Information covered tonight...

- Timetable structure in Yr 10 in 2014
- Compulsory subjects
- Elective subjects
- Engineering Excellence Program
- Future Pathways
- How to pick subjects
- Q & A
Year 10 in 2014

- Students will move from a structure where they have sampled a range of subjects across faculties to a model where they begin to narrow their focus of chosen electives.

- This will allow students to begin the process of tailoring their learning experience to meet their own individual learning and career goals.

- Students have already begun the planning process.

---

Year 10 in 2014

- QUT courses and careers excursion

- Review of subject achievement results from Semester 1

- Goal setting

- Careers investigation and planning

- Subject information presentations from Leaders of Learning

- SET Plan interviews in 2014
# Year 10 Timetable 2014

## Core Subjects

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lessons</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>2 (Sem 1)</td>
</tr>
<tr>
<td>Geography</td>
<td>2 (Sem 2)</td>
</tr>
<tr>
<td>HPE</td>
<td>1</td>
</tr>
<tr>
<td>Access / Assembly</td>
<td></td>
</tr>
</tbody>
</table>

## Elective Subjects

- Elective A (2 lessons)
- Elective B (2 lessons)
- Elective C (2 lessons)

## Electives

- Certificate I Hospitality
- Physical Education
- Visual Art
- Music
- FTV & New Media
- Dance
- Drama
- Graphics
- Technology Studies
- Engineering Technology
- Certificate I Furnishings
- Spanish
- Business Studies
- Information & Communication Technology
- Philosophy (Sem 2)
- Engineering Excellence Program*
Engineering Excellence Program

• Extension Maths and Science

• 2 lessons per week of Engineering related units including: electronics, biomechanics, product design, robotics, infomechatronics plus much more

• Entry by application

Future pathways

• All subjects are challenging and require 100% effort every day

• Subjects have been designed to feed into both tertiary and vocational pathways

• Students need to be selecting subjects now that they intend on studying in Years 11 & 12.
Senior Schooling and Beyond

- **University Pathways:**
  - Overall Position (OP)
  - What is an OP score?
  - How do I get a good OP score?
  - What subjects do I choose?
  - Queensland Core Skills test (QCS)

- **Vocational Pathways:**
  - Apprenticeships & Traineeships
  - Certificate courses
  - TAFE
  - Work
  - What subjects do I choose?

---

Year 9 into 10
Subject Selection
English and Humanities
Subjects:
• English
• History
• Geography
• Philosophy and Reason

English
• Year long course
• Compulsory
• Topics of study include:
  • Satirical texts
  • Poetry
  • Narrative (novel and short story)
  • Shakespeare
  • Film
English

• Assessment types include a variety of written, spoken, exams and assignments
  • Written analysis
  • Shorty story
  • Poetry oral presentation
  • Written film review
  • Response to stimulus exam

Future Pathways

• English in Years 11 and 12:
  • English (OP) – university courses e.g. Journalism, education, law
  • English Communication (Non-OP) – Tafe/work
History

- First semester
- Compulsory
- Year 10 program covers from 1918 to present
- Topics of study include:
  - World War II
  - Rights and freedoms
  - Popular culture

History

- Assessment types include a variety of written, spoken, exams and assignments
  - Short response exam
  - Essay response to stimulus exam
  - Multimodal research presentation
Geography
• Second semester
• Compulsory
• Topics of study include:
  • Geographies of human wellbeing
  • Environmental change and measurement
• Assessment includes:
  • Short response exam
  • Multimodal research presentation

Philosophy and Reason
• Elective subject
• Semester 2
• Topics of study include:
  • Debating
  • Logic
  • Moral philosophy
Philosophy and Reason

- Assessment includes:
  - Persuasive oral presentation
  - Written analysis
  - Multimodal research presentation

- Prerequisites:
  - Minimum B level of achievement in English and History

Future Pathways

- OP:
  - Ancient History
  - Modern History
  - Geography
  - Legal Studies
  - Philosophy and Reason
  - University courses e.g. education, arts, journalism
Humanities in Years 11 and 12

