

COURSE OUTLINE 2015

Subject and Level:

Digital Technology – NCEA Level 3

Course Prerequisites:

Academic Requirements: Study at Level 2 in Digital Technology is strongly recommended. Students without prior learning in Digital Technology **must discuss course intentions** with TIC/HoD.

Aims:

This course is based on the New Zealand Technology Curriculum with a focus on Digital Technology. The aim of technology education is to develop in students a broad technological literacy that will allow them to participate in society as informed citizens. This will be achieved through students:

- Understanding complex concepts of information systems
- Describing the use of interactive media software
- Understanding differences in technological designs by undertaking comparisons and a critique process
- Producing quality outcomes from a variety of digital media

Course Content:

This course of Digital Technology builds on understandings developed at Level 2 to further develop a design process and use informed planning to guide them through the technological process. This will include complex design and problem solving, integration of digital media and social media, research, evaluation and production. Students will be required to develop original content & designs using editing software ie Photoshop, capture their own video & still images, movie creation & editing, animation integration, compose original audio, extensive use of internet/YouTube etc.

Assessment:

Assessment will be a combination of both internal and external Achievement Standards (or Unit Standards) - **(a student one-on-one consultation will be undertaken for the best assessment pathway for them)**. Evidence for the **External Achievement Standard** will be presented as a separate report and is externally marked. There is **no end of year exam**. Assessment in the Technology Department will be consistent with the school wide assessment policy including opportunities for further resubmissions/reassessments.

Where can this take you?

- IT and media, graphic design and advertising, marketing, communications, etc
- Tertiary Studies including: University, Polytechnic, Yoobee Design etc
- General proficiency in computer use is always marketable and is currently in very high demand.

Appeal procedures:

The Technology Department follows the approved LPHS Assessment Appeals procedure.

Contact for further inquiries:

Assistant HoD & Teacher responsible for DGT – Mrs S Whipp stw@lphs.school.nz

Students wanting to be assessed in more than one technology course must see the HOD Technology before finalizing courses. HOD – Mr A Parsons arp@lphs.school.nz

Assessment chart:

AS/US No	Standard Title	Credits	Internal / External	Format	Indicative Date
A/S 91634 Version 2	Demonstrate understanding of complex concepts of digital media	4	Internal	Portfolio of evidence from investigating two digital media	Term 1
A/S 91635 Version 2	Implement complex procedures to produce a specified digital media outcome	4	Internal	Produce a digital media of student choice. Media types include: text, video/audio, graphics, animation or still images	Term 2
A/S 91633 Version 2	Implement complex procedures to develop a relational database embedded in a specified digital outcome	6	Internal	Design and create database for organisations such as sports club, school team – student choice	Term 2/3
A/S 91617 Version 2	Undertake a critique of a technological outcome's design	4	External	Digital report addressing good/bad design comparisons of a product (student choice of a product eg mobile phones)	Term 3/4
There is the flexibility in the course outline to choose another pathway in DGT eg <i>a combination</i> of Achievement and Unit Standards. There is room to negotiate an individual programme of learning. See Mrs Whipp for further information.					
U/S 25661 Version 2	Design and assemble an interactive media product without scripting	3	Internal (Pick a Path Option)	Movie Making – video and sound PowerPoint – hyperlinked info Website Design (Student choice of media platform)	Term
U/S 2789 Version 7	Produce Desktop Published documents for organization use	6	Internal (Pick a Path Option)	Investigate marketing strategies of businesses, produce promotional material and plan/produce/evaluate documentation	Term
U/S 5968 Version 7	Discuss the social implication of Information Technology	3	Internal (Pick a Path Option)	Digital report discussing the past impact and future implications of Information Technology on various aspects of society	Term
US 5947 Version 7	Use computer technology to solve a specified problem	3	Internal (Pick a Path Option)	Using MS Access, solve a problem for a local business	Term