Digital Technologies	Years	Subject Code	OP	QCE Credits	VET	Prerequisites
	10		N/A	Nil	Nil	Nil

Head of Department: Mr Philip McLennan

Course Outline:

Digital Technologies is a Year 10 subject designed for those students who wish to develop their IT skills. Digital Technologies is ideal as a stand-alone subject or as a lead in to Senior Information Processing Technology (IPT), Information Technology Systems (ITN) and Information Communication Technology - Hardware (ICJ,) and Vocational Education and Training (VET) subject, Certificate II in Information, Digital Media and Technology (VDT).

Ideally, students have completed the Year 9 Digital Technologies course, though this is not a requirement. Digital Technologies is studied over two semesters. Each semester is discrete – students are able to enter or leave the subject at the beginning of either semester.

Assessment Outline:

Assessment is criteria based. All assessment items, both written and practical, will be reported as levels of achievement ranging from A to E. Students will be assessed using a variety of instruments including:
- Extended Essays
- Practical Exercises
- Projects

During the completion of this course, students will explore:
- Animation using Adobe Flash
- Website creation using the Adobe Design suite – MUSE
- Digital electronics - Arduino
- Principles of effective website design
- Manipulation and creation of web graphics
- Databases using Microsoft Access
- Object orientated programing – Visual Studio

Costs:

There are no additional costs involved in this course. Students, through their text hire fee, have access to the internet, email facilities, required texts, software and hardware. It is an advantage for a student to have access to a computer, either through the BSHS Laptop Program or at home with the course software installed, though it is not a requirement. Students can satisfactorily complete the course without full IT access at home.

Student Requirements:

There are no prerequisites for students wishing to enrol in Information & Communication Technologies. However, a good pass in English and Maths, and an ability to communicate well are desirable.

Students will need to provide:

There are no specific equipment/stationery requirements, though USB Memory Sticks will be advantageous for backing up work.