

# INFORMATION & DIGITAL TECHNOLOGY

## ICT10115 - Certificate I in Information, Digital Media and Technology



This course has been designed to meet the learning needs and interests of a wide range of students. It has a number of streams that can lead students through specialisations and provide the underpinning knowledge and skills for entry level career pathways in programming, networking and digital media.

This course is offered as a 1 year course in Year 10

**This course provides a pathway to** ICT30115 Certificate III in Information, Digital Media & Technology, ICT40115 - Certificate IV in Information Technology, ICT50115 - Diploma of Information Technology  
 Possible job roles include: Call Centre, Computer Operator, ICT Support/user, Web Developer, and Technical Support.

### Concepts:

The essential concepts developed in this IT course include:

- changing nature of IT
- problem solving methodology
- advanced features, functions and applications of software, hardware and integrated systems

### Skills:

The essential skills developed in this IT courses include:

- selecting appropriate tools/methods to achieve desired outcomes
- collecting, analysing and organising data and information
- thinking critically
- solving problems
- communicating ideas and information
- planning and organising activities
- working individually and with others
- applying and using technology and software packages
- evaluating evolving technologies
- Work independently and in teams.

### Goals:

Goals are statements of intended student outcomes. This course should enable students to:

- understand and apply IT concepts and principles
- adapt to the changing ways people share, use, develop and process IT in a rapidly evolving technological world
- communicate with a clear understanding of purpose and audience, using suitable terminology and appropriate mediums
- demonstrate an understanding of the appropriate ethical uses of IT and the implications for social, personal and ethical participation in the wider community and as members of a global society
- apply a range of project management methodologies to systematically plan, develop, implement, critically analyse and evaluate innovative solutions to problems
- use current industry practices to work safely and efficiently in a work environment
- work effectively as a member of a team by showing an understanding of individual role responsibilities and respecting the needs of group members
- think critically and demonstrate research and analytical skills.



*MySkills website*



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