Welcome to MacGregor State High School and Years 11 and 12! This booklet has been written for you to find out about the subjects offered in 2014.

How parents can help?
- Ensure their student is ready to learn every day – equipment, uniform, nutritional requirements
- Ensure their student attends school and arrives to school on time
- Read the Red Book and be familiar with school policies
- Monitor and show interest in their student’s homework and assessment program
- Communicate with the school regarding their student’s progress
- Contact the school with any concerns
- Receive the E Newsletter, read carefully and note and act on any relevant information
- Encourage their student to read a range of texts in English (newspapers, magazines, books)

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- What Next? Preparing for the senior phase of learning
- Prerequisite Summary
- Vet in Schools
- School-based Apprenticeships and Traineeships
- Planning QCE Pathways

Subjects - by Alphabetical Order

(A = an Authority subject; AR = an Authority-registered subject; VET = Vocational Education and training)

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The Dimensions of Learning

The Dimensions of Learning (DoL) has been adopted by MacGregor SHS as the framework for developing curriculum, pedagogy and assessment. Its premise is that there are five types of thinking that are essential to successful learning. These are represented graphically here.

All learning takes place against the backdrop of learners’ attitudes and perceptions and their use of productive habits of mind. When positive attitudes and perceptions and productive habits of mind are being used, learners can more effectively do the thinking required in the other three dimensions: acquiring and integrating knowledge, extending and refining knowledge and using knowledge meaningfully.

(adapted from The Dimensions of Learning Teachers’ Manual 2009)
Preparing for the senior phase of learning

What next?

In 2006, the Queensland Government introduced new laws which require young people to be earning or learning. After Year 10, you are now able to consider a much wider range of learning options. To make the most of these options, you will need a Senior Education and Training Plan (SET Plan). A SET Plan helps you work toward your goals in your senior years of schooling, and then on to further study and the world of work.

You have many options available for Years 11 and 12, including:
- Authority subjects
- Authority-registered subjects
- recognised subjects/courses
- a school-based apprenticeship or traineeship
- vocational education and training (VET)
- employment.

A set standard of achievement is:
- a Sound Level of Achievement (for Authority and Authority-registered subjects)
- completion (for VET certificates)
- a Pass or equivalent for other courses of study recognised or approved by QSA.

Queensland Certificate of Individual Achievement (QCIA)

The Queensland Certificate of Individual Achievement (QCIA) recognises the achievements of students who are on highly individualised learning programs. To be eligible, students must have impairments or difficulties in learning that are not primarily due to socio-economic, cultural or linguistic factors.

The QCIA is an official record that students have completed at least twelve years of education, and provides students with a summary of their knowledge and skills that they can present to employers and training providers.

The certificate records the student’s achievements in two areas:
- The Statement of Achievement provides descriptions of the student’s demonstrated knowledge and skills across six curriculum organisers.
- The Statement of Participation lists the names or titles of activities that a student has undertaken.

Queensland Certificate of Education (QCE)

The QCE is a school-based qualification awarded to young people who have achieved set standards in a “significant amount of learning” and who have met literacy and numeracy requirements.

A significant amount of learning (20 credits) includes:
- a minimum of 12 credits from completed core courses of study
- the remaining 8 credits from a combination of core, preparatory, enrichment and advanced courses of study.

The Student Education Profile

At the end of Year 12, you will receive a Student Education Profile (SEP), which consists of:
- Senior Statement
- Tertiary Entrance Statement, if you are eligible for an Overall Position (OP) and Field Positions (FPs)
- Queensland Certificate of Education (QCE), if eligible
- Queensland Certificate of Individual Achievement

Senior Statement

When you finish Year 12, you will be given a Senior Statement that records:
- what, when and where learning was undertaken
- the result and credit value achieved
- your result in the Queensland Core Skills (QCS) Test, if eligible.
Subject results

Subject results can be obtained in individual subjects selected from a wide range of other subjects, depending on their availability at individual schools. They are reported under the headings:

- Authority subjects
- Authority-registered subjects
- VET
- recognised subjects/courses.

Recognised subjects/courses

Recognised subjects/courses include:

- university courses
- awards and certificates
- international learning programs
- tailored training programs
- workplace, community and self-directed (WCS) learning projects
- structured workplace and community-based learning programs.

VET

Vocational education and training (VET) may be undertaken at school or through a registered training provider. The qualifications gained from VET are nationally accredited. The skills you gain will also allow you to enter the workforce and/or to move on to further vocational or academic studies. Certificate I to Advanced Diploma qualifications can be completed through VET.

School-based apprenticeships and traineeships

Part-time apprenticeships or traineeships can be undertaken during the senior phase of learning. These are endorsed training packages, based on industry standards, that can lead to nationally recognised qualifications under the Australian Qualifications Framework (AQF).

QCS Test

The QCS Test:

- is a statewide test available to students in Year 12
- is based on common elements of the Queensland senior curriculum
- consists of four papers: Writing Task, Multiple Choice Papers (I and II) and Short Response
- is recommended for all students — OP-eligible and non-OP-eligible
- is a requirement to be eligible for an OP and FPs
- provides you with a result if you sit the test
- is reported on a 5-point scale from A (highest) to E (lowest).

Tertiary Entrance Statement

The Tertiary Entrance Statement reports your Overall Position (OP) and your results in up to 5 Field Positions (FPs). QSA issues a Tertiary Entrance Statement if you qualify for an Overall Position.

Overall Position (OP)

Your OP gives you a rank order position from 1 (highest) to 25 (lowest), if eligible. Your OP:

- indicates your rank order position, based on overall achievements in Authority subjects
- is the combined result of your best 100 weighted semester units (WSUs) in Authority subjects studied during Years 11 and 12
- requires you to study at least 3 Authority subjects for all 4 semesters
- involves scaling using the QCS Test results
- uses equal weightings for all subjects.

To be eligible for an OP, you must:

- study 20 semester units of Authority subjects (the equivalent of 5 subjects over 4 semesters), including at least 3 subjects for 4 semesters
- sit for the Queens and Core Skills (QCS) Test
- remain at school until the final day of Year 12.