- Non-OP:
  - Social and Community Studies
  - Tourism
  - Tafe/work
Mathematics

CORE TOPIC
Pre-requisites: Nil
Two Semesters – ACARA Year 10 Content studied
Three lessons per week
Courses designed to prepare for Senior School Study

---

Mathematics

This course is designed to prepare students for:
• Prevocational Maths
• Mathematics A

Subject Options in Yr 11:
1. **Prevocational Maths (non OP)**
2. **Maths A (OP)**
3. Maths B (OP)
4. Maths B and Maths C (OP)
Mathematics Extension

CORE TOPIC
Pre-requisites: Minimum B in Mathematics (Year 9 Core)
Two Semesters – ACARA Year 10A Content studied
Three lessons per week
Courses designed to prepare for Senior School Study

Mathematics Extension

This course is designed to prepare students for:
• Mathematics B
• Mathematics B and C

Subject Options in Yr 11:
1. Prevocational Maths (non OP)
2. Maths A (OP)
3. Maths B (OP)
4. Maths B and Maths C (OP)
## Mathematics Topics

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pythagoras and Trigonometry</td>
<td>• Exam</td>
</tr>
<tr>
<td></td>
<td>Chance</td>
<td>• Assignment</td>
</tr>
<tr>
<td>2</td>
<td>Linear and Non-linear relationships</td>
<td>• Exam</td>
</tr>
<tr>
<td></td>
<td>Algebra</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Data</td>
<td>• Assignment</td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>• Exam</td>
</tr>
<tr>
<td>4</td>
<td>Finance</td>
<td>• Exam</td>
</tr>
<tr>
<td></td>
<td>Linear and Non-linear relationships</td>
<td></td>
</tr>
</tbody>
</table>

**Future Pathways:**

- **Mathematics**
  - Year 10 Maths
  - Vocational Maths
  - Work Placement/Work Placement
  - Senior Secondary
  - Post-school

- **Extension Mathematics**
  - Year 10A Maths
  - Maths A
  - Maths B
  - Maths C
  - University (Engineering, Design, Electronics, etc.)
Science

CORE TOPIC
Pre-requisites: Nil
Two Semesters – ACARA Year 10 Content studied
Three lessons per week
Courses designed to prepare for Senior School Study
## Science Topics

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Biology  &lt;br&gt; Genetics</td>
</tr>
<tr>
<td>2</td>
<td>Chemistry  &lt;br&gt; investigating reactions</td>
</tr>
<tr>
<td>3</td>
<td>Physics  &lt;br&gt; Forces, Motion and Energy</td>
</tr>
<tr>
<td>4</td>
<td>Big Ideas of Science  &lt;br&gt; Dynamic nature of the Earth  &lt;br&gt; Technical advances in science</td>
</tr>
</tbody>
</table>

## Science

- Science or Extension Science
  - Science in Practice (non OP)
  - Cert II in Sampling and Measurement
  - Biology (OP)
  - Chemistry (OP)
  - Physics (OP)
Science

Subject Options in Year 11:
1. Science in Practice (non OP)
2. Cert II in Data and Sampling (non OP)
3. Biology (OP)
4. Chemistry (OP)
5. Physics (OP)

LOTE – Languages other than English

SPANISH

In year 10, students will be given an opportunity to continue studying Spanish.
LOTE – Languages other than English

As we are increasingly influenced by a globalised viewpoint and as Spanish is the second most widely spoken language in the world, studying LOTE offers a variety of highly productive future pathways.

- University & University Research
- Education
- International Translation
- Tourism

### Senior Subject

- OP Subject
- OP Spanish

---

### ELECTIVE

**Pre-requisites:**
At least a C in Year 9 Spanish. Students who have had exposure to other 'Romance' languages will be accepted.

