



Canberra Institute of Education and Technology



COURSE BROCHURE

Diploma of Information Technology

This brochure provides all the information you need to know about enrolling in the ICT50220 Diploma of Information Technology.

Provider Name	Radix Education t/a Canberra Institute of Education and Technology
RTO Code	45592
CRICOS Code	03835K
CRICOS Course Code	TBA
Location of course	Classroom: 15 Barry Drive, Turner, ACT 2612
Delivery mode	This program is delivered in the classroom and through structured self-study, which includes a simulated workplace environment.
Duration	78 weeks, including 60 study weeks and 18 weeks of holidays.
Study load	14 hours of classroom training per week and structured self-study of 6 hours per week.

➔ OVERVIEW OF COURSE



This qualification reflects the role of individuals in a variety of information and communications technology (ICT) roles who have established specialised skills in a technical ICT function. Individuals in these roles carry out moderately complex tasks in a specialist field, working independently, as part of a team or leading a deliverable with others. They may apply their skills across a wide range of industries, business functions and departments, or as a business owner (sole trader/contractor).

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

- Advanced networking: configuring and managing virtual computing environments, and security within ICT networks
- Advanced programming: applying intermediate and advanced programming skills, managing data and building advanced user interfaces to manage organisational requirements

- Back end web development: developing and maintaining website information architecture and data
- Business analysis: designing and implementing technical requirements, quality assurance processes and contingency plans for businesses
- Cloud architecture: developing, improving and designing cloud infrastructure, including disaster recovery plans
- Cloud engineering: building, implementing and managing cloud infrastructure and virtual networks
- Cyber security: protecting sensitive data and information through security architecture and developing disaster recovery and contingency plans
- Database and data management: creating, designing and monitoring systems that store data and optimise organisational knowledge management
- Front end web development: designing dynamic and complex websites, user experience solutions and documents using extensible mark-up languages
- Game art and design: creating complex 2D and 3D modelling and animation software through scripts and storyboards
- Game programming: creating complex 2D and 3D interactive games and media, building graphical user interfaces and applying artificial intelligence in game development
- Systems administration: reviewing maintenance procedures and support to help troubleshoot system applications
- Systems analysis: modelling and testing data objects, data processes and preferred ICT system solutions
- Telecommunications network engineering: managing logistics, organisational specifications, regulations and legislative requirements across network projects.

The latest release of the qualification and packaging rules can be found at the following link:

<https://training.gov.au/Training/Details/ICT50220>



➔ WHO SHOULD APPLY FOR THIS COURSE AND WHY?

This course is targeted at international students who are:

- Seeking to pursue a career in information technology.
- Seeking to enter a new industry sector.
- Seeking a pathway to higher-level qualifications

Completing this course may provide you with employment or learning opportunities. Potential employment options are in a range of IT related roles. Further education pathways may include ICT60120 Advanced Diploma of Information Technology or a range of advanced diploma qualifications in information and communications technology (ICT).

➔ WHAT CAN I EXPECT?

The following units are included in this course and all are required for the award of the qualification. Students who only complete some units will be awarded with a Statement of Attainment for units successfully completed.

COURSE SUBJECTS

Code	Title	Core or Elective
BSBCRT512	Originate and develop concepts	Core
BSBXCS402	Promote workplace cyber security awareness and best practices	Core
BSBXTW401	Lead and facilitate a team	Core
ICTICT517	Match ICT needs with the strategic direction of the organisation	Core
ICTICT532	Apply IP, ethics and privacy policies in ICT environments	Core
ICTSAS527	Manage client problems	Core
ICTPRG537	Implement security for applications	Elective
ICTNPL413	Evaluate networking regulations and legislation for the telecommunications industry	Elective
ICTNWK540	Design, build and test network servers	Elective
ICTNWK546	Manage network security	Elective
ICTSAD508	Develop technical requirements for business solutions	Elective
ICTCYS407	Gather, analyse and interpret threat data	Elective
ICTPRG535	Build advanced user interfaces	Elective

