

Course: **INDUSTRIAL TECHNOLOGY - TIMBER**



2 Units for each of Preliminary and HSC Board Developed Course

Exclusions: Cannot be studied with Industrial Technology Multimedia.

Course Description:

Industrial Technology (Stage 6) consists of project work and Industry study that develop a broad range of skills and knowledge related to the focus area chosen. It also introduces students to a range of industrial processes and practices. The course allocates considerable time to the development of practical skills and knowledge in the chosen focus area through the making of practical projects. The construction of a major project in Year 12 contributes 60% of HSC marks in this course.

The Focus Area is: **Timber Products and Furniture Technologies.**

Note: Students can only study one (1) of the above courses.

Main Topics Covered:

Preliminary Course

The following sections are taught in relation to the relevant focus area:

- Industry Study – structural, technical, environmental and sociological, personnel, Occupational Health and Safety
- Design and Management – designing, drawing, computer applications, project management.
- Workplace Communication – literacy, calculations, graphics.
- Industry Specific Content and Production

HSC Course

The following sections are taught in relation to the relevant focus area through the development of a Major project and a study of the relevant industry:

- Industry Study
- Design, Management and Communication
- Production
- Industry related manufacturing technology

Particular Course Requirements:

Preliminary course – students must design, develop and construct a number of projects (at least one group project). Each project must include a management folio. Students also undertake the study of an individual business within the industry.

HSC course – students must design, develop and construct a major project with a management folio. They also undertake a study of the overall industry related to the specific focus area.

Assessment: HSC course only

External Examination	Mark	Internal Assessment	Weighting
A written examination in three parts: <ul style="list-style-type: none">• Section I Industry Related Manufacturing Technology Objective response questions specific to each industry focus area• Section II Industry Related Manufacturing Technology Short-answer questions specific to each industry focus area• Section III Industry Study Candidates answer one structured extended response question	10 15 15	<ul style="list-style-type: none">• Knowledge and understanding of the organisation and management of, and manufacturing processes and techniques used by, the focus area• Knowledge, skills and understanding in designing, managing, problem-solving, communicating and the safe use of manufacturing processes and techniques through the design and production of a quality Major Project	40% 60%
Major Project	60		
Total	100	Total	100%