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<tr>
<th>An OP is reported as one of 25 bands from 1 (highest) to 25 (lowest) for eligible students.</th>
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<tr>
<td>Band 1 = about top 2%</td>
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<td>Band 2–6 = about next 15%</td>
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<td>Band 7–21 = about next 70%</td>
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<td>Band 22–24 = about next 11%</td>
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<td>Band 25 = about next 2%</td>
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Field Positions (FPs)

Field Positions are calculated only when you are eligible for an OP. Field Positions:

- indicate your rank order position based on overall achievement in Authority subjects in up to 5 fields
- require completion of at least 60 weighted semester units (WSUs) of relevant Authority subjects
- involve scaling using QCS Test results
- use unequal weightings for subjects
- are reported in bands 1 (highest) to 10 (lowest)
- use weightings that reflect the coverage of the fields in the subject syllabus (your teachers will assist you to establish your field eligibility).
Can I go from studying VET to university?
If you complete at least a Certificate III course, you may gain a rank high enough for university entry. Many universities have credit transfer arrangements with other Registered Training Organisations (RTOs) which let you complete your studies more quickly.

FAQs

▷ I want to go to TAFE or university. Which subjects should I take?
If you intend to go to TAFE or university after completing Year 12, you should check how students are selected for your preferred courses. You need to ensure you choose subjects that fulfill prerequisites for your higher education course/s. You should then choose subjects that interest you and in which you are likely to succeed.

To be OP-eligible, you must study a minimum of 5 Authority subjects. Three of these subjects must be over 4 semesters. However, you do not have to study all Authority subjects. You may choose to take an Authority-registered subject or some vocational education units of competency/modules, if these are available. You must also sit the QCS Test in Year 12.

If you choose to be OP-eligible and use your QTAC schedule rank, you should also sit the QCS Test to try and increase your rank. If you do not sit the QCS Test, you will receive an E result.

▷ I don’t know what I will do after Year 12. What subjects should I study?
If you are not sure what you want to do after Year 12, choose subjects you like or have an interest in, and in which you are likely to do well.

▷ Can I complete Years 11 and 12 over three years?
Yes. If you have other commitments (e.g. representative sport) or special circumstances, your school can arrange your study over 3 years.

▷ I want to start a school-based apprenticeship/traineeship at school. What can I do when I leave Year 12?
If you are able to start a school-based apprenticeship/traineeship while you are at school, and you are OP-eligible, you may be able to use your OP to gain entry to a university course, provided you have studied the necessary prerequisites. If you are OP-eligible, you can choose to complete your apprenticeship/traineeship, and then use this qualification to enter the workforce or to continue with further study. You may be granted credit for the units of competency/modules you have completed as part of your apprenticeship/traineeship.
Where do I get more information?

QSA Career Information Service (CIS)
Postal address: PO Box 307, Spring Hill, Qld 4004
Office address: Ground floor, 295 Ann Street, Brisbane Qld
Phone: 3864 0299; 1800 804991
Fax: 3221 2553
Web: www.cis.qsa.qld.edu.au
Email: cis@qsa.qld.edu.au

QTAC LTD
Postal address: PO Box 1331, Milton Qld 4064
Office address: Level 2, 33 Park Road, Milton Qld 4064
Phone: 3858 1222
Fax: 3367 1164
Web: www.qtac.edu.au

Queensland universities and TAFE Queensland
Australian Catholic University  www.acu.edu.au
Bond University  www.bond.edu.au
Central Queensland University  www.cqu.edu.au
Griffith University  www.griffith.edu.au
James Cook University  www.jcu.edu.au
Queensland University of Technology  www.qut.edu.au
TAFE Queensland  www.tafe.net
The University of Queensland  www.uq.edu.au
University of Southern Queensland  www.usq.edu.au
University of the Sunshine Coast  www.usc.edu.au

Career Information Centres
340 Adelaide Street, Brisbane Qld 4001
Phone: 1800 627 175
Fax: 3000 3050
Email: Career.info@centrelink.gov.au

Shop 11, Pacific Square, 2532 Gold Coast Highway
Mermaid Beach Qld 4218
Phone: 1800 641 459
Fax: 5575 6583
Email: CIC.mer@centrelink.gov.au
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<td>Biology</td>
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<tr>
<td></td>
<td>Natural Science (C or above)</td>
</tr>
<tr>
<td>BCT</td>
<td>ELI (Intermediate ESL English) (C or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td>Business Management</td>
<td>ELI (Intermediate ESL English) (C or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td>Business Studies</td>
<td>Nil</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Analytical Science (C or above)</td>
</tr>
<tr>
<td></td>
<td>Extension Mathematics (C or above) OR Mathematics (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (A)</td>
</tr>
<tr>
<td>Chinese</td>
<td>Chinese</td>
</tr>
<tr>
<td>Dance</td>
<td>Dance recommended</td>
</tr>
<tr>
<td>Drama</td>
<td>Drama recommended</td>
</tr>
<tr>
<td>Early Childhood</td>
<td>Nil</td>
</tr>
<tr>
<td>Economics</td>
<td>Senior Authority English</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (B)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (A)</td>
</tr>
<tr>
<td>Engineering Technology</td>
<td>Extension Mathematics OR Mathematics (A or B level + interview)</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (C or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td>English</td>
<td>A minimum of a C in 2 of the 3 written tasks, and 2 of the 3 spoken tasks in Year 10</td>
</tr>
<tr>
<td></td>
<td>English (C or above)</td>
</tr>
<tr>
<td>English Communication</td>
<td>Nil</td>
</tr>
<tr>
<td>English for ESL Learners</td>
<td>Pre-Intermediate English (ELP) B</td>
</tr>
<tr>
<td></td>
<td>Intermediate English (ELI) C</td>
</tr>
<tr>
<td>FTV and New Media</td>
<td>Media and/or</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (C or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td>Geography</td>
<td>Senior Authority English</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (B or above)</td>
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<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (A)</td>
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<tr>
<td>German</td>
<td>German</td>
</tr>
<tr>
<td>Graphics</td>
<td>Graphics</td>
</tr>
<tr>
<td>Health Education</td>
<td>Health Studies and/or</td>
</tr>
<tr>
<td></td>
<td>English ELI (Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (A)</td>
</tr>
<tr>
<td>Home Economics</td>
<td>English ELI (Intermediate ESL English) (C or above)</td>
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<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td>Horticulture</td>
<td>Nil</td>
</tr>
<tr>
<td>Hospitality</td>
<td>Nil</td>
</tr>
<tr>
<td>SUBJECT Year 11</td>
<td>PRE REQUISITE Year 10</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Industrial Technology Studies</td>
<td>Nil</td>
</tr>
<tr>
<td>ICT</td>
<td>Nil</td>
</tr>
<tr>
<td>IPT</td>
<td>Mathematics Extension (C or above), OR Mathematics (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (A)</td>
</tr>
<tr>
<td>Japanese</td>
<td>Japanese</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>ELI (Intermediate ESL English) (C or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td>Mathematics A</td>
<td>Year 10 Mathematics Extension (C level and above), OR Mathematics</td>
</tr>
<tr>
<td></td>
<td>(C level or above), or Mathematics Foundations (A level)</td>
</tr>
<tr>
<td>Mathematics B</td>
<td>Year 10 Mathematics Extension (C level or above), OR Mathematics</td>
</tr>
<tr>
<td></td>
<td>(A level)</td>
</tr>
<tr>
<td>Mathematics C</td>
<td>Year 10 Mathematics Extension (C level or above)</td>
</tr>
<tr>
<td>Modern History</td>
<td>Senior Authority English</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (A)</td>
</tr>
<tr>
<td>Music</td>
<td>Music recommended OR by interview with Performing Arts Head of Department</td>
</tr>
<tr>
<td>Music Extension (Year 12)</td>
<td>Year 11 Music</td>
</tr>
<tr>
<td></td>
<td>Year 12 Music concurrently</td>
</tr>
<tr>
<td>Performance Studies</td>
<td>Interview with Performing Arts Head of Department</td>
</tr>
<tr>
<td>Physical Education</td>
<td>English and or Sports Science</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (C and above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (B and above)</td>
</tr>
<tr>
<td>Physics</td>
<td>Analytical Science (C or above); Extension Mathematics (C or above)</td>
</tr>
<tr>
<td></td>
<td>OR Mathematics (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (A)</td>
</tr>
<tr>
<td>Prevocational Mathematics</td>
<td>Nil</td>
</tr>
<tr>
<td>Recreation</td>
<td>Nil</td>
</tr>
<tr>
<td>Science 21</td>
<td>Natural Science (C or above) OR Analytical Science (C or above)</td>
</tr>
<tr>
<td></td>
<td>OR General Science (C or above)</td>
</tr>
<tr>
<td></td>
<td>ELI (Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (A)</td>
</tr>
<tr>
<td>Social and Community Studies</td>
<td>Nil</td>
</tr>
<tr>
<td>Tourism</td>
<td>Nil</td>
</tr>
<tr>
<td>Visual Art</td>
<td>ELI (Intermediate ESL English) (C or above)</td>
</tr>
<tr>
<td></td>
<td>ELP (Pre-Intermediate ESL English) (B or above)</td>
</tr>
<tr>
<td>Visual Art Studies - Textiles and Fashion</td>
<td>Basic sewing skills recommended</td>
</tr>
</tbody>
</table>