 COURSE SUBJECTS

Code	Title	Core or Elective
ICTCYS610	Protect critical infrastructure for organisations	Elective
ICTCYS613	Utilise design methodologies for security architecture	Elective
ICTSAS524	Develop, implement and evaluate an incident response plan	Elective
ICTSAS526	Review and update disaster recovery and contingency plans	Elective
ICTICT523	Gather data to identify business requirements	Elective
ICTPMG505	Manage ICT projects	Elective
ICTWEB513	Build dynamic websites	Elective



TRAINING AND ASSESSMENT INFORMATION

This course is delivered face-to-face in a classroom-based setting, as well as through structured self-study. All training will take place at Canberra Institute of Education and Technology training facilities and in a simulated workplace.

The timetable for this course will be advised in your Offer Letter and Student Agreement.

You are required to attend classes for 14 hours per week, as well as complete 6 hours of structured self-study per week for 40 study weeks (4 terms of 10 weeks each). Holiday breaks are as indicated in your timetable.

Class sessions include a mix of theory and practical activities with a focus on creating a real-life workplace.

In addition to classroom based learning and structured self-study, you will also need to complete approximately 5 hours of additional, unsupervised study per week including general reading and research for assessments.

You will also need to complete assessments for this course which may include:

- Written questions
- Projects
- Presentations
- Reports
- Role plays/observations

At the beginning of each unit, your trainer and assessor will outline the assessment tasks that must be completed. Your classes will be conducted in modern classrooms, and you will be able to access Wi-Fi. There are also areas for you to relax, as well as conduct additional study.

You will be provided with a Student Guide relevant to each unit in your course. Textbooks are also available onsite for you to use and borrow if you wish.

COURSE PROGRESS AND ATTENDANCE

Satisfactory course progress and attendance is very important in order to meet visa requirements. Please read the International Student Handbook carefully for more information. You will also be provided with further information about course progress and attendance requirements at your orientation.

➔ STUDENT SUPPORT

We offer the following in relation to support and welfare.

- one-to-one support from the trainer/assessor
- support with personal issues
- access to additional learning resources
- reasonable adjustment in assessment
- social events
- information about external sources of support.

You may not have studied for a while, may have English as a second language or need additional assistance with literacy or numeracy.

We will identify any additional support needs you may have at the time of application and enrolment and may prepare a Student Support Plan for you based on those needs.

➔ RESOURCE REQUIREMENTS

You are required to bring your own laptop with Office 365 (or similar program) to all classes. These costs are not included in your course fees. Specifications for laptops and associated costs are included below.

PC

Item	Minimum requirements
Processor	Intel® or AMD processor with 64-bit support*; 2 GHz or faster processor Microsoft Windows 10
Operating system	Microsoft Windows 10
RAM	10 GB or more of RAM (8 GB recommended)
Hard disk space	3.1 GB or more of available hard-disk space

Item	Minimum requirements
Monitor resolution	1024 x 768 display (1280x800 recommended) with 16-bit colour and 512 MB or more of dedicated VRAM; 2 GB is recommended
Graphics processor acceleration requirements	OpenGL 2.0-capable system
Internet	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services.

MAC OS

Item	Minimum requirements
Processor	Multicore Intel processor with 64-bit support
Operating system	MacOS version 10.12 (Sierra), macOS version 10.13 (High Sierra), or macOS version 10.14 (Mojave).
RAM	2 GB or more of RAM (8 GB recommended)
Hard disk space	4 GB or more of available hard-disk space for 64-bit installation; additional free space required during installation.
Monitor resolution	1024 x 768 display (1280x800 recommended) with 16-bit colour and 512 MB or more of dedicated VRAM; 2 GB is recommended

Item	Minimum requirements
Graphics processor acceleration requirements	OpenGL 2.0-capable system
Internet	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services.