- Two lessons per week
- Courses designed to prepare for Senior School Study

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1</td>
<td>Around the Spanish world</td>
<td>Reading task</td>
</tr>
<tr>
<td></td>
<td>Travel &amp; directions</td>
<td></td>
</tr>
<tr>
<td>Unit 2</td>
<td>Communication with others</td>
<td>Listening task</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oral presentation</td>
</tr>
<tr>
<td>Unit 3</td>
<td>Future dreams</td>
<td>Letter writing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Speaking task</td>
</tr>
<tr>
<td>Unit 4</td>
<td>Social themes</td>
<td>Reading Test</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Promotion brochure</td>
</tr>
</tbody>
</table>
LOTE – Languages other than English

What you will need:
- An exercise book
- Writing material (e.g. pens, pencils, coloured pencils, sharpener, eraser)
- Diary
- Cultural activities may incur a small fee

Music
Music

ELECTIVE
Pre-requisites: Nil
Two Semesters
Two lessons per week
Courses designed to prepare for Senior School Study

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1</td>
<td>The Harmonies of Music</td>
<td>Composition Performance</td>
</tr>
<tr>
<td>Unit 2</td>
<td>Theme and Variations</td>
<td>Composition – Theme and variations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Analysis – Theme and variations</td>
</tr>
<tr>
<td>Unit 3</td>
<td>Jazz It Up</td>
<td>Performance – jazz improvisation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Analysis – Response</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Composition – 12 bar blues</td>
</tr>
</tbody>
</table>

What you will need:
- An exercise book
- Writing material (e.g: pens, pencils, coloured pencils, sharpener, eraser)
- Diary
- Subject fee $20
Music

Future Pathways:

**Possible Senior Subjects**
- OP Subject
- Non-OP
- OP Music
- SAS Music

**University**
- Bachelor Music
- Bachelor of Music Technology

**TAFE**
- Diploma of Music (Performance)
- Diploma of Music Industry (technical production)

**Career**
- Composer/arranger
- Performer
- Sound engineer
- Music teacher
- Musicologist
- Ethnomusicologist

Dance
Dance

ELECTIVE
Pre-requisites: ability to participate in all practical and theoretical components
Two Semesters
Two lessons per week
Courses designed to prepare for Senior School study

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1</td>
<td>Ritual Dance</td>
<td>• Performance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Choreography</td>
</tr>
<tr>
<td>Unit 2</td>
<td>Popular Dance</td>
<td>• Appreciation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Choreography</td>
</tr>
<tr>
<td>Unit 3</td>
<td>Contemporary</td>
<td>• Performance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Appreciation</td>
</tr>
<tr>
<td>Unit 4</td>
<td>Independent study</td>
<td>• Individual choreography</td>
</tr>
</tbody>
</table>

What you will need:
- Writing materials (e.g. pens, pencils, coloured pencils, sharpener, eraser)
- Diary
- Black tights or pants suitable for dance
- Sports shirt
- A4 ruled book
Dance

Future Pathways:

Possible Senior Subjects

<table>
<thead>
<tr>
<th>OP Subject</th>
<th>Non-OP</th>
</tr>
</thead>
<tbody>
<tr>
<td>OP Dance</td>
<td>SAS Dance</td>
</tr>
</tbody>
</table>

University
- Bachelor Fine Arts (Dance)
- Bachelor Fine Arts (Dance Performance)
- Bachelor of Creative Industries
- Bachelor of Creative Industries/Bachelor of Secondary Education

TAFE
- Certificate III Performing Arts

Career
- Performer, choreographer, teacher, private instructor, dance critic

Drama
Drama

ELECTIVE

Pre-requisite: need to be confident in front of audiences
Two Semesters

• Two lessons per week
• Courses designed to prepare for Senior School study

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1</td>
<td>Children’s Theatre</td>
<td>• Performance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Children’s theatre workshop</td>
</tr>
<tr>
<td>Unit 2</td>
<td>Physical Theatre</td>
<td>• Composition of own work</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Analysis of theatre/film</td>
</tr>
<tr>
<td>Unit 3</td>
<td>Collage/Documentary Drama</td>
<td>• Performance of ideas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Actor’s journal</td>
</tr>
<tr>
<td>Unit 4</td>
<td>Australian Gothic Theatre</td>
<td>• Script writing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Performance of published text</td>
</tr>
</tbody>
</table>

