

GDIT21 Graduate Diploma of Information Technology

1. About the Graduate Diploma of Information Technology

The Graduate Diploma of Information Technology is comprised of IT skills for professionals. In addition to core IT skills, the course ensures a sound foundation of software development, cloud computing and AI principles required for a successful career in the field of ICT.

Due to the approach of the course, founded on extensive industry consultations, students pathway into the Master and Master Advanced equipping themselves with a mixture of creative application skills, cognitive and technical abilities.

The Graduate Diploma of Information Technology is developed to address the needs of a rapidly evolving industry and as such serves as an exit qualification from Master of Information Technology and Master of Information Technology (Advanced) courses. Graduates will have a combination of skills and knowledge additional to IT enabling them gain entry in field of ICT.

Graduate employment opportunities

The Graduate Diploma of Information Technology provides graduates with the capability for employment in either generalist or niche roles found within the Information Technology industry.

Examples include:

- Business Analyst
- Data Analyst
- Helpdesk
- Technical Writer
- Web Designer
- Software Developer
- Security Analyst

Course Overview

Course Title	Graduate Diploma of Information Technology		
Study Options – Domestic Australian students	Face to Face delivery Online delivery Full-time and part-time options available.	Study Options – International students	International students on a student visa must not enrol into any more than a third or 33% of online subjects over their course and must study at least one subject that is face to face in each trimester. International students on a student visa are required to study full time, i.e. the student must complete a minimum of 1.0 EFTSL of study per year.
Start Dates	February, June, September For specific dates visit the website .	Course Length	Full-time: 3 Trimesters Part-time: 6 Trimesters
Payment Options - Domestic Australian students	Upfront payment This means tuition fees will be invoiced each semester and payment is required on or before the due date. FEE-HELP FEE-HELP is Australian Government's loan scheme for higher education degree courses. It can assist you in paying for all, or part of, your course fees. Repayments commence via the tax system once your income rises above a minimum threshold. Just like with any other debt, a FEE-HELP debt is a real debt that impacts your credit rating.	Payment Options – International students	Upfront payment This means tuition fees will be invoiced each semester and payment is required on or before the due date.
Course study requirements	Each subject involves 10 hours of study per week, comprising 3 hours of facilitated study and 7 hours self-directed study.	Assessment	Project/Application/Research Proposal, Process/Research Documentation, Application Outcome, Reflective Journal/Blog, Report/Essay, Presentation/Pitch,

			Examinations/Tests/Quizzes, Research, Collaboration, Individual self-directed major project, Work integrated learning project work, Software development for social enterprise
Locations	Sydney Melbourne Adelaide Brisbane Online	Delivered by	Torrens University Australia
Provider	Torrens University Australia Ltd is registered as a self-accrediting Australian university by the Tertiary Education Quality and Standards Agency (TEQSA).	CRICOS Course Code	107047G
Provider obligations	Torrens University is responsible for all aspects of the student experience, including the quality of course delivery, in compliance with the Higher Education Standards 2015	Accrediting body	Torrens University Australia Ltd
Course Fees	For details, refer to the website .	Any other fees	For details, refer to the website .

2. Essential requirements for admission

The general admission criteria that apply to Torrens University Australia courses can be located by visiting the Torrens University Australia website - <https://www.torrens.edu.au/general-admission-information-for-torrens-university-australia-ltd>.

3. Admission Criteria

Title of course of study	Graduate Diploma of Information Technology
Applicants with higher education study	The standard entry requirement is a completed qualification at AQF Level 7 (Bachelor degree) or above from an Australian University (or at an equivalent overseas higher education) in

Torrens University Australia Ltd, ABN 99 154 937 005, RTO 41343, CRICOS 03389E.

Information provided in this document is current at the time of publishing (Aug 2021).

Course Information Set_Graduate Diploma of Information Technology

Title of course of study	Graduate Diploma of Information Technology
	Information Technology or relevant disciplines covering studies in programming, computer networks, database and web development.
Applicants with vocational education and training (VET) study	N/A
Applicants with work and life experience	<p>Demonstrated ability to undertake study at the required level:</p> <ul style="list-style-type: none"> • broadly relevant work experience in Information Technology (documented e.g. CV), demonstrating a reasonable prospect of success; OR • formal, informal or non-formal study, completed or partially completed, demonstrating a reasonable prospect of success; OR • written submission to demonstrate reasonable prospect of success.
English Language Proficiency (applicable to international students, and in addition to academic or special entry requirements noted above)	IELTS level 6.5 required, with no element less than 6 (or equivalent TOEFL, CAE or PTE).

