

DIGITAL TECHNOLOGIES

Elective subject

Digital
Innovation

Head of Department: Michaela Hoy

Course Outline

Students undertaking this course will explore the use of a variety of technological concepts and software. They will engage in programs such as App Development software and the game design and development software Unity. They will also develop ICT skills for everyday use and produce working projects. Computer Education will give students lifelong skills to survive in a rapidly advancing technological world.

Pathways

Year 10 Digital Solutions, Year 10 Information and Communication Technology

Structure

Areas of study	Core topics
APP development	<ul style="list-style-type: none">Investigate correct APP design techniques and processes which will lead to APP creation using Unity
Social and ethical issues	<ul style="list-style-type: none">Investigate game addiction
Game design and development	<ul style="list-style-type: none">Investigate correct game design in order to create and evaluate a game using Unity

Assessment

- Individual Projects
- Game Development
- Writing (Extended)

Specialist Equipment Required

Please refer to the Required Resources and Texts located at www.miamishs.eq.edu.au

Students are required to be a part of the BYOD program

Additional Costs

Please refer to the Fee Schedule located at www.miamishs.eq.edu.au

Nil unless excursions are arranged