What you will need:

• Standard “stage blacks”- Black Shirt & Black long pants/leggings
• A4 exercise book.
• Display folder
• USB
• Diary
**Drama**

**Future Pathways:**

<table>
<thead>
<tr>
<th>Possible Senior Subjects</th>
<th>University</th>
<th>TAFE</th>
<th>Career</th>
</tr>
</thead>
<tbody>
<tr>
<td>OP Subject</td>
<td>Bachelor Performing Arts (Acting)</td>
<td>Certificate III Performing Arts</td>
<td>Free-lance artist</td>
</tr>
<tr>
<td>Non-OP</td>
<td>Bachelor of Creative Industries</td>
<td></td>
<td>Drama workshop facilitator</td>
</tr>
<tr>
<td>OP Drama</td>
<td>Bachelor of Creative Industries/Bachelor of Secondary Education Dramaturgy</td>
<td></td>
<td>Actor</td>
</tr>
</tbody>
</table>

**Possible Senior Subjects**

- OP Subject
- Non-OP
- OP Drama
- SAS Drama

**Visual Art**
Visual Art

ELECTIVE
Pre-requisites: Year 9 Visual Art is highly recommended
Two Semesters
Two lessons per week
Courses designed to prepare for Senior School study

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1</td>
<td>Portraiture</td>
<td>Practical folio</td>
</tr>
<tr>
<td>Unit 2</td>
<td>Pop Art</td>
<td>Practical task</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Theory task</td>
</tr>
<tr>
<td>Unit 3</td>
<td>Painting</td>
<td>Practical task</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Theory task</td>
</tr>
<tr>
<td>Unit 4</td>
<td>Our place, our world</td>
<td>Practical task</td>
</tr>
</tbody>
</table>

What you will need:
- It is expected that students have these materials:
- 2B and 4B pencils
- Eraser
- A4 visual art journal (110gsm cartridge paper)
- Watercolour pencils
- Subject fee $35 for resources and consumables

Murrumba State Secondary College
Visual Art

Future Pathways:

<table>
<thead>
<tr>
<th>Possible Senior Subjects</th>
<th>Non-OP</th>
</tr>
</thead>
<tbody>
<tr>
<td>OP Subject</td>
<td></td>
</tr>
<tr>
<td>OP Visual Art</td>
<td>SAS Art</td>
</tr>
</tbody>
</table>

University
- Bachelor Fine Art
- Bachelor of Graphic Design
- Bachelor of Photography
- Bachelor of Secondary Education (Visual Art)

TAFE
Technical art training

Career
- Graphic Designer
- Interior Designer
- Web Designer
- Sculptor

Media Arts
Media Arts

What is Media Arts?

Media Arts involves creating representations of the world and telling stories through communication technologies such as television, film, video, newspapers, radio, video games, the Internet and mobile media. Media Arts connects audiences, purposes and ideas exploring concepts and viewpoints through the creative use of materials and technologies.

Media Arts

ELECTIVE
Pre-requisites: Nil
Two Semesters
• Two lessons per week
• Courses designed to prepare for Senior School study

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1</td>
<td>Copy Cat Film Maker</td>
<td>• Film Genre and Cinematographer Vodcast</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Scene design and remake</td>
</tr>
<tr>
<td>Unit 2</td>
<td>Short film production</td>
<td>• Creating a short film</td>
</tr>
<tr>
<td>Unit 3 &amp; 4</td>
<td>Marketing Plan</td>
<td>• Marketing plan including advert, website and 30 second ad</td>
</tr>
</tbody>
</table>
Media Arts

What you will need:

- An exercise book
- Writing material (e.g: pens, pencils, coloured pencils, sharpener, eraser)
- Access to a computer at home is highly desirable
- Diary
- Subject fee of $20

Media Arts

Future Pathways:

**Possible Senior Subjects**

- **OP Subject**
  - OP Film, Television & New Media

- **Non-OP**
  - SAS Film & TV.

