

MATERIALS AND TECHNOLOGIES SPECIALISATION

INDUSTRIAL TECHNOLOGY FURNISHING

STATUS:	ELECTIVE SUBJECT
COURSE OVERVIEW	Industrial Technology Furnishing provides practical experience for students pursuing either a vocational or professional career in the construction and furnishing industry. It provides a sound basis for vocational studies such as Certificate I Furnishing or similar pre-vocational courses.
COURSE OUTLINE:	<p>Students study timber, timber products (plywood, hardboards and particle boards), along with appropriate woodworking and other construction methods. As well as learning to use hand and power tools, students will also learn how to operate plant and equipment and a variety of machines used in the Furnishing industry. Opportunities to use hand and power tools, operate plant and equipment and a variety of machines used within the industry are also given.</p> <p>Students learn about various construction and assembly methods used by the Furnishing Industry. This includes the safe handling of timber materials, storage of paints, varnishes and construction equipment. Practical work is supplemented by the study of underlying principles of tools and equipment, fastening methods and the properties and characteristics of materials.</p> <p>Opportunities to integrate new technologies will be offered to students throughout the course.</p> <div> <div> <p>Term 1 – Basic Construction OH&S Theory Timber project – Mantle clock</p> <p>Term 2 – Dovetail Box (Project) Hand and Power Tools (Theory)</p> </div> <div> <p>Term 3 – Surf Hand Plane and Timber Stool (Both Project and Theory)</p> <p>Term 4 – Furniture Construction Picture frame (Project) Design Folio</p> </div> </div>
COURSE ASSESSMENT:	Students will be assessed through a variety of assessment methods. These will include practical projects, student workbooks, theory tests and assignment. Students will be required to perform online assessment.
STUDY REQUIREMENTS:	<p>Approximately 2 hours per week.</p> <p>This subject requires a commitment by students to complete all tasks to a satisfactory standard to continue with Furnishings in years 11 & 12.</p> <p>Research of safety induction of tools and equipment and completion of online "On-Guard" Software.</p> <p>Completion of all workshop projects and theory within the nominated timelines.</p> <p>Attendance at tutorials as and when required.</p>
SPECIAL REQUIREMENT:	<p>Due to OH&S requirements ALL students participating in this subject are required to wear enclosed leather upper shoes, safety aprons, and safety glasses at all times. Long hair MUST be restrained.</p> <p>Note: Students undergo a routine safety program and throughout the course will be instructed in various safety procedures.</p> <p>Students MUST comply with all safety requirements and procedures to remain in this subject.</p>
POSSIBLE CAREER PATHWAYS:	Leads to trades in Furnishing and Engineering Industry such as Cabinet Maker, Shop Fitter, Furniture Maker, Carpenter, Electrician, Concreter, Brick Layer, Painter, Tiler, Plumber and Plaster etc.
PARENT/CARER SUPPORT:	Monitor completion of key assessment.