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 required for these roles may include, but are not restricted to:

- database development: interpreting specifications, technical designs and flow charts, modifying software applications, constructing technical specifications from models and testing, and writing technical documents
- database maintenance: managing, cleaning, storing and verifying organisational data, and evaluating compliance with internal and external data ethics regulations and legislation
- gaming development: creating 2D and 3D modelling and animation software through scripts and storyboards
- networking: installing, configuring and testing networks and servers in organisations
- programming: building, testing and applying basic object-oriented language skills, user interfaces and software developments
- systems administration support: implementing maintenance procedures and support to help troubleshoot system applications
- web development: designing website layouts through textual and visual content transfer, search engine optimisation and simple markup language documents.

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.

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DELIVERY DETAILS

Location(s)	Duration*	Study mode
Alice Springs, Casuarina, Katherine	This program is delivered over a period of 12 to 24 months.	On campus, online (with some face-to-face workshops at Casuarina, Alice Springs, Katherine)

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

FEES

Fee Type	2024 Course Fees
NT Government Supported*	$3,959.00
Full Fee	$16,050.00

*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.

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, 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.

STUDY AND CAREER PATHWAYS

Further training pathways from this qualification include but are not limited to ICT50220 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 technician
- ICT Helpdesk support
- Network operation support
- Network technician

- Desktop deployment technician
- Front end or back-end web development
- Database administration

QUALIFICATION CONTENT

To achieve a ICT40120 Certificate IV in Information Technology a total of twenty (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 (unnamed)
ICTNWK543	Install, operate and troubleshoot medium enterprise switches (unnamed)
ICTPRG431	Apply query language in relational databases
ICTPRG440	Apply introductory programming skills in different languages
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
ICTWEB431	Create and style simple markup language documents

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.

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CONTACT DETAILS

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T.   08 8946 8877
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.

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