- The following recommendations are made for ESL students:
  - Students in ELE101A are recommended to do ESL English Communication
  - Students in ELM081A (composite Mathematics class) are recommended to do Prevocational Mathematics in Year 11
  - Students in ESE091A (composite basic Science class) will not be recommended for Chemistry, Physics, Biology or Science 21
Vocational Education and Training

Vocational education and training (VET) is "education and training for work" and part of a broader educational network in Australia that includes schools, universities and adult and community education. The Queensland Studies Authority as delegate for the Australian Skills Quality Authority registers and audits Queensland school RTOs. At MacGregor State High School students may access a range of VET qualifications through the school, TAFE and private VET providers.

Why VET?
VET can cater to all senior students: those seeking university entrance, those seeking employment-specific skills and those at risk of not completing their schooling.

- VET provides learning opportunities beyond the traditional curriculum.
- Assessment in VET meets industry standards.
- Having work-related skills makes students more employable.

How is VET offered at MacGregor SHS?
Stand-alone VET
ICA1011I Certificate I in Information, Digital Media and Technology
The above VET qualification is offered to students in Years 10 to 12 through CEP and is referred to as stand-alone VET.

<table>
<thead>
<tr>
<th>ICAICT101A</th>
<th>Operate a Personal Computer</th>
<th>ICAICT104A</th>
<th>Use Digital devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICAICT102A</td>
<td>Operate Word-Processing Applications</td>
<td>BBBMM101A</td>
<td>Apply basic communication skills</td>
</tr>
<tr>
<td>ICAICT103A</td>
<td>Use, communicate and search securely on the internet</td>
<td>ICAICT106A</td>
<td>Operate presentation packages</td>
</tr>
</tbody>
</table>

School-based apprenticeships and traineeships (SATs)
SATs allow students to work for an employer and train towards a recognised qualification under contract of training while completing their school studies. Students whose SAT is not completed by the time they finish Year 12 may convert to a full-time or part-time apprenticeship or traineeship.

VET and the Queensland Certificate of Education (QCE)
Certificate I
A Certificate I is worth two credits towards a QCE. There is no limit to the number of Certificate I qualifications a student can gain, but only two may count towards a QCE.

Certificates II, III and IV
A Certificate II is worth four credits towards a QCE, while most Certificates III and IV are worth eight credits. There is no limit on the number of Certificates II, III and IV that may contribute to a QCE.

VET and tertiary entrance
Authority subjects with embedded VET may be used in the calculation of Overall Positions (OPs) and Field Positions for tertiary entrance purposes. If a school student is ineligible for an OP, VET at Certificate III level and school-based apprenticeships and traineeships may be used to calculate a Tertiary Entrance Rank.
School-based apprenticeships and traineeships (SATs) are one of the senior schooling pathways available for students in Years 10, 11 or 12 at this school.

**What is a SAT?**
SATs allow students – typically in Years 11 and 12 – to study for their Queensland Certificate of Education (QCE), work for an employer and earn a wage, and train towards a recognised vocational qualification, while completing high school. Students in Year 10 may also do a SAT.

SATs are available in hundreds of fields ranging from rural to retail, business to building, hospitality to hairdressing, and automotive to arts.

Depending on the qualification and when the SAT is started, many students can complete a school-based traineeship while at school.

A school-based apprenticeship provides a head start into a full-time or part-time apprenticeship and career. It is possible to complete up to a third of an apprenticeship while at school. After school this can be converted to a full-time arrangement.

**Why do a SAT?**
A SAT can support a student’s transition from school to work. The Queensland Government’s Next Step Report 2008 shows that young people who undertake a SAT were more likely to be working full-time or undertaking further education or training than young people who do not undertake a SAT.

A comparison of students with an Overall Position (OP) and students with a SAT shows that although the post school pathway is different, both cohorts of students are likely to be in full-time work or study after completing Year 12.