Other admission options

(For applicants who will be selected on a basis other than ATAR)

Special Entry	<p>Applicants in any category whose study, work or life experiences have been impacted by disability, illness or family disruption will be given special consideration for admission. Each application will be considered on its merit, based on the evidence supplied by the applicant attesting to the circumstances of the applicant. Applicants for special entry may need to complete written or numerical tasks to assist with assessing eligibility for admission.</p>
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4. How to apply

Via direct application to the institution

- <https://apply.torrens.edu.au/>

5. Advanced standing/academic credit/recognition of prior learning (RPL)

You may be entitled to credit for prior learning, whether formal or informal. Formal learning can include previous study in higher education, vocational education, or adult and community education. Informal learning can include on the job learning or various kinds of work and life experience. Credit can reduce the amount of study needed to complete a degree.

Applicants admitted based on prior higher education study may be eligible for Advanced Standing in the form of credit and/or recognition of prior learning (RPL) under the Torrens University Australia [Credit Policy - \(https://www.torrens.edu.au/policies-and-forms\)](https://www.torrens.edu.au/policies-and-forms).

- Students with completed subjects may be eligible for specified credit and/or elective exemptions
- Students who have completed a qualification at AQF level 5 (diploma) or above may be eligible for block credit (where a block credit agreement exists)
- Students with a mix of formal study and informal and/or non-formal learning may be eligible for recognition of prior learning in addition to any credit approved.

Credit will not be applied automatically. Applicants must apply for credit and/or RPL as early as possible prior to each study period, with applications not accepted after week 2.

For further information about credit and recognition of prior learning please see <http://www.torrens.edu.au/apply-online/course-credits>.

6. Where to get further information

- Torrens University Australia (TUA) Website
 - <https://www.torrens.edu.au/>
- Universities Admissions Centre (UAC) Website
 - <http://www.uac.edu.au/>
- Quality Indicators for Learning and Teaching (QILT) Website
 - <https://www.qilt.edu.au/>

7. Additional Information

Course Structure

The course structure comprises of 8 Information Technology (IT) core subjects over levels 400 and 500, as follows:

- Level 400: 4 IT core subjects
- Level 500: 4 IT core subjects

Course Rules

To be awarded the Graduate Diploma of Information Technology, students must complete 80 credit points over 8 subjects as outlined in the course structure above. Each subject has a value of 10 credit points.

Subjects

SUBJECT DETAILS
SUBJECT TITLE, DESCRIPTOR
LEVEL 400
<p>MIS501 Principles of Programming</p> <p>This subject introduces students to programming as a tool for developing systems and addressing business needs. Students will learn Unified Modelling Language (UML) and Integrated Development Environment (IDE) to design, create, compile, test and run programs, applying object-oriented concepts to construct classes and methods to solve organisational problems. This subject will be tailored to student’s levels of expertise and expose students to an object-oriented programming language(s). Furthermore, it will equip students with the skills to assess and apply requirements in business environments.</p>
<p>SBD403 Secure by Design</p> <p>This subject deals with integrating the entire development lifecycle of IT systems in a secure environment through secure design methodologies, software development models, architecture design and industry Secure by Design standards like OWASP (Open Web Application Security Project). This subject also deals with how to build adequate security into systems to maintain integrity and safety of the functionality of IT systems while being exposed to cyber threats.</p>
<p>SEP401 Software Engineering Principles</p> <p>In this subject, students are introduced to the current Software Engineering standards and processes, with the aim of enabling them to analyse, design, and implement software projects that follow certain quality measures at every stage of the Software Development Life Cycle. The subject covers requirements engineering, modelling and design of software, software architecture, verification and validation of software systems, and other topics that are related to software engineering practices.</p>

