



## TECHNOLOGY - GRAPHICS & DESIGN (GRD)

**USER PAY FEES:** Nil.

### SUBJECT INFORMATION

This course provides an opportunity for students to gain an understanding of graphical communication across a broad spectrum of applications. It develops real life skills for visualising, investigating, analysing, synthesizing and evaluating technical problems.

#### COURSE OVERVIEW

- Graphic design
- Building environment
- Industrial Graphics
- Production Graphics

#### Assessment Techniques

Assessment is an integral part of the Graphics program and is designed to enable students to demonstrate a broad range of achievement. Assessment Techniques consisting of:

- Class tests
- Research assignments

## TECHNOLOGY - DIGITAL TECHNOLOGIES (DGT)

**USER PAY FEES:** Nil.

**ADDITIONAL COSTS:** Students will require \$5 print balance.

### SUBJECT INFORMATION

Digital Technologies provides opportunities for students who have a special interest in higher-level computing. During the first term, students will study website design and development, where they will create a range of websites.

### SPECIAL FEATURES OF THE COURSE

- Website design using current programming languages
- Game design and development

#### COURSE OVERVIEW

- HTML & CSS website design
- Game programming using GameMaker

#### Assessment Techniques

- Projects

## TECHNOLOGY - METAL ENGINEERING (TME)

**USER PAY FEES:** \$30 approx. - this fee is for the construction of a project such as: sliding bevel, bottle opener, design job cannon shelving, carry all, patio dustpan, lathe turning or similar.

### SUBJECT INFORMATION

This course provides students with opportunity to develop a knowledge and appreciation of Engineering materials, equipment, processes and work methods relating to an Industrial Technology workshop environment. Design and problem solving activities are integral components of the course.

COURSE OVERVIEW	
<ul style="list-style-type: none"> <li>• Safety and workshop technology</li> <li>• Project planning</li> <li>• Sheet metal working</li> <li>• Fitting and fabrication</li> <li>• Machining</li> </ul>	
<p><b>Assessment Techniques</b></p> <ul style="list-style-type: none"> <li>• Project Construction</li> <li>• Related Technology Planning and Design Tasks</li> </ul>	<p><b>Workplace Health &amp; Safety</b></p> <ul style="list-style-type: none"> <li>• Due to workshop safety requirements students must wear suitable footwear and use of school personal protective equipment in accordance with Workplace Health and Safety legislation</li> <li>• Students who continue to display safety breaches may be removed from the course of study</li> </ul>



## TECHNOLOGY - WOOD MANUFACTURING (TWM)

**USER PAY FEES:** \$45 approx. - this fee is for the construction of a project for example: clock, iPod dock station.

### SUBJECT INFORMATION

This course provides students with opportunity to develop a knowledge and appreciation of construction and furnishing materials, equipment, processes and work methods relating to an Industrial Technology workshop environment. Design and problem solving activities are integral components of the course.

COURSE OVERVIEW	
<ul style="list-style-type: none"> <li>• Safety and workshop technology</li> <li>• Woodworking – project construction</li> <li>• Wood machining – project construction</li> <li>• Plastics – project construction</li> <li>• Computer Numerical Control machining (optional)</li> </ul>	
<p><b>Assessment Techniques</b></p> <ul style="list-style-type: none"> <li>• Project Construction</li> <li>• Related Technology Planning and Design Tasks</li> </ul>	<p><b>Workplace Health &amp; Safety</b></p> <ul style="list-style-type: none"> <li>• Due to workshop safety requirements students must wear suitable footwear and use of school personal protective equipment in accordance with Workplace Health and Safety legislation</li> <li>• Students who continue to display safety breaches may be removed from the course of study</li> </ul>