Students can do a SAT and an OP at the same time, and many young people do. Almost one in eight young people who participated in a SAT went on to university.

**SATs and the QCE**
Achievement in a SAT can contribute credit towards the QCE.

**School-based traineeships**
- School-based traineeships are generally Certificate II or III qualifications that include on-the-job training.
- Completed traineeships contribute four (4) credits for Certificate II and up to eight (8) credits for Certificate III qualifications.
- Partly completed certificates undertaken as part of a traineeship may contribute credit towards the QCE. The same provisions apply as for other VET certificates.
  Note: The on-the-job training component of a school-based traineeship does not contribute any credit towards the QCE.

**School-based apprenticeships**
- School-based apprenticeships are generally Certificate III qualifications.
- Students can complete up to 30 per cent of competencies while enrolled at school.
- Completion of 30 per cent of competencies can contribute up to two (2) credits towards the QCE, but are not counted towards completed core courses of study.

• In addition, the on-the-job component of 96 days over a two-year period may contribute four (4) credits towards core courses of study for a QCE.
• An incomplete on-the-job component can contribute one (1) credit per 20 days of participation.

SATs and university entrance
Results from vocational education and training undertaken as part of a SAT can be used by students who are OP-ineligible to gain a selection rank for university entrance.

Selection ranks for OP-ineligible students are calculated from schedules developed by the Queensland Studies Authority (QSA) and the Queensland Tertiary Admissions Centre (QTAC) in consultation with tertiary institutions. The schedules provide selection ranks that are based on the best possible information about how well a student did against all other OP and OP-ineligible students.

How do SATs work?
A SAT is a legally binding contract of training and employment. The student is considered an employee in the workplace and is paid a wage in accordance with the payment set for the industry.

SATs are essentially the same as mainstream apprenticeships and traineeships. The key difference is that SATs integrate school studies with training and paid work. A flexible school program allows a student to effectively combine a SAT with study for a QCE and/or an OP.

The student may attend the workplace for a period of time, usually between eight to 15 hours per week. This may represent one day a week, with or without weekend work, some evening and weekend work or some work during the school term, with longer periods during school vacations. The student may drop a school subject to accommodate this arrangement.

The vocational training aspect of the program may be done on-the-job or may require the student to attend training separately. The choice of the training provider rests with the employer but may be a TAFE or a private training provider. The student is not paid for attendance at training.

Organising a SAT
It is the policy of this school that students wishing to take up a school-based apprenticeship or traineeship:
• speak to the Head of Senior Schooling or Guidance Officer
• complete and submit a SAT Expression of Interest (only once approval is given through the SAT Expression of Interest process commence actively seeking a SAT)
• undertake to actively seek a SAT and not solely rely on the school to find a SAT
• advise the school if absent to attend SAT interviews
• advise the school if a you have successfully secured a SAT
• undertake if required/appropriate work experience prior to signing up into the SAT.

Summary
A school-based apprenticeship or traineeship:
• counts towards the Queensland Certificate of Education (QCE)
• can count towards a selection rank for university
• can lead to recognised vocational qualifications and skills
• provides hands-on workplace experience
• is paid for the on-the-job component
• helps to develop confidence and contacts to move from school to work or further education or training.

For Further Information
See Head of Senior Schooling or Guidance Officer
www.apprenticeshipsinfo.qld.gov.au Phone: 1800 210 210

Senior Education Profile

Students in Queensland are issued with a Senior Education Profile when they complete Year 12. All students receive a Senior Statement, and eligible students receive a Queensland Certificate of Education (QCE) and/or a Tertiary Entrance Statement. Students who continue to study towards a QCE after completing Year 12 will receive a Statement of Results when they become eligible for a QCE.

Queensland Certificate of Education

The QCE is Queensland’s senior schooling qualification. It is awarded to eligible students when they complete the senior phase of learning, usually at the end of Year 12. To be awarded a QCE, students need to complete a significant amount of learning, at a set standard and in a set pattern, and fulfil literacy and numeracy requirements.

Statement of Results

If a student leaves school or completes Year 12 without achieving a QCE, their learning account remains open, and credits can accumulate for up to nine years. Once they become eligible, the QSA will issue a QCE and a Statement of Results. The Statement of Results shows all contributing studies and the results achieved and, if applicable, their QCS Test result.

Tertiary Entrance Statement

The Tertiary Entrance Statement shows an eligible student’s OP (Overall Position) and FPs (Field Positions). An OP indicates a student’s rank, based on overall achievement in Authority subjects. The student must study at least three of these subjects for all four semesters and sit the QCS Test. FPs indicate a student’s rank based on overall achievements in Authority subjects in up to five fields (areas of study that emphasise particular knowledge and skills). FPs are calculated only for OP-eligible students.

Senior Statement

All students who finish Year 12 will receive a Senior Statement, regardless of whether they have met the requirements for the award of a QCE. This statement is a transcript of the learning account that records all contributing studies and results achieved.

The Queensland Certificate of Individual Achievement (QCIA) recognises the achievements of students who undertake individualised learning programs.

To find out more about:

- credit for partial completion of courses
- credit transfer for intrastate, interstate and overseas transfers
- conceded semesters for subjects exited at a Limited Achievement
- student learning accounts
- relaxation of completed Core requirements
- notional Sound in a subject for meeting literacy or numeracy requirements
- recognised studies
- fact sheets and handbook...

visit www.qsa.qld.edu.au
To gain a **QCE** students need

- an **AMOUNT** of **LEARNING**
  - 20 credits

- a **SET STANDARD**
  - Sound Achievement, Pass or equivalent

- a **SET PATTERN**
  - at least 12 credits from a combination of Core courses of study
  - an additional 8 credits from any courses of study
  - meet literacy and numeracy requirements.

**About the QCE**

The Queensland Certificate of Education (QCE) is Queensland’s senior schooling qualification.

- The QCE is awarded to eligible students — usually at the end of Year 12.
- Students can still work towards a QCE after Year 12 or if they leave school.
- Learning options are grouped into four categories (see opposite).
- The QCE offers flexibility in what, where and when learning occurs.

**How the QCE works**

To achieve a QCE a student needs 20 credits in a set pattern.

- At least 12 credits must come from completed Core courses.
- Additional 8 credits can come from a combination of any courses.
- Students must achieve a Sound, Pass or equivalent to receive QCE credits.
- Literacy and numeracy requirements must be met (see opposite).

