

A person is sitting in a modern office environment, viewed from behind. They are seated in a white ergonomic office chair at a white desk. In front of them are four large computer monitors displaying various data visualizations, including line graphs and bar charts. The office has a clean, minimalist design with white walls and curved desk elements. The overall lighting is bright and even.

ICT50220 Diploma of Information Technology

Launch your career in the dynamic world of information and communications technology with our comprehensive online diploma programme. Designed for aspiring ICT professionals and career changers across Australia, this qualification provides specialised technical skills and industry-recognised credentials to propel you forward in today's digital economy.

Your Pathway to ICT Excellence



The ICT50220 Diploma of Information Technology is tailored for individuals seeking to establish or advance their careers in diverse ICT roles. This qualification reflects the skills and knowledge required by professionals who possess specialised technical expertise within specific ICT functions, from cyber security and cloud architecture to web development and systems administration.

Our programme recognises that today's ICT professionals work across a broad spectrum of industries and business functions. Whether you aspire to work independently, as part of a collaborative team, or in leadership positions responsible for delivering key outcomes, this diploma provides the foundation you need. Students develop the capability to perform moderately complex tasks whilst building expertise that employers actively seek in the Australian job market.

Course Duration: 52 weeks of comprehensive online learning

Mode of Delivery: Entirely online, offering flexibility for working professionals and those with existing commitments

Comprehensive Skill Development Across ICT Disciplines

This diploma encompasses a diverse range of specialist skill areas that reflect current industry demands and emerging technology trends. Students gain practical competencies that can be immediately applied in professional settings, ensuring graduates are workplace-ready from day one.



Networking & Infrastructure

Master advanced networking concepts, telecommunications network engineering, and infrastructure design. Learn to architect robust network solutions that support organisational objectives whilst ensuring security and scalability.



Cyber Security

Develop critical skills in threat analysis, security architecture, and incident response planning. Understand how to protect critical infrastructure and promote cyber security awareness across organisations.



Development & Programming

Build expertise in programming, web development, and game design. Create sophisticated applications and digital solutions that meet complex business requirements with elegance and efficiency.



Cloud & Systems

Explore cloud architecture and engineering, systems administration, and database management. Learn to design and maintain scalable technology solutions that drive business innovation.



Business Analysis

Acquire skills in systems analysis, technical requirements development, and ICT feasibility assessment. Bridge the gap between business needs and technical implementation effectively.



Project Management

Develop competencies in ICT project management, quality assurance, and risk management. Lead technology initiatives from conception through to successful delivery.

Career Opportunities & Outcomes

Graduates of the ICT50220 Diploma emerge with industry-relevant skills that open doors to a diverse array of career pathways. The qualification is designed to prepare you for roles that command competitive salaries and offer substantial opportunities for professional growth across Australia's thriving technology sector.



ICT Support Technician

Provide essential technical assistance and troubleshooting services to users and organisations



Network Administrator

Manage and maintain network infrastructure, ensuring optimal performance and security



ICT Systems Administrator

Oversee system operations, implement updates, and maintain critical IT infrastructure



Database Support Technician

Maintain database systems, ensure data integrity, and support information management



Web Developer

Design and build dynamic websites and web applications using modern technologies



IT Officer

Provide comprehensive ICT support across various organisational functions and departments

Beyond traditional employment, graduates may also pursue opportunities as self-employed contractors or consultants, offering specialised ICT services to multiple clients. The versatility of this qualification means your skills will be valued across industries including healthcare, finance, education, government, retail, and professional services.

Entry Requirements: Is This Course Right for You?

Academic Requirements

We welcome applications from candidates who meet any of the following academic criteria:

- Successful completion of Certificate IV in Information Technology or equivalent work experience

All prospective students participate in a course entry interview to ensure the programme aligns with individual goals and needs.

Technical Requirements

- Access to a computer or smart device with reliable internet connectivity
- Basic proficiency in email, word processing, and learning management systems
- Familiarity with common ICT tools or platforms is advantageous but not mandatory



Language, Literacy, Numeracy & Digital Skills

All prospective students must undertake an LLND assessment prior to enrolment. Learners must demonstrate:

- Reading and writing skills at Australian Core Skills Framework (ACSF) Level 4
- Numeracy skills at ACSF Level 3 or above
- Basic digital literacy, including navigating online platforms and completing electronic assessments

Additional Requirements

- Must be 18 years of age or older at enrolment
- Commitment to online delivery and independent study outside class hours

Course Structure & Unit Breakdown

To be awarded the ICT50220 Diploma of Information Technology, students must successfully demonstrate competency in **20 units**, comprising **6 core units** and **14 elective units**. This structure ensures comprehensive coverage of essential ICT knowledge whilst allowing specialisation in areas that align with your career aspirations.

