

**Australian Federation College**

RTO Code: 45616 | CRICOS Provider No.: 03854G



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Federation  
College**

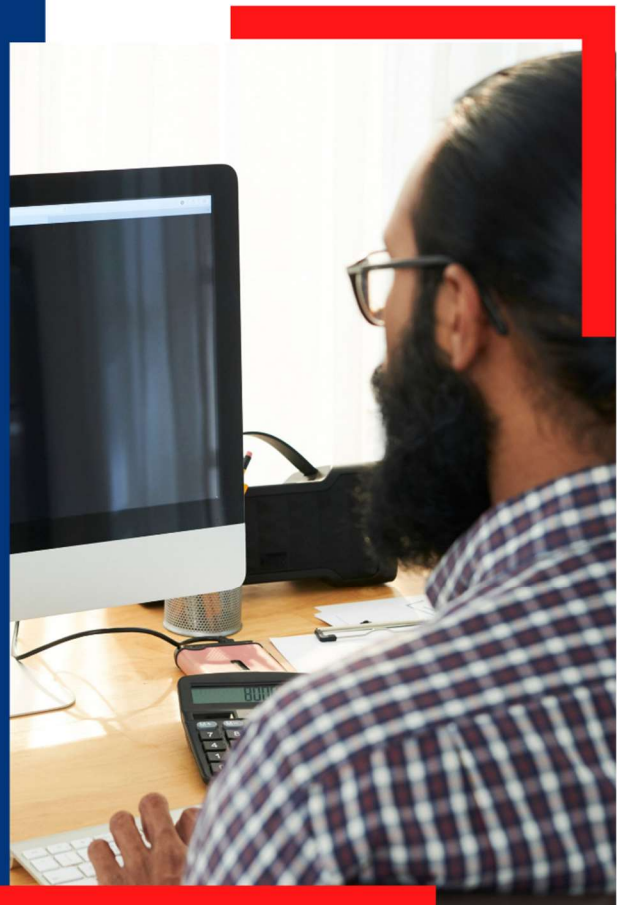


1

ICT50220

## **DIPLOMA of INFORMATION TECHNOLOGY**

CRICOS Course Code : 108184A



# **COURSE BROCHURE**

## About this Course Brochure

This brochure provides all the information international students need to know about enrolling into ICT50220 Diploma of Information Technology.

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

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

## Course Overview

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 specialist fields, working independently, as part of a team or leading deliverables 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.

### Course Location and Delivery Mode

This course is delivered via classroom & online based training and assessment at Level 1, 126 Charles Street, Launceston TAS 7250 and Level 5, 250 Collins St, Melbourne, Victoria 3000, Australia.

Weekly scheduled face-to-face & online class hours for attendance at Australian Federation College is 20 hours.

### Target Group for the Course

Target groups for the ICT50220 Diploma of Information Technology are international students who are:

- Seeking to pursue a career as a web developer, website designer/developer, ICT business analyst, ICT administrator, IT officer or IT manager.
- Seeking to enter a new industry sector.
- Seeking a pathway to higher-level qualifications.

## Potential Education/Career Outcomes

Students who complete this course may wish to continue their education into the ICT60220 Advanced Diploma of Information Technology or a range of VET or higher education programs.

Job roles and titles vary across different industry sectors. Potential employment options include:

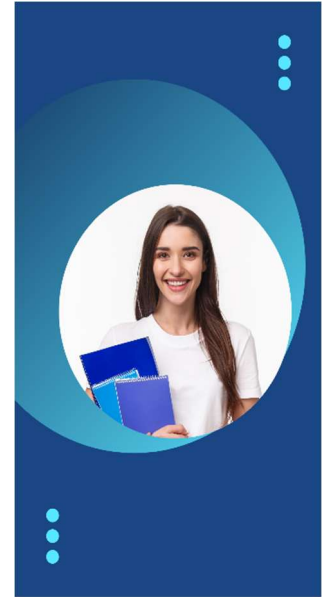
- Web developer
- Website designer/developer
- ICT business/ system analyst
- ICT administrator
- IT officer/ manager

## Entry Requirements

Australian Federation College has the following entry requirements. You must:

- Be at least 18 years of age and have completed Year 12 or equivalent;
- Have completed Australian year 12 or equivalent OR successfully completed AQF Certificate IV qualification or above;
- Prior commencement, participate in a non-intrusive course entry assessment to determine suitability for the course and student needs. Where support needs are identified, Australian Federation College may implement support strategies, develop a Student Support Plan, provide additional learning support or recommend alternative study pathways where appropriate;
- Meet Australian student visa subclass 500 requirements; and
- Have an IELTS\* score of 6.0 (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 at least 5 years in an English-speaking country where the medium of instructions was in English; or
  - Completed at least a Certificate IV level course in an Australian RTO within the last 2 years.