**Planning a QCE pathway**

QCE planning usually starts in Year 10.

- A Senior Education and Training (SET) Plan is developed to map a student’s future education and/or employment goals and their QCE pathway.
- Learning options include senior school subjects, vocational education and training, apprenticeships and traineeships, university subjects done while at school, recognised workplace learning, certificates and awards.
- Students choose their own QCE pathway — there are hundreds of possible course combinations.

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**Learning options and credit values**

**CORE**

- Authority or Authority-registered subjects
- Subjects assessed by a Senior External Examination
- VET Certificate II, III or IV qualifications (includes school-based traineeships that incorporate on-the-job training)
- School-based apprenticeships
- Tailored training programs
- Recognised international learning programs

- Per course (4 semesters)
- Certificate II
- Certificate III & IV
- Certificate III competencies
- On-the-job component

- 4
- 4
- 4
- 4
- 4

**PREPARATORY COURSES**

- VET Certificate I Vocational qualifications
- Employment skills development programs approved under the VET Act 2000
- Re-engagement programs
- Recognised certificates and awards
- Short course in literacy or short course in numeracy developed by the QSA

- (Max. of 2 qualifications can count)
- (Max. of 1 program can count)
- (Max. of 1 program can count)
- As determined by QSA
- Per course

- 2 or 3
- 2
- 2
- 1

**ENRICHMENT COURSES**

- Add value or complement Core courses of study
- Recognised certificates and awards
- Recognised structured workplace or community-based learning programs
- Authority extension subjects, such as English Extension
- School-based subjects

- As determined by QSA
- As determined by QSA
- As determined by QSA
- As determined by QSA
- As determined by QSA

- A maximum of 8 credits can contribute.

**ADVANCED COURSES**

- One or two-semester university subjects completed while enrolled at a school
- Competencies contributing to VET diploma or advanced diploma while enrolled at a school
- Recognised certificates and awards

- One-semester subject
- Two-semester subject
- Up to 8 credits (1 credit per competency)

- 2
- 4

---

**Literacy and numeracy requirements**

The QCE offers students a range of options to satisfy the literacy and numeracy requirements, including:

- at least a Sound Achievement in one semester of a QSA-developed English and Mathematics subject
- at least a Sound Achievement in QSA-developed short courses in literacy and numeracy
- competence in VET Vocational Literacy 3 (39153 Qld) and Numeracy 3 (39163 Qld)
- a Pass grade in a literacy and numeracy course recognised by the QSA
- at least a C on the Queensland Core Skills Test
- at least a 4 for an International Baccalaureate examination in English and Mathematics.
Accounting

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students must achieve at least a “C” or better in Year 10 English, and for Year 10 ESL students a “C” standard in Intermediate English (ELI) or an “A” standard in Pre-Intermediate English (PLI) is recommended to study Accounting in Years 11 and 12.

Course Organisation

Students are provided with opportunities to develop skills in managing financial resources that they can apply in the business environment, and also on a personal level.

- Introduction to Accounting process
- End-of-year reports and analysis
- Accounting for cash
- Accounting for inventories
- Analysis and Interpretation of financial reports
- Recording and control of non-current assets
- Internal Controls
- Accounting package: MYOB (Mind Your Own Business)
- Budgeting
- Personal Financing and Investing
- Cash Flow Statements

Assessment

Assessment techniques include:

- Practical Assessment
- Supervised Written Assessment
- Extended Responses

The modes under which these techniques can be conducted include exams and assignments. The types of items could include: practical exercises and calculations; short written responses; multiple choice, true/false, or sentence answers; business reports; multimodal or spoken presentations.

Special Features

- High achieving students in Year 12 have the opportunity to apply to be part of the Griffith University Business Program which provides direct-entry into a Business degree at the university for successful students.
Ancient History

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

It is not necessary for students intending to take Ancient History to have studied History as a subject in Years 9 and 10; however a basic level of competence in written communication is important. Students wishing to study Senior Ancient History therefore must have achieved at least a "C" Level in Year 10 English and elect to study Senior Authority English.

Course Organisation
The Ancient History course enables students to study these ancient civilizations across two years: Egypt, Mesopotamia, Western Asia, Greece, Rome, China and India.

The course is divided into four semester units and a number of themes:
Semester I: Studies of everyday lives and women in the ancient world

Semester II: Studies of conflict in the ancient world

Semester III: Studies of power and government

Semester IV: Studies of religion and philosophy; visual and performing arts.

Assessment
The assessment program follows a similar format in each semester, so that students can develop and improve their skills in:
- planning and using an historical process
- forming knowledge through critical inquiry
- communicating knowledge.

Assessment occurs at regular intervals and consists of both classroom tests and independent assignments:
- test essays
- document interpretation tests
- knowledge tests
- research assignments (written and oral).
Biology

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score for OP eligible students.

Students must achieve at least a high “C” Level in Year 10 Natural Science and Year 10 English to study Biology in Years 11 and 12. This is a language intensive course and students are expected to actively read scientific articles to increase background knowledge and stay up to date with new research.

Course Organisation

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>UNIT</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Requirements for life</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Reproduction and development</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Life - What is it?</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Changes in the environment</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
<td>Cells</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Detecting and reacting to change</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Disease</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td>Genetic inheritance</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Variation, natural selection and evolution</td>
</tr>
</tbody>
</table>

Assessment
The course is assessed over four criteria: Understanding Biology, Investigating Biology, Evaluating Biological Issues and Manipulative Skills.

Assessment tasks include written tasks (exams), extended response tasks (assignments) and extended experimental investigations each semester. Laboratory reports must be written up and handed in.

Special Equipment/Expenses
Field studies are an integral part of the course and, as it is mandatory, all students are expected to participate in an excursion in Semester two of Year 11. Costs vary and students will be notified early in the year.
BCT - Business Communication and Technologies

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students must achieve at least a “C” or better in Year 10 English, and for Year 10 ESL students a “C” standard in Intermediate English (ELI) or an “A” standard in Pre-Intermediate English (PLI) is recommended to study Business Communication and Technologies in Years 11 and 12.

Course Organisation

This course of study offers opportunities for students to engage in and understand a range of administrative practices through real-life situations and business simulations.

