

## Industrial Technology - Timber

### What is this subject about?

The Timber Technology course is for all students who enjoy working with their hands. Elective Timber Technology will provide students with many new skills that will form the basis for the creation of projects that will give great satisfaction and pleasure.

Some of the practical projects undertaken in this course include small ornate boxes, serving platters and design projects. The final task is a furniture project. Students choose from a selection of designs, which they modify to suit their various needs and styles. Some of the skills students will develop include using handheld and portable power tools, learning how to measure, prepare and join timber, draw (in both free hand and on the computer using CAD software), reading and interpreting plans and instructions, researching, designing and evaluating.

### Why study this subject?

This hands-on, practical based course is one that will allow both male and female students to be creative in the design and manufacture of timber products. Students study this course to gain valuable skills in reading and interpreting plans, using cutting lists, following instructions, designing products and developing plans for the construction of various items. These skills will benefit students in building, construction, design and manufacturing type industries; as well as making them very handy around the home! Students who have an eye for design and enjoy working with their hands will find this course very satisfying.

### Learning experiences

The Timber Technology subject is workshop-based giving a “hands on” experience in a variety of traditional and contemporary technologies. The course is approximately 70% practical and 30% theoretical and aims to develop basic skills necessary for future vocation or recreation.

Students will learn by doing. Under the guidance of a teacher, students will use a range of tools to build timber products. Students will also learn about career paths in the timber industry, read and interpret material lists and prepare reports using appropriate software and hardware. Students will learn to develop plans using Computer Aided Drawing software and use creativity in designing and making. Students will be using the Laser Cutter/Engraver to enhance the design work being undertaken with the projects.

No prior timber experience is required for this course. All students are taught to use the equipment they need for their projects. Students who enter the course with substantial skills are given work appropriate to their heightened ability. All ability levels are catered for in this course.

There is no requirement for a household to own any tools when a student undertakes this course. All work is completed in the classroom.