**University**

- Bachelor of Screen Production

**TAFE**

- Technical lighting and sound training
  - Film and Video Production

**Career**

- Event coordinator
- Lighting and sound engineer
- Working in a theatre
- Working in film and video production
Year 10 Hospitality

SIT10212 Certificate I in Hospitality

Prerequisites/Special Requirements (if any): Nil

Brief Description / Outline of the subject:

This qualification reflects the role of individuals who wish to participate in a range of routine and predictable hospitality work activities. They work under close supervision by trade qualified staff and are given clear directions to complete tasks. This preparatory qualification provides individuals with knowledge and skills for initial work, community involvement and further learning.
**Brief Unit/Assessment Outline:**

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term 1</td>
<td>BSBWOR203B Work effectively with others</td>
<td>Competency Based</td>
</tr>
<tr>
<td></td>
<td>SITCCS101 Provide information and assistance</td>
<td>Assessment Item 1</td>
</tr>
<tr>
<td></td>
<td>SITHCC102 Prepare simple dishes</td>
<td></td>
</tr>
<tr>
<td>Term 2</td>
<td>SITXFS101 Use hygienic practices for food safety</td>
<td>Competency Based</td>
</tr>
<tr>
<td></td>
<td>SITXWH101 Participate in safe work practices</td>
<td>Assessment Item 2</td>
</tr>
<tr>
<td></td>
<td>SITHCC102 Prepare simple dishes</td>
<td></td>
</tr>
<tr>
<td>Term 3</td>
<td>BSBWOR203B Work effectively with others</td>
<td>Competency Based</td>
</tr>
<tr>
<td></td>
<td>SITXFS101 Use hygienic practices for food safety</td>
<td>Assessment Item 3</td>
</tr>
<tr>
<td></td>
<td>SITXWH101 Participate in safe work practices</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SITHCC102 Prepare simple dishes</td>
<td></td>
</tr>
<tr>
<td>Term 4</td>
<td>SITHCC101 Use food preparation equipment</td>
<td>Competency Based</td>
</tr>
<tr>
<td></td>
<td>SITHCC102 Prepare simple dishes</td>
<td>Assessment Item 4</td>
</tr>
</tbody>
</table>

**Future pathways from the qualification**

After achieving SIT10212 Certificate I in Hospitality, individuals can progress to a Certificate 2 or 3 in Hospitality offered over the course of year 11 & 12. This will allow the individual to progress to a wide range of other qualifications in hospitality and broader service industries.
When you join Hospitality

- You will be challenged
- You will be able to think for yourself
- You will improve your communication and team work skills
- You will excel in being organised
- You will be pressured to achieve

AND you will have fun.

Work in a Real Kitchen with Real Chefs
# TOPICS

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term 1</td>
<td>Sports Psychology&lt;br&gt;Futsal&lt;br&gt;Netball</td>
<td>Exam&lt;br&gt;Practical assessment</td>
</tr>
<tr>
<td>Term 2</td>
<td>Figueroa’s Framework&lt;br&gt;Basketball&lt;br&gt;Athletics</td>
<td>Multi modal presentation&lt;br&gt;Practical assessment</td>
</tr>
<tr>
<td>Term 3</td>
<td>Training Programs&lt;br&gt;Touch&lt;br&gt;Weight training</td>
<td>Training program design&lt;br&gt;Practical assessment</td>
</tr>
<tr>
<td>Term 4</td>
<td>Biomechanics&lt;br&gt;Golf&lt;br&gt;Badminton</td>
<td>Assignment&lt;br&gt;Practical assessment</td>
</tr>
</tbody>
</table>
Pathways

- Physical Education – OP Eligible
- Physical Recreation – Non OP Eligible

Where does it lead?