*\*Note that other English language tests such as PTE and TOEFL can be accepted. Students are required to provide their results so that Australian Federation College can confirm they are equivalent to IELTS 6.0.*



## Course Duration and Timetabling

This course is delivered over 65 weeks comprising of:

- Five (5) terms of 10 weeks each (50 weeks of training).
- Holiday breaks amounting to 15 weeks.

This course is offered on the following days and times subject to enrolment of students:

### Sample Timetable:

#### Shift 1:

Monday (Lecture): 9:00 AM – 4:30 PM

Tuesday (Skills Development): 9:00 AM – 4:30 PM

Online: Saturday: 9:00 AM – 3:30 PM

#### Shift 2:

Monday & Tuesday (Lecture): 5:00 PM – 8:30 PM

Wednesday & Thursday (Skills Development): 5:00 PM – 8:30 PM

Online: Saturday: 9:00 AM – 3:30 PM

#### Important Note:

The above information is provided as a general reference and may not apply to all qualifications. Timetables are subject to variation depending on the course, campus, intake, and/or student enrolment numbers. Final confirmed schedules will be provided to students prior to the commencement of their study period.

## Units Included in the Course

The ICT50220 Diploma of Information Technology requires the successful completion of six (6) core units and fourteen (14) elective units.

Electives for this qualification have been chosen by Australian Federation College to ensure that students achieve a broad range of skills and knowledge in information technology.



**Units included in this qualification are:**

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
ICTICT523	Gather data to identify business requirements	Elective
ICTICT526	Verify client business requirements	Elective
ICTSAD508	Develop technical requirements for business solutions	Elective
ICTSAD509	Produce ICT feasibility reports	Elective
ICTSAD507	Design and implement quality assurance processes for business solutions.	Elective
ICTWEB513	Build dynamic websites	Elective
ICTWEB514	Create dynamic web pages	Elective
ICTWEB518	Build a document using extensible markup language	Elective
ICTWEB527	Research and apply emerging web technology trends	Elective
ICTICT530	Design user experience solutions	Elective

6

Code	Title	Core or Elective
BSBTWK503	Manage meetings	Elective
BSBWHS521	Ensure a safe workplace for a work area	Elective
BSBLDR523	Lead and manage effective workplace relationships	Elective
ICTPMG505	Manage ICT projects	Elective

## Training and Assessment Information

7

Assessment methods used for this qualification will provide a range of ways for individuals to demonstrate that they have met the required outcomes including:

### Written Evidence:

- i) Written questionnaire;
- ii) Report writing;
- iii) Case study/ problem solving;
- iv) Research work/ documentation review;
- v) Project work;
- vi) Third-party report and/or
- vii) Portfolio of documents.

### Demonstration:

- i) Practical demonstration;
- ii) Presentation;
- iii) Discussion;
- iv) Role play;
- v) Observation; and/or
- vi) Oral questioning

At the beginning of each unit, trainers will outline the assessment tasks that must be completed. Research, assessment preparation, self-study etc. for each unit takes about 5 hours outside of class hours per week subject to individual capacity.

## Course Progress and Attendance monitoring

Note that for international students, satisfactory course progress and class attendance is required in order to meet visa requirements. More information can be found in our International Student Handbook, Course Progress Monitoring and Attendance Monitoring Policies and Procedures available in our website at [www.afcollege.edu.au](http://www.afcollege.edu.au).

Students who do not meet course progress and attendance requirements are at risk of having their visas cancelled. Students who are identified as being at risk of not meeting course progress or attendance requirements will be provided with additional support as per our intervention strategy.



