

TECHNOLOGY - DIGITAL

TED 101

Digital technologies impact on every aspect of our lives and are vitally important to New Zealand's growth in the 21st century. Students in New Zealand need opportunities to develop knowledge and skills with digital technologies so they are equipped to respond to rapid changes in our society.

This Level 1 course will include learning in the following Digital Technology areas:

DIGITAL INFORMATION

The fundamental concepts of common software applications such as a wordprocessor, spreadsheet, database, desk top publishing.

Includes: Appropriate document layout, Formatting techniques and File management

DIGITAL MEDIA

Understand the purpose of digital media tools including but not restricted to:

Video production, Audio production, Layout and design, Graphics and images, Web development and design.

Be able to create and publish a quality digital media product using appropriate media tools.

PROGRAMMING AND COMPUTER SCIENCE

Understand and use the Programming Language concepts of high level languages, interpretation and compilation, and the idea that programming languages are precise. This may include game making using Scratch.

Assessment will include both internal and external Achievement Standards chosen from the following and Unit Standards

INTERNAL ASSESSMENT

Achievement Standard	Title	Credits
AS 1.41	Implement basic procedures to produce a specified digital information outcome	4 credits
AS 1.42	Demonstrate understanding of basic concepts of digital media	3 credits
AS 1.43	Implement basic procedures to produce a specified digital media outcome	4 credits
Unit Standard		
18739	Create and use simple command sequences in a computer language	2 credits

EXTERNAL ASSESSMENT

Achievement Standard	Title	Credits
AS 1.40	Demonstrate understanding of basic concepts of information management	3 credits

Note The Programme may alter depending on resource availability.

Suggested pre-requisites : **Preferably Year 10 TED**

Suggested further study : **TED 201**

Course costs : **\$15 for consumables**

Contact persons : **Mrs D Buckner/Mrs V Rewcastle/
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