- Doctor
- Sport Physiotherapist
- Occupational Therapist
- Nurse
- Nutritionist/Dietician
- Sports Psychologist
- Exercise Physiologist
- Sports Trainer
- Personal Trainer
- HPE teacher
- Coach
Health & Physical Education

- Compulsory subject
- 1 Lesson per week for the entire year
- Practical based
- 1 theory component per semester

Topics

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term 1</td>
<td>Practical Activities</td>
<td>Assignment</td>
</tr>
<tr>
<td></td>
<td>Health</td>
<td></td>
</tr>
<tr>
<td>Term 2</td>
<td>Practical Activities</td>
<td></td>
</tr>
<tr>
<td>Term 3</td>
<td>Practical Activities</td>
<td>Assignment</td>
</tr>
<tr>
<td></td>
<td>Health</td>
<td></td>
</tr>
<tr>
<td>Term 4</td>
<td>Practical Activities</td>
<td></td>
</tr>
</tbody>
</table>
Graphics

• This is a 1 year or 2 Semester Elective Subject

• What is Graphics?

<table>
<thead>
<tr>
<th>TOPICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Outline</td>
</tr>
<tr>
<td>Term 1</td>
</tr>
<tr>
<td>Term 2</td>
</tr>
<tr>
<td>Term 3</td>
</tr>
<tr>
<td>Term 4</td>
</tr>
</tbody>
</table>

Students develop solutions to graphical communication challenges for a range of audiences using a range of visual media and viewing systems. They develop visual literacy as they view, read, comprehend and generate graphical presentations and consider what can be seen and how people interpret what is seen.
The New Fragrance For Men

Sierra.

A man is born, a gentleman is made.
Pathways

If you are thinking about a career in — engineering, design, programming, architecture, interior design, surveying, web design, animation or manufacturing then graphics is your subject

Engineering Technology

• Not to be confused with the Engineering Excellence Program

• This is a 1 year or 2 Semester Elective Subject

• What is Engineering?
### TOPICS

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term 1</td>
<td>Underlying concepts</td>
<td>Assignment Exam</td>
</tr>
<tr>
<td>Term 2</td>
<td>Materials</td>
<td>Engineering Report</td>
</tr>
<tr>
<td>Term 3</td>
<td>Engineering mechanics</td>
<td>Robotics Folio</td>
</tr>
<tr>
<td>Term 4</td>
<td>Engineering and society</td>
<td>Engineering Report</td>
</tr>
</tbody>
</table>

By studying related engineering contexts, and applying principals to practical situations, students develop their understanding of Engineering concepts and the Industry. EGG Drop, Straw Bridge and the mouse trap racer are all some of the practical projects you will engage as you discover and learn engineering concepts.

Mouse Trap Racers

ST3

Egg Drop
If you are thinking about a career in — Mining, Manufacturing, Engineering, Design, Programming, Welding, Fabrication and science then Engineering is the subject for you in year 9.

Technology Studies

• This is a 1 year or 2 Semester Elective Subject

• What is Technology Studies?
# TOPICS

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skills Development + Safety</td>
<td>Written Assignment Practical Project</td>
</tr>
<tr>
<td></td>
<td>Design Process</td>
<td></td>
</tr>
<tr>
<td>Term 2</td>
<td>Sustainability</td>
<td>Design Folio Exam</td>
</tr>
<tr>
<td>Term 3</td>
<td>Process Manufacturing</td>
<td>Design Folio</td>
</tr>
<tr>
<td>Term 4</td>
<td>Individual Project</td>
<td>Design Folio</td>
</tr>
</tbody>
</table>

## Schred Recycling System

![Image of Schred Recycling System](image.png)

Plastic Bottle to this!

![Image of Schred Recycling System in action](image2.png)
Pathways

If you are thinking about a career in —
Interior/exterior design, carpentry, plastics manufacturing, environmental studies, product design or any career that involves working with your hands then Product design is for you!

Cert I Furnishings LMF10108

• This is a 1 year or 2 Semester Elective Subject

• What is Furnishing and What is a Certificate 1.