8

## Student Support

All students will be provided with a range of learning support options and resources to help them achieve competency. This includes:

- One to one support from trainer/assessor
- Support with personal issues and general counselling sessions
- Access to additional learning resources
- Reasonable adjustment in the assessment
- Social events
- Assisting in improving writing, role play, presentation, referencing or computer skills
- Buddy program
- Referral to external support services.

Further information about available student support at Australian Federation college can be found in Student Support Policies and Procedures available on our website.

## Facilities and Equipment

- Modern campus with all required amenities for students.
- Classrooms equipped with desks, chairs, whiteboard, overhead projector and flip chart.
- Fully fitted computer facilities with access to the Internet Learning and assessment materials.
- Student lounge with modern kitchen equipped with all necessary equipment such as microwave, fridge, drinking water facilities and hot water kettle.
- Computers in the student lounge with access to the internet.
- Print and electronic resources library with reference materials for courses and other reading materials.



9

## Course Costs

The costs for this course are as follows:

- Total course fees AUD 17,500 include tuition fees plus any additional compulsory costs as follows:
  - Enrolment Fee: AUD 250 (non-refundable)
  - Material fee: AUD 250
  - Tuition Fees: AUD 17,000

**Non-tuition fees:** May apply and can be found at [www.afcollege.edu.au](http://www.afcollege.edu.au)

A detailed payment plan and payment arrangements are provided in the Offer Letter and Written Agreement. Non-payment of course fees may result in cancellation of enrolment. Course fees do not include laptops, computer software or textbooks, which are to be purchased at the student's own cost and approximate costs for these are listed in resources requirements.

**Australian Federation College reserves the right to vary Tuition Fees and/or Material Fees from time to time.**

## Resource Requirements

Texts, laptops and software may be purchased by students through the suppliers as listed or any other suppliers that offer the resources noting that costs may vary at the time of purchase. Regarding the textbooks, students may choose to purchase either the ebook/digital edition or print version to suit their needs.

Students should also note minimum specifications for a laptop which students must bring to each class. Specifications are included for both Windows and Mac.

Name of Publication	Approx. price	Publisher/Seller
Leadership and Management Theory and Practice, 7 <sup>th</sup> Edition, Cengage Learning Australia.	Ebook \$64.95 Print \$109.95	Cengage Learning <a href="http://www.cengage.com.au">www.cengage.com.au</a>
Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics, Jennifer Robbins, Fourth Edition.	Ebook \$53.95	O'Reilly media, Inc, USA
<b>Name of Software</b> : Office 365	\$129 annually	<a href="https://products.office.com/en-au/buy/office">https://products.office.com/en-au/buy/office</a>
<b>Laptop Costs</b> Any laptop that meets the specifications below.	\$450 (approximate only)	Various

## Windows –Laptop Component

## Minimum Requirements

### Processor

Intel® or AMD processor with 64-bit support\*; 2 GHz or faster processor  
Microsoft Windows 7 with Service pack 1 (64-bit), Windows

	10 (Version 1709 or later)
<b>Operating system</b>	Microsoft Windows 7 with Service pack 1 (64-bit), Windows 10 (Version 1709 or later)
<b>RAM</b>	2 GB or more of RAM (8 GB recommended)
<b>Hard disk space</b>	3.1 GB or more of available hard-disk space for 64-bit installation; additional free space required during installation.
<b>Monitor resolution</b>	1024 x 768 display (1280x800 recommended) with 16-bit color and 512 MB or more of dedicated VRAM; 2 GB is recommended.
<b>Graphics processor acceleration requirements</b>	Open GL 2.0 capable system
<b>Internet</b>	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services

## Mac – Laptop Component

## Minimum Requirements

<b>Processor</b>	Multicore Intel processor with 64-bit support
<b>Operating system</b>	MacOS version 10.12 (Sierra), macOS version 10.13 (High Sierra), or macOS version 10.14 (Mojave).
<b>RAM</b>	2 GB or more of RAM (8 GB recommended)
<b>Hard disk space</b>	4 GB or more of available hard-disk space for 64-bit installation; additional free space required during installation.
<b>Monitor resolution</b>	1024 x 768 display (1280x800 recommended) with 16bit color 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.

**Insurance and Living Cost**

International students are also required to purchase Overseas Students Health Cover (OSHC) before arriving in Australia. Australian Federation College provides details of OSHC providers in the International Student Handbook.

