

Subject name **Engineering Skills Design and Technologies**

Subject code EDT

Additional subject cost A \$55 consumables fee in Year 9 and \$50 in Semester 1 Year 10

Prerequisites Nil

Course overview To introduce students to practical skills and associated theory involved in:

- sheet metalwork
- fitting and fabrication
- metal turning
- art metalwork

Course outline

Integrated with the areas of study listed above are:

- safety
- workshop graphics
- project planning and design
- surface finishing

Examples of projects completed in this subject are:

- candelabra – art metal work
- shelf bracket
- carryall/toolbox
- copper work
- hacksaw

Assessment A range of projects, workshop theory, graphics folio and practical exams.

Subject requirements Students are expected to adhere to all safety requirements. Shoes with leather uppers (school formal shoes), safety glasses and ear plugs are required at all times for safety reasons. The textbook office sells recommended equipment. Students are required to purchase 1H and 2H pencils and an eraser.

BYOD program Please refer to the 'Bring Your Own Device (BYOD) booklet for the minimum specifications required before purchasing a device.

Career opportunities

- building trades
- instrument fitter
- metal trades
- motor trades
- plumber
- spare parts salesperson
- technician