Topics of Study may include:

- Workplace health, safety and sustainability
- Managing workplace information
- Managing people
- Organisation and work teams
- Events Administration
- Financial Administration
- Business environments
- Industrial relations
- International business
- Social Media

Assessment

Assessment techniques include:

- supervised written tasks (extended written or short responses)
- written research tasks (analytical exposition, report, spoken or multimodal)
- extended response (written, spoken or multimodal)

Special Features

- High achieving students in Year 12 have the opportunity to apply to be part of the Griffith University Business Program which provides direct-entry into a Business degree at the university for successful students.
Business Management

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students must achieve at least a “C” or better in Year 10 English, and for Year 10 ESL students a “C” standard in Intermediate English (ELI) or an “A” standard in Pre-Intermediate English (ELP) is recommended to study Business Management in Years 11 and 12.

Course Organisation
The underpinning practices developed through teaching and learning experiences are: communication strategies and management strategies. There are six areas of study:

☐ Management Practices
☐ Business Development
☐ Marketing Management
☐ Operations Management
☐ Human Resource Management
☐ Financial Management

Assessment
Assessment techniques used include: exams, extended written responses, non-written (oral) presentations, written assignments and group projects. Whilst group work plays an important role in the completion of assessment for this subject, students will submit individual responses as a result of team activities.

Special Features
High achieving students in Year 12 have the opportunity to apply to be part of the Griffith University Business Program which provides direct-entry into a Business degree at the university for successful students.
Business Studies

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

There are no prerequisites for this subject.

Course Organisation

This SAS course is designed to provide an understanding of the world of business. This course allows students to develop work-readiness skills as they prepare for future employment and personal activities.

Topics studied:
- Events Management
- Business and Personal Finance
- Cash Management
- Business and Personal Insurance
- Sales and Marketing
- Retail
- Human Resource Management
- Career Development

Assessment
Assessment techniques used may include: role plays, oral presentations, written exams, projects (individual/group) and procedural applications.
Chemistry

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students must achieve at least a high “C” Level in Analytical Science, Extension Mathematics (or a “B” Level in Mathematics) and English to study Chemistry in Years 11 and 12.

Course Organisation

<table>
<thead>
<tr>
<th>Topic</th>
<th>Topic Contents</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Structure of Matter</td>
<td>Term 1</td>
</tr>
<tr>
<td>2</td>
<td>Bonding; intra and intermolecular</td>
<td>Term 1</td>
</tr>
<tr>
<td>3</td>
<td>Stoichiometry</td>
<td>Term 2</td>
</tr>
<tr>
<td>4</td>
<td>Gas Laws</td>
<td>Term 2</td>
</tr>
<tr>
<td>5</td>
<td>Water; a unique material</td>
<td>Term 3</td>
</tr>
<tr>
<td>6</td>
<td>Organic Chemistry</td>
<td>Term 4</td>
</tr>
<tr>
<td>7</td>
<td>Enthalpy, Entropy, Rate</td>
<td>Term 4</td>
</tr>
<tr>
<td>8</td>
<td>Shipwrecks and salvage</td>
<td>Term 5</td>
</tr>
<tr>
<td>9</td>
<td>Equilibrium</td>
<td>Term 6</td>
</tr>
<tr>
<td>10</td>
<td>Acids and Bases</td>
<td>Term 6</td>
</tr>
<tr>
<td>11</td>
<td>Organic chemistry Again</td>
<td>Term 7</td>
</tr>
<tr>
<td>12</td>
<td>Instrumental Analysis</td>
<td>Term 8</td>
</tr>
</tbody>
</table>

Assessment

The course is assessed by Supervised Assessments (Exams), Extended Response Tasks ERT (Assignments) and Extended Experimental Investigations EEI. Completion of the EEI and ERT tasks require a high standard of conceptual understanding, written expression and competence in mathematics.

The assessment tasks assess Knowledge and Conceptual Understanding, Investigative Processes, and the student’s ability in Evaluating and Concluding.
Chinese

Authority Subject

Students undertaking four semesters of this Authority Subject, who receive at least a Sound Level of Achievement, will gain 4 credits towards the awarding of the Queensland Certificate of Education. Chinese can also contribute to the calculation of an OP score.

Students are reminded that the study of Chinese is continuous and for the successful completion of Years 11 and 12 Chinese, students should have a comprehensive understanding of the Year 9 and 10 course and should have achieved at least a “C” Level or its equivalent.

Course Outline

Semester 1  Personal Description, Geography, Travel, Service and School

Semester 2  Festivals, Tourism, Sport and Adolescence

Semester 3  Short Stories, Fitness, Entertainment and Environment

Semester 4  Accommodation, Part-time Work, Future Plans and Business

Assessment

Throughout the course, the four macro skills – Listening and Reading, Comprehension and Writing and Speaking Composition are assessed separately and weighted equally when the overall achievement is calculated. Assessment is continuous throughout the course of study and is devised to provide the fullest and latest level of achievement.

Special Features

Griffith University, QUT and the University of Queensland have introduced a bonus scheme for year 12 students, which may improve their chances of selection for tertiary study courses. Students applying for courses at these institutions will be awarded two bonus rank points for passing a Language Other Than English. These bonus rank points may make applicants competitive for courses with higher OP requirement.
Dance

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students may select Dance in Years 11 and 12, if they have not studied Year 10 Dance. Please see Performing Arts Head of Department regarding any concerns with enrolling into senior arts programs and prerequisites.

Course Outline

Semester 1
- So You Think You Can Dance
- Movers and Shakers

Semester 2
- Traditions and New Directions
- Mind Body Soul

Semester 3
- On With the Show
- Awakenings

Semester 4
- Cutting Edge
- Swan Song

Assessment

Learning experiences and assessment tasks are divided equally across the 3 dimensions of Dance. Generally two of these areas will be assessed per unit of work:

- Choreography
- Performance
- Appreciation

Assessment instruments: Technique classes; solo/pair/small group/ensemble performances; solo/small group choreographic tasks, dance analysis essay, oral seminar with PowerPoint presentation, comparative essay, live dance critique.
Drama

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students may select Drama in Years 11 and 12, if they have not studied Year 10 Drama. Please see Performing Arts Head of Department regarding any concerns with enrolling into senior arts programs and prerequisites.

