Subject name  Electronics – Industrial Technology Electronics
Contact person  Ms Meg Quinn & Mr Robert Gartner

Board Developed Course

Course description  Electronics is a practical course with a theoretical component. Students develop skills in planning and constructing electronic projects. Students learn both skills and knowledge through a series of set useful practical projects. The provision for self-directed projects exists after the basic skills and projects are completed.

Course structure  To satisfy the requirements of the syllabus, students must undertake a range of practical experiences that occupy the majority of course time. Practical experiences will be used to develop knowledge and understanding of and skills in designing, producing and evaluating.

Assessment summary  Assessments will take a variety of forms including: written, oral, practical, ICT and investigative research.

Fees  $60.00 - This fee is compulsory. Upon enrolling in this course, you and your parent(s) acknowledge that the financial responsibility of paying is required and needs to be met by the end of Term 1.
### Subject name
Engineering Studies - Industrial Technology Engineering Studies

### Contact person
Ms Meg Quinn & Mr Robert Gartner

### Board Developed Course

#### Course description
Engineering provides opportunities for students to develop knowledge, understanding and skills in relation to the engineering and associated industries. These are enhanced through further study in control systems and alternative energy.

#### Course structure
This is a practical based course where students' activities may include:
- Small structures
- Small vehicles
- A range of devices, appliances, and mechanisms
- Robotics projects
- Electronic systems

#### Assessment summary
Assessments will take a variety of forms including: written, oral, practical, ICT and investigative research.

#### Fees
$60.00 - This fee is compulsory. Upon enrolling in this course, you and your parent(s) acknowledge that the financial responsibility of paying is required and needs to be met by the end of Term 1.
Subject name: Design & Technology using mixed materials  
Metal, wood, ceramics, glass and plastics

Contact person: Ms Meg Quinn & Mr Robert Gartner

Board Developed Course

Course description: Mixed Materials is a course that places the emphasis on the acquisition of skills and knowledge in a variety of workshop situations. Throughout the course, students make practical projects using a variety of materials and processes including wood-turning, cabinetwork, welding, sheet metal work, metal turning and ceramics. During Semester 2, Year 10, the opportunity exists to develop and make a major project of your own choice utilising the above materials and processes.

Course structure: To satisfy the requirements of the syllabus, students must undertake a range of practical experiences that occupy the majority of course time. Practical experiences will be used to develop knowledge and understanding of and skills in designing, producing and evaluating.

Assessment summary: Assessments will take a variety of forms including: written, oral, practical, ICT and investigative research.

Fees: $60.00 - This fee is compulsory. Upon enrolling in this course, you and your parent(s) acknowledge that the financial responsibility of paying is required and needs to be met by the end of Term 1.
Subject name: Woodwork - Industrial technology timber

Contact person: Ms Meg Quinn & Mr Robert Gartner

Board Developed Course

Course description: Wood Techniques is a practical course with an emphasis placed on the acquisition of skills and knowledge of tools, materials, processes and machines. Planning, managing, quality of workmanship and safe working practices are skills that are developed in these subjects, skills that are useful in a variety of settings. Woodwork provides students with a high degree of personal satisfaction through independent learning and completing useful practical projects using cabinet making and wood machining processes.

Course structure: To satisfy the requirements of the syllabus, students must undertake a range of practical experiences that occupy the majority of course time. Practical experiences will be used to develop knowledge and understanding of and skills in designing, producing and evaluating.

Assessment summary: Assessments will take a variety of forms including: written, oral, practical, ICT and investigative research.

Fees: $60.00 - This fee is compulsory. Upon enrolling in this course, you and your parent(s) acknowledge that the financial responsibility of paying is required and needs to be met by the end of Term 1.
<table>
<thead>
<tr>
<th>Subject name</th>
<th>Technical Drawing - Industrial Technology Graphics</th>
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<td>Contact person</td>
<td>Ms Meg Quinn &amp; Mr Robert Gartner</td>
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**Board Developed Course**

**Course description**

Graphics Technology is a subject that develops skills in graphical and technical communication. Students will develop skills in a diverse range of drawing types including graphic illustration, architectural drawing, landscape architecture, engineering drawing, product concept design and illustration and CAD (computer assisted drawing) software. Graphic illustration techniques using multimedia are developed.

