

Subject name	Information and Communication Technology
Subject code	ICJ
Subject type	Applied
Subject fee	Nil
Prerequisites	Nil

Course overview

Information and Communication Technology (ICT) focuses on the knowledge, understanding and skills related to engagement with information and communication technology through a variety of elective contexts derived from work, study and leisure environments of 21st century today.

Students are equipped with knowledge of current and emerging hardware and software, an understanding of how to apply them in real-world contexts and the skills to use them to solve technical and/or creative problems. They develop knowledge, understanding and skills across multiple platforms and operating systems, and are ethical and responsible users and advocates of ICT, aware of the social, environmental and legal impacts of their actions.

Students apply their knowledge of ICT to produce solutions to simulated problems referenced to a variety of business contexts, to meet client expectations and product specifications.

Course outline

The Information and Communication Technology course is designed around four units of study:

- Subject matter integrated into units of study
- Complementary skills of literacy, numeracy and 21st century skills integrated into units
- Ethical practices
- Problem-solving process.

Topics	Technology contexts studied
<ul style="list-style-type: none"> • Pathways • Client briefs and technical information • Skills • Practices • Processes 	<ul style="list-style-type: none"> • Digital imaging and modelling • Layout and publishing • App development • Robotics

Assessment

Product proposal	Project
A response to a single task, situation and/or scenario.	A technique that assesses the interpretation, skills, practices and processes, analysis/examination and/or evaluation of processes and product
A project proposal consists of: <ul style="list-style-type: none"> • multimodal: at least two (2) modes delivered at the same time minutes • class time and home time required. 	Presented in multimodal response: <ul style="list-style-type: none"> • multimodal: up to 5 minutes • 8 x A4 pages • Or equivalent digital media that includes a demonstration of the functionality of the high-fidelity digital imaging and modelling prototype

Course requirements

BYOD Please refer to the Bring Your Own Device (BYOD) booklet for the minimum specifications required before purchasing a device, however an Intel 5 device handles software better.

Course accreditation

QCAA Applied subject **not** contributing to an ATAR score.

Career opportunities

A course of study in Information and Communication Technology can establish a basis for further education and employment in many fields, especially the fields of ICT operations, help desk, sales support, digital media support, office administration, records and data management, and call centres.