INDUSTRIAL TECHNOLOGY – TIMBER & METAL

Industrial Technology may be studied as a 100-hour course (Year 9 or Year 10) or as a 200-hour (Years 9 and 10) course in Stage 5.

Course Description

Industrial Technology develops students' knowledge and understanding of materials and processes in a range of technologies. They develop knowledge and skills relating to the selection, use and application of materials, tools, machines and processes through the planning and production of quality practical projects.

Students may study the areas based on a range of technologies of industrial and domestic significance.

What will students learn about?

All students will learn about the properties and applications of materials associated with their chosen area of study. They will study the range of tools, machines and processes available in both industrial and domestic settings for working with selected materials. Students will learn about safe practices for practical work environments, including risk identification and minimization strategies. They will also learn about design and designing including the communication of ideas and processes.

What will students learn to do?

The **major emphasis** of the Industrial Technology syllabus is on students actively **planning** and **constructing quality practical projects**. Students will learn to select and use a range of materials for individual projects. They will learn to competently and safely use a range of hand tools, power tools and machines to assist in the construction of projects. They will also learn to produce drawings and written reports to develop and communicate ideas and information relating to projects.

Record of School Achievement (RoSA)

Satisfactory completion of 100 or 200 hours of study in Industrial Technology during Stage 5 (Years 9 and/or 10) will be recorded with a grade on the student's NESA Record of School Achievement.