Course Outline

 Semester One:

<table>
<thead>
<tr>
<th>Unit One: Searching for Meaning: Exploration of Faith, Fate and Free Will – Exploring The Tragic Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greek Tragic Form</td>
</tr>
<tr>
<td>Elizabethan Tragic Form</td>
</tr>
<tr>
<td>Presentational styles</td>
</tr>
</tbody>
</table>

 Semester Two:

<table>
<thead>
<tr>
<th>Unit Two: Searching for Meaning within Ourselves and Others: Australian Society</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exploration of issues in contemporary society</td>
</tr>
<tr>
<td>Realism &amp; Stanislavski’s Acting Technique</td>
</tr>
<tr>
<td>Exploration of character</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit Three: Searching for Meaning through Symbolic Form - Artistic Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>The notion of symbolism within the Arts</td>
</tr>
<tr>
<td>The Elements of Drama &amp; Expressionism</td>
</tr>
<tr>
<td>Improvisation: response to stimulus</td>
</tr>
</tbody>
</table>

 Semester Three:

<table>
<thead>
<tr>
<th>Unit Four: Searching for Meaning in Politics and Power Structures – Whose Truth?</th>
</tr>
</thead>
<tbody>
<tr>
<td>The construction of truth</td>
</tr>
<tr>
<td>Theatre for empowerment and social reform (Brecht’s approach)</td>
</tr>
<tr>
<td>Drama as documentary</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit Five: Searching for Meaning in our own Backyard – Extended Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Theatre</td>
</tr>
<tr>
<td>Playbuilding</td>
</tr>
<tr>
<td>Australian text performance</td>
</tr>
</tbody>
</table>

 Semester Four:

<table>
<thead>
<tr>
<th>Unit Six: The Search for Meaning - The Joke’s On Us</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theatre of the Absurd</td>
</tr>
<tr>
<td>Contemporary Directions – performance art</td>
</tr>
</tbody>
</table>

Assessment

Learning experiences and assessment tasks are divided equally across the 3 dimensions of Drama. Two of these areas will be assessed per unit of work:

- Forming – entails students hypothesising, experimenting and making judgements as they select and structure, create and shape dramatic action and meaning.
- Presenting – entails the deconstruction and communication of dramatic action and dramatic meaning.
- Responding – involves students using the dramatic languages as an analytical framework to communicate their knowledge and understanding about drama and its meaning, informed by the dramatic perspectives.
Early Childhood

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

There are no prerequisites, however a genuine interest in working with, or the care of young children is recommended.

Course Organisation
Early Childhood consists of a study area core and a range of elective units. The elective units include:

| • social and emotional development of child | • accident prevention and safety |
| • physical development                        | • parenting styles and practices |
| • intellectual and language development       | • health and nutrition requirements |
| • the physical care of children               | • career pathways in Childcare |

Assessment
Continuous assessment is the means by which assessment instruments are administered at suitable intervals and by which student achievement is collected. There are three general assessment instruments in Years 11 and 12 Semester 1 and four general assessment instruments in Semester 2 of Years 11 and 12. General assessment tasks include multiple choice and short response tests, resource folio, research assignment, posters and pamphlets.
Economics

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

The course caters for students of varying abilities, interests, and aspirations. No specific background study is required although a "C" level in English in Year 10, as well as selection of Authority English in Years 11 and 12 is presumed. The field of inquiry of Economics is broad and may appeal to students who are Social Science oriented, as well as to students who are interested in Mathematics, Finance and Commerce.

Course Organisation
One core topic is studied each semester. The four core topics are:

1. Markets and Models
2. Contemporary Microeconomic Issues
3. Contemporary Macroeconomic Issues
4. International Economics

Five elective topics (at least one per semester) will also be studied.

1. Personal Economics
2. Globalisation and Trade
3. Industry and Market Concentration
4. Income and Wealth Distribution
5. Population

Assessment
Three items of assessment are given each semester and include short response tests, essays, research assignments and oral presentations.

Special features and requirements
Students of Senior Economics have an opportunity for involvement in University link courses in Economics and Business, attendance at University of QLD and Queensland University of Technology student lectures, and annual participation in the student economics competitions run by University of QLD and the Economics Teachers Association.
Engineering Technology

Authority Subject
The course will allow students to study the application of materials, engineering mechanics and control systems within an industrial and societal context.

Students undertaking Engineering Technology receive a result on their senior certificate. This subject can contribute to the calculation of an OP score.

Students need to achieve a “C” or better in English and Extension Mathematics. Students achieving a “B” or better in Core/Extension Mathematics will be eligible but will be required to sit for an interview to determine their suitability to the subject.

Course Outline
Engineering Technology is an applied study requiring activities involving investigative and/or experimental techniques. The subject is structured so that students cover the following prescribed areas of study and their associated study topics:

- Technology, Industry and Society
- Engineering Materials
- Engineering Mechanics
- Control Systems

Assessment
Assessment techniques used by MacGregor State High School will include short written response items, extended written response tasks, objective items, practical application items, responses to stimulus materials, project work and assignments.

The criteria are:

- Knowledge and Understanding
- Reasoning
- Communication

Special Features
Students who study Engineering Technology over 4 semesters and achieve a sound or better at exit will receive 2 bonus ranks for entrance to Engineering at QUT.
English

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

To study English in Years 11 and 12, students must achieve a minimum of a “C−” in 3 of the 4 written tasks, and 1 of the 2 spoken tasks in Year 10 English. If these criteria are not met, students will be required to study English Communication or to consider repeating Year 10 English in order to build up a skills base.

For Year 10 ESL English students, a “B” level is recommended to study Year 11 Authority English.

Course Outline
Students are exposed to a range of genres and are actively involved in developing skills in reading, listening, observing, speaking and writing.

The senior course focuses on the following units:

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Constructedness of Reality: <em>Truth Schmuth</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 2</td>
<td>Marginalised Voices: <em>Living on the Edge</em></td>
</tr>
<tr>
<td>Semester 3</td>
<td>Voices of the Past: <em>A long time ago, in a galaxy far, far away</em></td>
</tr>
<tr>
<td>Semester 4</td>
<td>Construction of self: <em>Mirror, mirror</em></td>
</tr>
</tbody>
</table>

Assessment
Student achievement levels are based on 6 tasks per year (either 4 written and 2 spoken, or 3 written and 3 spoken depending on each student’s strengths), covering a variety of written and spoken genres undertaken under a range of conditions. Year 11 tasks are formative assessment while Year 12 tasks are summative, providing the basis for an Exit Level of Achievement. To be awarded a Sound Achievement in English, students must meet or exceed the minimum requirements for Sound Achievement in BOTH written and spoken modes.
English Communication

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

While there are no prerequisites for this subject, students should have completed Year 10 English.

Course Outline
The following units are all part of the course.