	<div><div>Core Foundation Units (6 Required)</div><div>Essential competencies that every ICT professional must master, covering concept development, team leadership, strategic ICT alignment, intellectual property, client management, and cyber security awareness.</div><div><ul style="list-style-type: none">BSBCRT512 - Originate and develop conceptsBSBXTW401 - Lead and facilitate a teamICTICT517 - Match ICT needs with strategic directionICTICT532 - Apply IP, ethics and privacy in ICT environmentsICTSAS527 - Manage client problemsBSBXCS402 - Promote workplace cyber security awareness</div></div>
	<div><div>Specialisation Electives (14 Selected)</div><div>Choose from a diverse range of specialist units across cyber security, systems analysis, network design, project management, and database administration to build expertise in your chosen field.</div></div>

01

Cyber Security Specialisation

ICTCYS407, ICTCYS610, ICTSAS524, ICTSAS526, ICTCYS613

02

Systems Analysis & Development

ICTSAD507, ICTSAD508, ICTSAD509, ICTICT519

03

Network & Infrastructure

ICTTEN519, ICTDBS505

04

Project Management

BSBPMG532, BSBPMG536, ICTPMG505

Assessment Approach & Learning Experience

Our comprehensive assessment strategy ensures you develop practical, job-ready skills that employers value. At the commencement of each unit, students receive detailed assessment resources alongside corresponding learning materials, providing clear expectations and guidance throughout your learning journey.

Assessments are designed to mirror real-world ICT workplace scenarios, ensuring the skills you develop are immediately applicable in professional settings. This practical focus means graduates transition seamlessly into their chosen careers with confidence and competence.

Assessment Methods Include:

- Short written knowledge tests to confirm understanding of key concepts
- In-depth case studies analysing real ICT challenges and solutions
- Hands-on projects demonstrating applied technical skills
- Research activities exploring emerging technologies and trends
- Technical reports documenting professional ICT processes
- Portfolio compilation showcasing competency across multiple areas
- Simulations replicating authentic ICT workplace environments
- Practical demonstrations of technical proficiency
- Professional presentations and collaborative discussions

All practical assessments are conducted within simulated ICT workplace environments that replicate authentic industry conditions. This approach ensures you're not just learning theory, but developing the practical problem-solving abilities and technical expertise that distinguish successful ICT professionals in today's competitive job market.



Study Commitment

To achieve optimal outcomes, students should dedicate additional time outside scheduled sessions to complete practical and written assessment tasks. This independent study time is essential for consolidating learning and preparing high-quality submissions that reflect professional standards.

Recognition & Credit Transfer Options



Recognition of Prior Learning (RPL)

If you possess relevant workplace experience, informal training, formal qualifications, or other life experiences, you may be eligible for RPL. This pathway recognises the skills and knowledge you've already acquired, potentially reducing your study time and accelerating your qualification completion.

RPL applications are carefully assessed against unit of competency requirements. Candidates must provide sufficient evidence demonstrating their existing capabilities. We work collaboratively with you to develop a personalised RPL assessment plan that fairly evaluates your prior learning and experience.



Credit Transfer

Have you previously completed identical units of competency as part of another nationally recognised qualification or Statement of Attainment? You're entitled to credit transfer, which acknowledges your existing achievements and prevents unnecessary duplication of learning.

To apply for credit transfer, simply provide certified copies of transcripts or statements of attainment issued by a Registered Training Organisation (RTO). This streamlined process ensures your prior achievements are recognised and valued, making your pathway to qualification more efficient.

Ready to Begin Your ICT Journey?

The ICT50220 Diploma of Information Technology offers a flexible, comprehensive pathway to a rewarding career in Australia's dynamic technology sector. With no licensing, legislative, or certification requirements beyond successful completion, this qualification provides immediate recognition and value in the job market.

Our online delivery model means you can study from anywhere across Australia, balancing your education with existing work and personal commitments. Join thousands of successful ICT professionals who have transformed their careers through quality vocational education.