



DESIGN TECHNOLOGY

Students will design, fabricate and test ideas that use new technology.

Students use Computer Aided Manufacturing (CAM) and learn the fundamentals of hydraulics and electronics. Students also have the opportunity to create and participate in a Catapult Challenge.

Design Technology will prepare students to undertake the study of Design in Year 11 and 12 and also supports learning in Physics.



INDUSTRIAL TECHNOLOGY

Students build workplace skills and test their design thinking process in Industrial Technology. This subject provides the opportunity to create solutions through design using Computer Aided Drafting (CAD) and Computer Aided Manufacturing (CAM) and then utilise a range of materials, tools, machines and processes to produce quality outcomes. Students undertaking this course may be considering the Trade Training Centre as part of their Senior Learning Pathway.

Woodwork

In Woodwork, students work on traditional furnishing projects. Students gain a good understanding of woodworking joints and technical drawings.

Metalwork

In Metalwork, students will be introduced to metals engineering trade skills. They will be working in the Trade Training Centre to complete a training journal to record the skills they have learned, where they are up to with their project and what they will be doing for the next step. They will also have the opportunity to try welding, machining and the use of hand tools to complete a project.