Additional costs associated with living in Australia are outlined in the International Student Handbook. Students should carefully review these costs in relation to budgeting.

Further information can be found at

<https://www.studyaustralia.gov.au/en/life-in-australia/living-and-education-costs>



**Course Credit**

Students may 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.afcollege.edu.au](http://www.afcollege.edu.au)

For international students, the granting of course credit may affect course fees as well as the duration of the course.

The result of an application for credit and any changes to fees or course duration will be advised to students in writing.

If course credit is granted following issuance of the Confirmation of Enrolment, students will receive a new Confirmation of Enrolment showing a reduced duration.

For any questions about course credit, contact us at the details shown below.

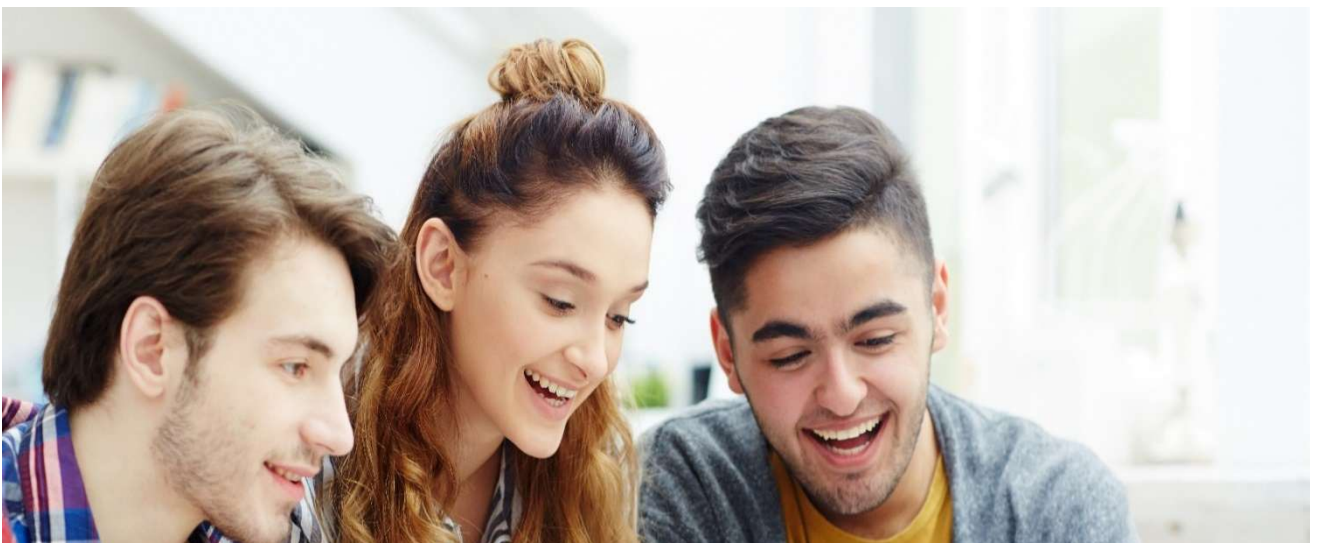


## How to Apply

To apply for this course, students are required to complete and send us Application for Enrolment Form. This can be provided to students by email or downloaded from our website. Completed Form should be sent to us with all required documents. Students may contact us for help at:

E: [admissions@afcollege.edu.au](mailto:admissions@afcollege.edu.au)

P: (+61) 03 6393 3225



## Acceptance of Application and Orientation

If a student's application is accepted, an Offer Letter and Written Agreement will be sent to the student to sign and return to the College. Once received, a Tax Invoice with the initial payment amount will be sent to the student. Upon receipt of the payment, an electronic Confirmation of Enrolment (eCoE) will be issued and sent to the student with a set of documents.

The first day of the course will include an orientation session. Students will be provided with information about the campus, living in Australia, accessing our support services and methods for achieving success throughout the course, including course progress and attendance requirements as well as an assessment to identify individual support needs.

This course information should be read in conjunction with our International Student Handbook and our policies and procedures available online at: [www.afcollege.edu.au](http://www.afcollege.edu.au)



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## Contact Us



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Melbourne, VIC 3000, Australia



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info@afcollege.edu.au

*Explore our vibrant campuses in person, reach out via email, give us a call, or connect with us on social media. We're always here and eager to assist you.*



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