SUBJECT DETAILS
SUBJECT TITLE, DESCRIPTOR
<p>SDM404 Software Development Management</p> <p>In this subject the students are introduced to the main project management principles and modern software project management practices. During the subject, the different methods for managing and optimising the software development process are discussed along with the different techniques for performing each phase of the software development life cycle.</p>
LEVEL 500
<p>CCF501 Cloud Computing Fundamentals</p> <p>This subject gives students a fundamental understanding of Cloud Computing. They are able to understand how the cloud computing infrastructure has evolved from the traditional IT infrastructure and what business advantages it brings. Students will also learn the different Cloud Segments and Cloud Deployment models and the key players in the market. The subject also provides a knowledge of Cloud Services and Cloud Security to the students.</p>
<p>ISY503 Intelligent Systems</p> <p>This subject aims to give a broad introduction of intelligent systems, that is, how technologically advanced machines perceive and respond to the world around them. Discussion will focus on how Artificial Intelligence (AI) concepts and classifications are used to design intelligent systems. Overview of AI topics such as representation, reasoning, search methods, intelligent agents, learning, uncertainties and probabilities, perception and action, and communication are presented. It also includes discussions of AI classifications such as Machine Learning, Robotic, Natural Language Processing, Speech Recognition, Expert Systems, Computer Vision, and how they are used to make intelligent systems. This subject also enables students to understand the particular ethical issues that AI presents and how it can be used to benefit society.</p>
<p>REM502 Research Methodologies</p> <p>This subject introduces students to a framework for developing good scholarly inquiry skills and fundamental knowledge needed to make rational decisions about research strategies. Students will be presented with research strategies to critically investigate exemplar studies and examine the connection between a research question with appropriate research design and methodology. On completion of this subject, students should be able to develop researchable questions, and write research proposals and literature reviews. They will have a critical understanding of the strengths and limitations of the quantitative, qualitative and mixed method approaches to research. They will also learn about the ethical principles of research, challenges in getting approval and the approval processes.</p>
<p>MIS605 Systems Analysis and Design</p> <p>This subject introduces students to activities, techniques, and methodologies a systems analyst uses to design information systems that, when built, enhance the organisation's ability to meet its business goals via available technology. These include define requirements for system, model high-level behaviours of system, and design blueprint, that is, planning and implementation and will move through object-oriented approaches to analysis and design, the transformation of user requirements to system design. User empathy is promoted in this subject, using the unified modelling language (UML).</p>

Locations

The Graduate Certificate of Information technology can be studied fully online or at the below Torrens University Campuses:

- Sydney: 46-52 Mountain Street, Ultimo NSW Australia 2007
- Melbourne: 196 Flinders St, Melbourne, VIC 3000
- Adelaide: 82-98 Wakefield Street, Adelaide, SA, 5000
- Brisbane: 90 Bowen Terrace, Fortitude Valley, QLD 4006
- Online

Campus Facilities and Services

All campuses are designed to provide students with professional spaces in which to learn and work. They have been planned with student study needs in mind with well-equipped accessible learning spaces as well as student breakout areas for group work and spending time with friends.

Facilities and Services include:

- The Customer Service Hub – our friendly and experienced staff can give help and advice about courses, your enrolment and campus life, including all services and activities on campus.
- Counsellors are available for students to consult with on a range of personal issues
- Student wireless access throughout the Campus
- Student break-out and relaxed study spaces for group work
- Student lounge areas – most with microwaves, kitchenette facilities and vending machines
- The Learning Hub, home to the Learning Support Team, encompasses Learning Skills Advisors, Learning Technology Advisors, and Library & Learning Skills Officers. It provides an integrated, holistic support program for students throughout the study lifecycle within a library/collaborative study environment.

The service includes:

- Support and workshops with highly qualified staff in the areas of Academic skills, Library skills, and Technology skills, both on campus and online.
- Physical and digital resources relevant to studies, such as books, journals, multimedia, databases
- Self-check kiosks for library loans and print and copy facilities

A positive student experience

Torrens University Australia values the importance of a positive student experience, and therefore has robust processes to resolve student complaints. The Student Complaints Policy, and associated procedures, can be accessed from the [website](https://www.torrens.edu.au/policies-and-forms) (https://www.torrens.edu.au/policies-and-forms).

Paying for your qualification

We offer two payment options for this course:

- **Upfront payment**

If you want to complete your qualification debt-free you can choose to pay as you go. This means tuition fees will be invoiced each semester and payment is required on or before the due date using EFTPOS, credit card or direct transfer.

- **FEE-HELP**

FEE-HELP is Australian Government's loan scheme for higher education degree courses. It can assist you in paying for all, or part of, your course fees. Repayments commence via the tax system once your income rises above a minimum threshold (\$45, 881 in 2019-20). Just like with any other debt, a FEE-HELP debt is a real debt that impacts your credit rating.

Further information about FEE-HELP, including eligibility, is available at:

- FEE-HELP website:
<http://studyassist.gov.au/sites/studyassist/help-payingmyfees/fee-help/pages/fee-help->
- FEE-HELP booklets:
<http://studyassist.gov.au/sites/studyassist/helpfulresources/pages/publications>

Austudy and Abstudy

Students enrolled in this course may be eligible for government assistance, such as [Austudy](#) or [Abstudy](#).