➔ SOFTWARE & LAPTOP DETAILS

Name of software	Associated costs	Details
Office 365	\$129 annually	https://products.office.com/en-au/buy/office

Laptop Details	Associated costs	Details
Any laptop that meets the specifications above	\$450 (approximate only)	<u>Various</u>

➔ COURSE CREDIT

You can apply for recognition of existing qualifications or skills, knowledge, and experience (credit transfer or recognition of prior learning) as per the information included in our International Student Handbook, which is available at www.ciet.edu.au.

If you are granted course credit, this will affect your course fees as well as the duration of your course. We will advise you in writing of changes to fees or course duration as a result of the credit. You will also be issued with a new Confirmation of Enrolment. For any questions about course credit, contact us at the details shown below.

➔ WHAT ARE THE ENTRY REQUIREMENTS?

Canberra Institute of Education and Technology has the following entry requirements:

You must:

- Be at least 18 years of age.
- Have completed a building and construction related qualification from the Construction, Plumbing and Services Training Package at Certificate III level and above and including CPCCWHS1001 Prepare to work safely in the construction industry.
- Participate in a course entry interview to determine suitability for the course and student needs.
- Have an IELTS* score of 5.5 (test results must be no more than 2 years old). English language competence can also be demonstrated through documented evidence of any of the following:
 - educated for 5 years in an English-speaking country; or
 - successful completion of an English Placement Test.

Note that other English language tests such as PTE and TOEFL can be accepted. You are required to provide your results so that we can confirm they are equivalent to IELTS 5.5.

➔ HOW MUCH DOES IT COST?

Course fees	Tuition fees: AUD \$13,550 Enrolment fee: \$250 Material fee: \$450
Non-tuition fee	May apply and can be found in our International Student Handbook on our website at https://www.ciet.edu.au

Course fees do not include laptops or software – see information above

A detailed payment plan and payment arrangements are provided in the Offer Letter and Student Agreement. You must pay all of your course fees and on time. Non-payment of fees may result in cancellation of enrolment.

You are also required to take out Overseas Health Insurance Cover before arriving in Australia. Canberra Institute of Education and Technology provides details of OSHC providers in the International Student Handbook. You can approach any of these providers to find out costs and organise your cover.

Additional costs associated with living in Australia are outlined in the International Student Handbook. You should carefully review these costs in relation to budgeting. Further information can be found at <https://www.studyinaustralia.gov.au/english/live-in-australia/living-costs>.

➔ HOW CAN I APPLY?

To apply for this course, you are required to complete an enrolment form and submit all required supporting evidence including copies of your:

- High School Certificate
- Proof of English language proficiency as specified in the entry requirements.

➔ WHERE TO FROM HERE?

If your application is successful, we will send you an Offer Letter and Student Agreement. You should make sure you read through this document carefully to make sure you are happy with all of the terms and conditions. If you are, then simply sign the document and send it back to us.

Once we receive this, we will issue you with a Confirmation of Enrolment (CoE) letter and an invoice for the first payment.

The first day of each course will include orientation and induction. Orientation will include information about the campus, living in Australia, accessing our support services and methods for achieving success throughout the course, including course progress requirements.

This course outline should be read in conjunction with Canberra Institute of Education and Technology International Student Handbook. This can be found online at <https://www.ciet.edu.au>

➔ ISSUANCE AUTHORITY

The Canberra Institute of Education and Technology is the sole authority to issue AQF documentation. CIET does not have any partners or third parties for training and assessments either in Australia or overseas.

➔ HEALTH INSURANCE

International students are also required to take out Overseas Health Insurance Cover (OSHC) before arriving in Australia. OSHC information will also be included in the Student Agreement. For more information on OHSC, visit, https://www.privatehealth.gov.au/health_insurance/overseas/overseas_student_health_cover.htm . Students can choose to select the insurance provider we offer or choose any Insurance provider themselves. Some of the popular insurance providers of Australia are as follows.

