

Diploma of

SOFTWARE DEVELOPMENT

COURSE GUIDE



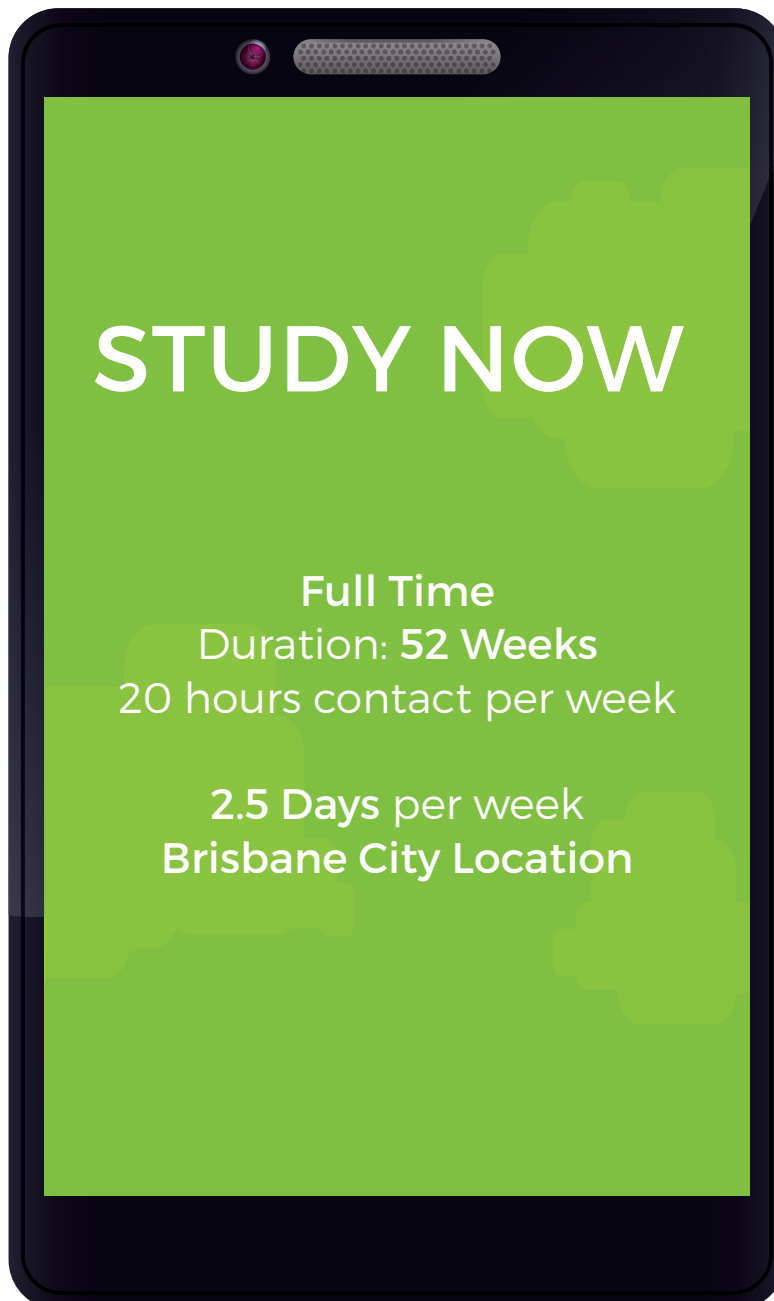
CANTERBURY
TECHNICAL INSTITUTE

CRICOS Code: 086699D RTO No: 31645

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Diploma of Software Development ICT50715



The ICT50715 Diploma of Software Development provides students with the skills and knowledge to be competent in programming and software development. A person with this qualification can create new software products to meet a project brief or customise software products to meet customer needs.

This course includes communication skills, project management, software testing, network and system administration, object orientated programming in languages such as Java, php and android object-oriented systems analysis, and web design.

Course Units

The ICT50715 course includes:

Unit Cluster 1: Intermediate Programming

ICAICT418	Contribute to copyright, ethics and privacy in an IT Environment
ICAPRG418	Apply intermediate programming skills in another language
ICAPRG527	Apply immediate object-oriented language skills
ICAPRG503	Debug and monitor applications

Unit Cluster 2: Advanced Programming

ICAPRG501	Apply advanced object-oriented language skills
ICAPRG523	Apply advanced programming skills in another language
ICAPRG529	Apply testing techniques for software development
ICAPRG510	Maintain custom software

Unit Cluster 3: Project Management

ICAICT509	Gather data to identify business requirements
ICAICT403	Apply software development methodologies
ICAPRG509	Build using rapid application development
ICAPRG520	Validate an application design against specifications

