and refunds, contact CDU on 1800 061 963 or refer to [VET 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, [VET RPL](#).

RESOURCES

Students studying on campus are provided with all resources required to complete the course.

Students studying under the distance learning mode may be required to purchase items to assist them in their studies such as webcam, headsets/speakers, or microphone. Computer and internet access is required to source information and complete assessments.

Hardware

- Desktop or laptop
 - Minimum specifications for the device
 - Operating System – One you are comfortable with. Commonly Windows 10 or 11 64-bit
 - Processor – 2GHz or faster (higher the better)
 - Memory/RAM – 8GB
 - Graphics Processor (GPU) – 4GB
 - Hard Disk/Storage – 256GB

Software

- Packet Tracer
- Atom text editor
- Pixlr (free version) or Adobe cloud (education version) pricing options via Adobe site.

STUDY AND CAREER PATHWAYS

Further training pathways from this qualification include but are not limited to the Diploma of Information Technology or Bachelor of Information Technology. On completion of this qualification credit(s) may be available into Higher Education courses.

Possible occupations relevant to this qualification include:

- ICT Support Technicians
- desktop deployment technician
- level 1 help desk support
- network support administrator
- network operations support
- network operations technician
- network technician.

QUALIFICATION CONTENT

To achieve ICT40120 Certificate IV in Information Technology a total of (20) units of competency must be completed comprising seven (7) core and thirteen (13) elective units as detailed in the packaging rules and listed below. The electives offered may vary between campuses.

CORE UNITS

BSBCRT404	Apply advanced critical thinking to work processes
BSBXCS404	Contribute to cyber security risk management
ICTICT426	Identify and evaluate emerging technologies and practices
ICTICT443	Work collaboratively in the ICT industry
ICTICT451	Comply with IP, ethics and privacy policies in ICT environments
ICTPRG302	Apply introductory programming techniques
ICTSAS432	Identify and resolve client ICT problems

ELECTIVE UNITS

ICTICT429	Determine and confirm client business requirements
ICTNWK311	Install and test network protocols
ICTNWK431	Create network documentation
ICTNWK542	Install, operate and troubleshoot medium enterprise routers
ICTPRG431	Apply query language in relational databases
ICTPRG440	Apply introductory programming skills in different languages
ICTNWK543	Install, operate and troubleshoot medium enterprise switches
ICTTEN417	Install, configure and test a router
ICTTEN434	Install, configure and test internet protocol networks
ICTWEB430	Produce server-side script for dynamic web pages
ICTWEB441	Produce basic client-side script
ICTWEB451	Apply structured query language in relational databases
ICTWEB452	Create a markup language document

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.

More information is available at [Student Support](#).

CONTACT DETAILS

- E. student.central@cdu.edu.au
- T. 1800 061 963 (free call)
- 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>.