

# CERTIFICATE IV IN INFORMATION TECHNOLOGY

This qualification provides the skills and knowledge for an individual to be competent in a wide range of general information and communications technology (ICT) technologies and to support small to medium enterprises (SMEs) that require broader rather than more specialised ICT support. Persons working at this level apply a wide range of knowledge and skills in basic networking, IT support, database development, programming and web development support; and working safely and ethically in a sustainable work environment.

#### Potential career:

- ICT Technician/Customer Support
- Information Systems
- Operator/Administrator
- User Support Technician
- Network Operations Technician

#### Skills you will be developing:

- Troubleshooting and running diagnostic tests
- Providing solutions to hardware or software faults
- Selecting, installing and using computer software
- Hardware products based on analysis of technical needs
- Producing documents
- Liaising with clients
- Consulting with end users to determine requirement sign-off

#### Qualification Structure

5 Core units & 15 Elective units. (Total 20 units)

TERM	SUBJECT NAME
01	+ Workplace Safety and Sustainability + Professional Ethics and Communication in IT
02	+ Business Analysis + Developing and Delivering Technical Documentation + Software Development Methodologies
03	+ Automate Processes + Introductory Programming
04	+ Basic Web Design + Manage Simple Projects



# DIPLOMA OF WEBSITE DEVELOPMENT

This qualification provides the skills and knowledge for an individual to design, build and manage websites as an independent web developer or as part of a team. You will learn about HTML, CSS, JavaScript, PHP and Content Management Systems. Students will get to practice and gain knowledge from our practical and hands on classes.

#### Potential career:

- Web developer
- Web developer manager
- Web programmer

#### Skills you will be developing:

- Communicating concepts and solutions for complex issues to colleagues and clients
- Writing complex reports for business
- Transferring and applying theoretical concepts and technical or creative skills to a range of situations information from a variety of sources
- Developing and implementing risk management plans

#### Qualification Structure

8 Core units & 12 Elective units. (Total 20 units)

TERM	SUBJECT NAME
01	+ Project Management + Web Programming
02	+ Develop and Deploy Object Orientated Applications + Contribute to Organisational Privacy and Contingency plans
03	+ Build Dynamic Websites + Verify Business Requirements Against Safety
04	+ Rapid Application Development + Evaluate and Communicate Business Requirements



# DIPLOMA OF SOFTWARE DEVELOPMENT

This qualification provides the skills and knowledge for an individual to design and develop computer software. We provide practical and hands on classes. This course will provide you with the skills to develop web services and mobile applications in Android and Apple. You will also learn how to build software applications for cloud services and work on a large scale project as part of a team.

#### Potential career:

- Analyst programmer support
- Database support programmer
- Web support programmer

#### Skills you will be developing:

- Using project planning skills in relation to project scope, time, cost, quality, communications and risk management
- Transferring and applying theoretical concepts and technical or creative skills to a range of situations with variety of sources
- Taking personal responsibility and autonomy in performing complex technical operations or organising others

#### Qualification Structure

10 Core units & 6 Elective units. (Total 16 units)

TERM	SUBJECT NAME
01	+ Advanced Programming
02	+ Evaluate and Communicate Business Requirements + Rapid Application Development
03	+ Develop and Deploy Object Orientated Applications + Contribute to Organisational Privacy and Contingency plans
04	+ Project Management + Software Testing



# DIPLOMA OF SYSTEMS ANALYSIS AND DESIGN

This qualification provides the skills and knowledge for an individual to determine client business requirements and to support a project team in the analysis and redesign of systems to ensure they meet client needs. In our Diploma of Systems Analysis and Design, students can gain the knowledge and skills to determine client business requirements and to support a project team in the analysis and redesign of systems to ensure they meet client needs.

#### Potential career:

- Applications architect
- Business analyst
- Information technology analyst

#### Skills you will be developing:

- Managing information technology projects in relation to project scope, time, cost, quality, communications and risk management
- Participating in teams concerned with planning and evaluation functions
- Analysing requirements and devising solutions to technical problems or management issues
- Holding discussions on quality issues with development staff and establishing agreed actions

#### Qualification Structure

9 Core units & 12 Elective units. (Total 21 units)

TERM	SUBJECT NAME
01	+ Business Requirements Specification + Database Design + Data Modelling
02	+ Evaluate and Communicate Business Requirements + Rapid Application Development
03	+ Develop and Deploy Object Orientated Applications + Contribute to Organisational Privacy and Contingency Plans
04	+ Project Management + Integrate IT Security and Sustainability to Project Specification



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# ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY BUSINESS ANALYSIS

This qualification provides the skills and knowledge for an individual to be competent in business analysis in an information and communications technology (ICT) environment, either as an independent ICT specialist or as team leader. Individuals who complete this qualification will be competent to analyse, identify and coordinate relevant ICT business solutions to meet given organisational goals.

#### Potential career:

- ICT business manager
- ICT manager
- Project manager

#### Skills you will be developing:

- Developing plans
- Planning for controls and contingencies when designing ICT frameworks
- Managing group facilitation and presentation skills in relation to transferring and collecting information
- Reviewing strategy with security approved key stakeholders
- Having knowledge of current industry-accepted hardware and software products

#### Qualification Structure

9 Core units & 6 Elective units. (Total 15 units)

TERM	SUBJECT NAME
01	+ Maintain ICT Policy and Procedures + ICT Business Analysis
02	+ ICT Requirements Specification + Managing ICT Solutions
03	+ Change Management
04	+ ICT Project Management

