



Course Outline

SUBJECT: TECHNOLOGY (MANDATORY) - TM

YEAR: 7

COURSE DESCRIPTION



Technology (Mandatory) in years 7 & 8 is a compulsory subject for all students.

The course enables students to develop a way of thinking and doing to create quality solutions to everyday problems, opportunities and needs. Students work through a design process to develop and realise ideas, manage resources and processes, and evaluate technology and design including social and environmental consequences.

In this course students undertake 4 design projects over the two years. Design-related content is the basis of a student's progression of learning through the course and must be addressed in each design project. To ensure a breadth of technological experience students use at least six different technologies by the end of the course to develop design projects.

COURSE DURATION



The duration of each project is 6 months (2 Terms).

Different projects will be delivered by different teachers.

At the beginning of Term 3, students will move to another specialised area and begin a new design project with a different teacher.

Students are required to identify on their timetable in red pen, theory, practical and demonstration lessons pointed out by their teacher. This will enable students to come prepared to class and improve their organisational skills.

PROJECT WORK



Design projects consist of two components: a quality solution and a design folio.

1. Quality Solution (Item)

The design solution is the result of practical activities (practical project) as students work through a design process. Technology (Mandatory) involves students in designing, producing and evaluating quality solutions that are functional and meet identified needs or opportunities

2. Design Folio

The design folio is a document that provides ongoing evidence of the application of a design process and the specific technologies use in the project. It addresses the requirements of the project and should be presented in a clever and creative way. In year 7 it is expected that the Design Folio be presented in a black A4 display folder. In year 8, students will be expected to document their Design Folio electronically.

PROJECT MANAGEMENT



Organisation and preparedness are vital in ensuring that students produce quality project work.

Devising a time management plan will assist students in successfully completing their design projects.

Additionally, working in collaboration with other students will promote and enhance student knowledge and skills throughout project work.

ASSESSMENT TASKS



Assessment occurs as an integral part of teaching and learning.

It is the process of gathering information and making judgments about student achievement for a variety of purposes.

With each assessment task, students will receive written information about what the students will be assessed on and how they will be assessed (Marking Criteria).

Students will receive feedback in verbal and written form from their teacher, and where possible, peer and self-reflections will be encouraged.

Assessment Tasks	Weighting	Due Date
1. Workbook -theory component / course work	10%	Semester-1, Week 1, Term 2 Semester-2, Week 1, Term 4
2. Written Test -in-class common test	20%	Semester-1 Week 4, Term 2 Semester-2, Week 4, Term 4
3. Design Folio -evidence of the application of a design process / the specific technologies used	30%	Semester-1 Week 5, Term 2 Semester-2 Week 6, Term 4
4. Quality Solution -Item or product	40%	Semester-1 Week 5, Term 2 Semester-2 Week 6 Term 4

HOMWORK PLAN



Homework encourages students to work alone and get into a good routine while improving their organisational skills.

Students are encouraged to use their school diary as a reminder and ask their teacher for assistance, if required, prior to its due date.

A Homework Plan related to the current project is included in the workbook. Homework will be due each fortnight throughout the term.

It is important that students have a go and hand their homework in every time. Homework is a part of a student's assessment.

Teachers will provide written and verbal feedback to students.

Unexplained late submission of homework will not be assessed.

EQUIPMENT/MATERIALS



- The TM workbook will be provided to students by the school. Students are required to bring this book to every lesson. If a student misplaces their workbook, they will be required to purchase another book for \$10.
- Students are required to purchase:
 - an A4 Black display folder (this is for submitting the design folio).
 - Drawing tools (Ruler, lead pencils, eraser, black and red fine artline pen)
 - Additional materials – as requested by teachers in each project

PARENT SIGNATURE



All parents and schools want the best for their children.

Research demonstrates that a high level of parental involvement is strongly related to improved student learning, attendance and behaviour. At HHHS we welcome parent/school collaboration and would encourage all parents to read the Technology-Mandatory (TM) course structure to see what the students will be doing throughout the course.

Parent signature _____ Date _____