• NOTE: The College is currently seeking registration for this qualification and will only be offered upon the approval of the application from QSA
# Training and Assessment Strategy

<table>
<thead>
<tr>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
</table>
| Term 1 | MSAPMOS100A Follow OHS procedures  
MSAPMPS101A Make measurements | Competency Based Training and Assessment |
| Term 2 | LMFFM1001B  
Construct a basic timber furnishing product  
LMFFM1002B  
Operate basic woodworking machines | EXAM Competency Based Training and Assessment |
| Term 3 | MSAPMMSU102A Communicate in the workplace  
MSAPMMSU106A Work in a team | Competency Based Training and Assessment |
| Term 4 | LMFFF201B  
Use furniture finishing sector hand and power tools  
MSAENV211B  
Participate in environmentally sustainable work practices | EXAM Competency Based Training and Assessment |

To be deemed competent you must complete 4 practical Projects, 2 exams and the theory based work books.
You will spend around 70% of your time in the work shop.

---

# ENTERPRISE EDUCATION

- This is a 1 year or 2 Semester Elective Subject
- What is Enterprise Education?
## TOPICS

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term 1</td>
<td>Nature of Business Organisations and Management</td>
<td>Assessment Item 1</td>
</tr>
<tr>
<td>Term 2</td>
<td>Introduction to the Stock Exchange/ASX Share market Game</td>
<td>Assessment Item 2</td>
</tr>
<tr>
<td>Term 3</td>
<td>Management Analysis and Interpretation of Reports Managerial Decision Making</td>
<td>Assessment Item 3</td>
</tr>
<tr>
<td>Term 4</td>
<td>Entrepreneurship and Small Business Marketing</td>
<td>Assessment Item 4</td>
</tr>
</tbody>
</table>

### Pathways

*If you are thinking about a career in –*
Customer Service, Small Business Operations, Office Administration, Office Management, Legal Services or Accounting then Enterprise Education is for you!
Information Communication Technology

• This is a 1 year or 2 Semester Elective Subject

• What is Information Communication Technology?

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Digital Still Imaging (Graphic Design), Website Design and Development</td>
<td>Assessment item 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Term 2</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Human-computer interaction Social and ethical issues.</td>
<td>Assessment item 2 Assessment item 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Term 3</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Project Development Skills</td>
<td>Assessment item 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Term 4</th>
<th>Course Outline</th>
<th>Assessment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Problem Solving and Software and system engineering</td>
<td>Assessment item 5 Assessment item 6</td>
</tr>
</tbody>
</table>
If you are thinking about a career in –
Web design, Technical Operations, Software development, Game Design, Graphics Design, or programing then ICT is the Subject for you.

Guidelines for choosing subjects

**DO:**
- Pick subjects you enjoy and are good at.
- Discuss with your teachers and parents for their recommendations.
- Focus on your goals for senior and post-school.
- Use the work you have been doing in Access.
  - Talk to the Guidance Officer, Ms Lang, Leaders of Learning, Mrs McMahon or Mr Fullbrook.

**DO NOT:**
- Pick subjects you think will be easy.
- Pick subjects just because your friends are doing them.
- Pick subjects you don't really like or have struggled with in the past.
- Pick subjects that you don't intend on studying past Year 10.
Details

- You will get to choose 3 elective subjects which you will do for a full year each. You also need to pick 2 back-up preferences.
- In addition to this, you will also need to choose which Mathematics subject you will study – either Mathematics or Mathematics Extension.
- If you have applied to do the Engineering Excellence Program, you still need to select 3 subjects, one of which will be the EEP (and 2 back-ups).
- You may not get your top 3 (or top 2) choices.
- You should only be choosing subjects that you have received good results in and have already spoken to your teacher about it.
- Please be aware that some resource intensive subjects carry an additional fee. These fees are detailed in the Curriculum handbook and by clicking on the subject online during the selection process.

- If logging on to a College laptop, click on the OneSchool icon on your desktop.
- If logging on at home, go to http://oslp.eq.edu.au/student
Subject Selection

Available Reports/Letters...