Unit Cluster 4: Project Management 2

ICAPMG501	Manage IT projects
ICAPRG502	Manage a project using software management tools
ICASAS502	Establish and maintain client user liaison
ICAPRG504	Deploy an application to a production environment

Entry Requirements:

An overall IELTS band 5.5 or equivalent and above;

18 years and above with a High School Certificate (Year 12)

A verified copy of qualification & transcripts is required along with the application

Qualification & transcripts needs to be verified by CTI's approved student recruitment agent to confirm their genuine status

Course Pathway:

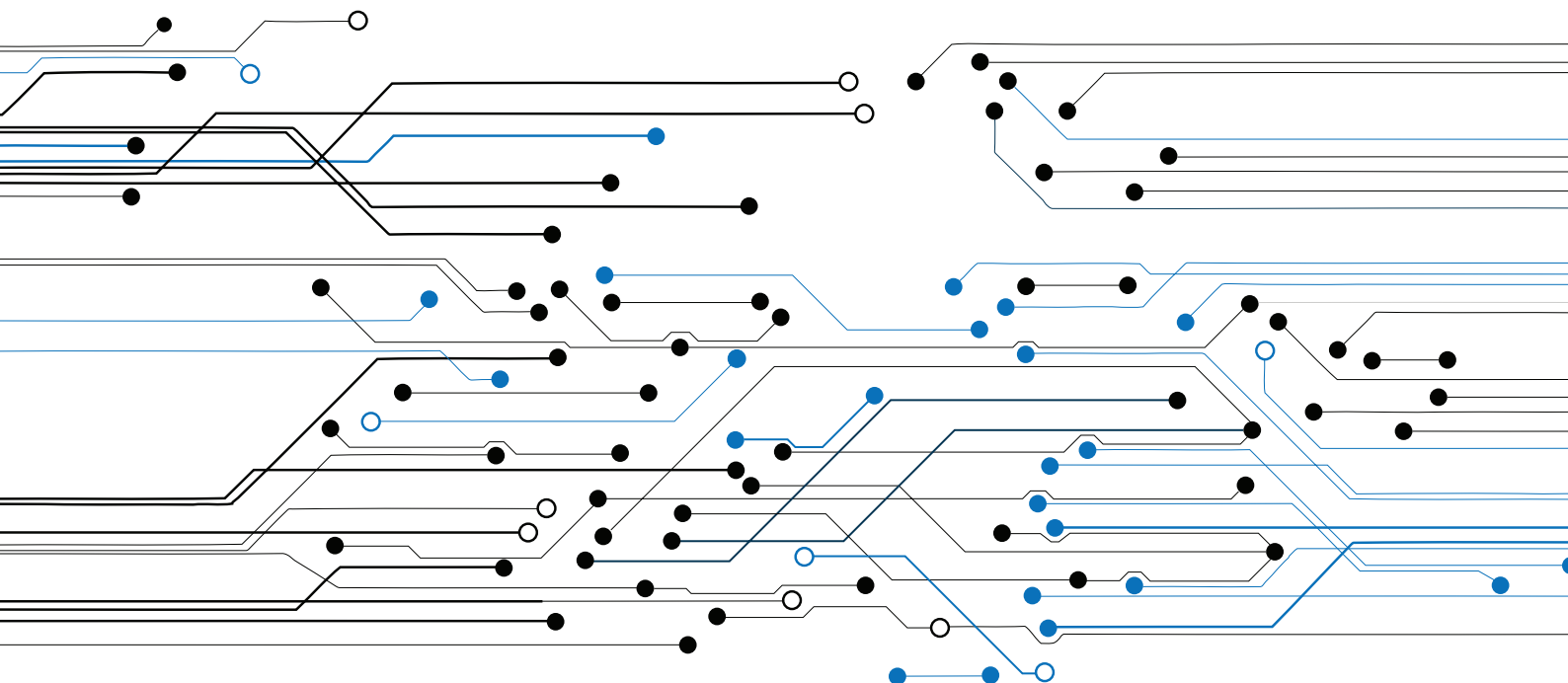
ICT15 Advanced Diploma or Vocational Graduate Certificate qualification or higher education qualifications.

Other study opportunities with CTI include Diploma of Digital and Interactive games (with 1 unit of credit from the above), Diploma of Business, Advanced Diploma of Business, Diploma of Management or you can continue on to University.

Payment Options

The non-government funded fee for the ICT50715 Diploma of Software Development is \$16, 500.00.

*Please note this course is only available to our International students at this stage.



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