**Course structure**

To satisfy the requirements of the syllabus, students must undertake a range of practical experiences that occupy the majority of course time. Practical experiences will be used to develop knowledge and understanding of and skills in designing, producing and evaluating.

**Assessment summary**

Assessments will take a variety of forms including: written, oral, practical, ICT and investigative research.

**Fees**

$60.00 - This fee is compulsory. Upon enrolling in this course, you and your parent(s) acknowledge that the financial responsibility of paying is required and needs to be met by the end of Term 1.
<table>
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<tr>
<th>Subject name</th>
<th>Information &amp; Software Technology</th>
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<td>Contact person</td>
<td>Ms Meg Quinn &amp; Mr Robert Gartner</td>
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**Board Developed Course**

**Course description**

This is a practical based course involving tasks, performed over a range of computing projects where students use a wide range of hardware and software, to develop full working solutions. They will use a variety of technologies to create, modify and produce products in a range of media formats.

The topics to be studied within this course include; Artificial Intelligence, Simulation and Modelling, Authoring and Multimedia, Internet and Website Development, Software Development and Programming, Robotics and Automated Systems.

**Course structure**

To satisfy the requirements of the syllabus, students must undertake a range of practical experiences that occupy the majority of course time. Practical experiences will be used to develop knowledge and understanding of and skills in designing, producing and evaluating.

**Assessment summary**

Assessments will take a variety of forms including: written, oral, practical, ICT and investigative research.

**Fees**

$15.00 - This fee is compulsory. Upon enrolling in this course, you and your parent(s) acknowledge that the financial responsibility of paying is required and needs to be met by the end of Term 1.
Subject name: Artistic Jewellery & Accessories

Contact person: Ms Meg Quinn & Mr Robert Gartner

Board Endorsed Course

Course description: Jewellery making is a practical course where students design and make a range of jewellery items using a large variety of techniques and materials. The emphasis is placed on the development of skills and the use of materials, processes and machines. During the course students are able to specialise in different mediums e.g. Glass, metal, silver, enamel, resin, wood, etc.

Course structure: To satisfy the requirements of the syllabus, students must undertake a range of practical experiences that occupy the majority of course time. Practical experiences will be used to develop knowledge and understanding of and skills in designing, producing and evaluating.

Assessment summary: Assessments will take a variety of forms including: written, oral, practical, ICT and investigative research.

Fees: $60.00 - This fee is compulsory. Upon enrolling in this course, you and your parent(s) acknowledge that the financial responsibility of paying is required and needs to be met by the end of Term 1.
Subject name: Textile Technology

Contact person: Ms Meg Quinn

Board Developed Course

Course description: Textiles technology in year 9 and 10 aims to assist all students of diverse ability to acquire skills in:

- Designing
- Expression of creativity
- Practical application
- Management
- Problem solving
- Decision making

This course gives students a wide range of hands on experiences when working with textiles. Students will work within the focus areas of:

- Apparel – which can include clothing, belts, hats, etc
- Furnishings – which can include cushions, bed linen quilt covers table linen, etc.
- Costume – which can include theatre or dance costume, etc.
- Textile arts - which can include wall hangings, embroidery, fabric based artworks, etc
- Non-apparel - which can include book covers, bags, umbrellas, etc

Each of these focus areas are linked to the three main components of this course, which are:

- Design
- Properties and performance
- Textiles and society

Course structure:

Students will have the opportunity to become proficient and confident in using the sewing machine, learn how to use commercial patterns, design and print their own fabric and construct garments, as well as working with a variety of fabrics, tools, technologies and construction techniques throughout their projects. Fashion drawing is also a component of this course.

Some of the units of work covered by students crafty interiors (cushion), pyjama people (pyjamas), colour your cloth (children’s clothing), recycle garment (recycling clothing).

Students will work on projects throughout their course and their work is folio based.

Students are expected to supply some of their own practical material for projects, although the school supplies certain basic items.

The fee covers the basic textile items e.g. sewing machine needles, dyes etc.

Assessment summary: Assessments will take a variety of forms including: written, oral, practical, ICT and investigative research.

Fees: $35.00 - This fee is compulsory. Upon enrolling in this course, you and your parent(s) acknowledge that the financial responsibility of paying is required and needs to be met by the end of Term 1.