Subject Selection Model:
You have chosen to use the following model: Subject Selection 2014. Click here to select a new model.

Subject Selections - Srmoodleboard

Date Subject

Maintain Subject Selection

Please choose 4 subjects from the list below. Please select your subject(s) for Year 10. Your compulsory core subjects have already been selected for you, with the exception of Mathematics. These subjects are English, History, Science, Health and Physical Education, and Arts. For Maths, you will need to select either Mathematics or Mathematics Extension. You will then need to select an additional three subjects that are your first preference for study in 2016. You then need to select two additional preferences as back-ups if any of your preferred subjects are not available. You will study your core and elective subjects for a full year.

Subject Selection - Srmoodleboard

English Mathematics Science History

HPE The Arts Technology Year Other

Certificate 1 in Business (CRM10) Certificate 1 in Hospitality (CRM131)
Certificate 1 in IT (CRAM10) Certificate 1 in Tourism (CRM133)
Certificate 2 in Business (CRM200) Certificate 2 in Hospitality (CRM201)
Certificate 2 in IT (CRM210) Certificate 2 in Tourism (CRM203)
Certificate 3 in Business (CRM300) Certificate 3 in Hospitality (CRM301)
Certificate 3 in IT (CRM310) Certificate 3 in Tourism (CRM303)
Certificate 4 in Business (CRM400) Certificate 4 in Hospitality (CRM401)
Certificate 4 in IT (CRM410) Certificate 4 in Tourism (CRM403)
Certificate 5 in Business (CRM500) Certificate 5 in Hospitality (CRM501)
Certificate 5 in IT (CRM510) Certificate 5 in Tourism (CRM503)
Certificate 6 in Business (CRM600) Certificate 6 in Hospitality (CRM601)
Certificate 6 in IT (CRM610) Certificate 6 in Tourism (CRM603)
Certificate 7 in Business (CRM700) Certificate 7 in Hospitality (CRM701)
Certificate 7 in IT (CRM710) Certificate 7 in Tourism (CRM703)
Certificate 8 in Business (CRM800) Certificate 8 in Hospitality (CRM801)
Certificate 8 in IT (CRM810) Certificate 8 in Tourism (CRM803)
Certificate 9 in Business (CRM900) Certificate 9 in Hospitality (CRM901)
Certificate 9 in IT (CRM910) Certificate 9 in Tourism (CRM903)
Certificate 10 in Business (CRM1000) Certificate 10 in Hospitality (CRM1001)
Certificate 10 in IT (CRM1010) Certificate 10 in Tourism (CRM1003)
Subject Selection

<table>
<thead>
<tr>
<th>Available Reports/Letters:</th>
<th>Subject Selection 2014. Click here to select a new model.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject Selection</strong></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td></td>
<td>12-04-2013</td>
</tr>
<tr>
<td></td>
<td>12-04-2013</td>
</tr>
<tr>
<td></td>
<td>17-04-2013</td>
</tr>
<tr>
<td></td>
<td>12-04-2013</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Preferences: Spanish (SPNL), Engineering Technology (ENT10)
Timelines

- Subject selections need to be entered online, printed off, signed by parents and returned to the College administration by Friday 23 August. (Subject selections open on Tuesday 13 August).
Frequently asked questions ...  

- Can I change subjects if I don't like my choices?  
- Do I automatically continue on in the EEP?  
- What if I have more questions about subjects?  
- Specific questions about subjects...  
  - Year 10 Curriculum Handbook  

Contacts:  

www.murrumbassc.eq.edu.au  

Kevin Fullbrook – Deputy Principal – kfull24@eq.edu.au  

Rachel McMahon – Leader of Learning (Teaching & Learning) – rmcma39@eq.edu.au  

Megan Lang – Head of Year 9 – mlang102@eq.edu.au  

Katrina Clarry – Guidance Officer – kclar13@eq.edu.au  

College Administration – (07) 3490 3222