<table>
<thead>
<tr>
<th>YEAR 11: Semesters 1 and 2</th>
<th>YEAR 12: Semesters 3 and 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Youth Culture</td>
<td>• Ethics</td>
</tr>
<tr>
<td>• Choices</td>
<td>• Gender</td>
</tr>
<tr>
<td></td>
<td>• Positioning</td>
</tr>
</tbody>
</table>

Assessment
Student achievement levels will be based on a variety of tasks each semester covering a range of spoken and written genres undertaken under a range of conditions. Students will be required to perform under conditions that will demonstrate their increasing independence.
English for ESL Learners

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP Score.

English for ESL Learners is an authority subject offered by QSA, as part of the English group of subjects. It is comparable to Authority English but provides ongoing language teaching within the context of the subject English. It is open only to students who have arrived in Australia within the last five years or who have come from a language background other than English. QSA has accepted a Sound Achievement in English for ESL Learners as the equivalent as a Sound Achievement in Authority English for tertiary entrance.

To study English for ESL Learners, students must have achieved a “C” or higher in ELI101 (Year 10 Intermediate ESL English) or “B” or higher in ELP101 (Year 10 Pre-Intermediate ESL English). Students who have studied ELE101 (Elementary ESL English) are recommended to do English Communication.

Course Organisation

The course is organised around three areas of study: Language for Academic Learning, Language of Literature and Language of the Media. These areas of study form the basis of each semester unit. The course focusses on the following units:

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>The Constructedness of Reality:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 2</td>
<td>The Migrant Experience</td>
</tr>
<tr>
<td>Semester 3</td>
<td>Oppression and the Fight for Freedom</td>
</tr>
<tr>
<td>Semester 4</td>
<td>The Wider World – Ethical Issues</td>
</tr>
</tbody>
</table>

Assessment

The assessment requirements of the course are similar to Authority English in terms of number of tasks and length of tasks. Students complete 5-6 tasks (4 written and 2 spoken). Students are assessed on the following criteria: Knowledge about Language, Cognitive Processes and Communication Skills. Year 11 tasks are formative while Year 12 tasks are summative, providing the basis for an exit level of achievement.
Film, Television and New Media

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

A “C” Level in Year 10 Media and/or English is recommended.

Course Outline

Throughout the two-year course, students develop technical and production skills through units of study. These are –

<table>
<thead>
<tr>
<th>YEAR 11</th>
<th>ASSESSMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>One Body, One Space, One Action</strong></td>
<td>Production Design Assignment +</td>
</tr>
<tr>
<td><strong>Short Film Design Suite and Individual Production</strong></td>
<td>Short Film Production</td>
</tr>
<tr>
<td><strong>Music Videography</strong></td>
<td>Written Critique</td>
</tr>
<tr>
<td><strong>Comparative Essay</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Music Videography</strong></td>
<td>Production Design Assignment +</td>
</tr>
<tr>
<td><strong>Music Video Design and Group Production</strong></td>
<td>Music Video Production</td>
</tr>
<tr>
<td><strong>Australian Broadcast Media – journalistic practices and the bias</strong></td>
<td></td>
</tr>
<tr>
<td><strong>filmmaking Video Essay Production</strong></td>
<td></td>
</tr>
</tbody>
</table>

Assessment

A wide range of assessment techniques is employed to judge student achievement. In Film, Television and New Media students are assessed under one or more of the following criteria per unit of study – Design (e.g. Treatments, Character Outlines, Scripts, Storyboards), Production (Camerawork, Video Editing, Animation, Video Game) & Critique (Written, Oral, Video Essay).
Geography

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

The recommended prerequisites for the study of Geography in Years 11 and 12 are to have achieved at least a “C” Level in Year 10 English and study of Senior Authority English in Years 11 and 12.

Course Organisation

The Senior Geography syllabus is designed around four themes and matching focus units. These include:

<table>
<thead>
<tr>
<th>Sem</th>
<th>Themes and focus units</th>
<th>Sem</th>
<th>Themes and focus units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Managing the Natural Environment</td>
<td>3</td>
<td>Resources and Environments</td>
</tr>
<tr>
<td>2</td>
<td>Social Environments</td>
<td>4</td>
<td>People and Development</td>
</tr>
</tbody>
</table>

Assessment

Assessment is continuous throughout the four semesters. Test instruments include short response tests, research reports utilising spatial technologies, field reports, practical exercises and stimulus response essay tests.

Special features and requirements

Excursions and field work are integral parts of the course of study and in all cases link directly to assessment tasks and are therefore mandatory. All students are expected to attend one major excursion per semester. Cost averages $25 per excursion.
German

Authority Subject
Students, undertaking four Semesters of this Authority Subject, who receive at least a Sound Level of Achievement, will gain 4 credit points towards the awarding of the Queensland Certificate of Education. German can also contribute to the calculation of an OP score.

Students are reminded that the study of German is continuous and for the successful completion of Years 11 and 12 German, students should have a comprehensive understanding of the Years 9 and 10 Course and should have achieved at least a “C” Level or its equivalent.

Course Outline
Semester 1  Self, Family Relationships and Community
Semester 2  Leisure, Recreation and Future Plans
Semester 3  Travel – the practical approach
Semester 4  Social Issues

Assessment
Throughout the course, the four macro skills – Listening Comprehension, Speaking, Reading Comprehension and Writing Composition are assessed separately and weighted equally when the overall achievement is calculated. All summative assessment is under exam conditions.

Special Features
Griffith University, QUT and the University of Queensland have introduced a bonus scheme for Year 12 students, which may improve their chances of selection for tertiary study courses. Students applying for courses at these institutions will be awarded two bonus rank points for passing a Language Other Than English. These bonus rank points may make applicants competitive for courses with higher OP requirements.
Graphics

Authority Subject

Graphics is a communication medium used by Engineers, Architects, Designers, Draftsmen and trades people. This subject explores the presentation of information and ideas through drawings and words. Graphics is an OP subject.

Students will engage in Manual Drafting (drawing boards), 3Dimensional computer modelling programmes, (Pro engineer), as well as computer aided drafting programmes (AutoCAD).

Students must have achieved at least a "C" Level in Year 10 Graphics to continue to study Graphics in Years 11 and 12.

Course Outline

Graphics engages students in solving design problems and presenting their ideas and solutions as graphical products. Students communicate solutions in the form of graphical representations using industry conventions where applicable.

During their course of study students will complete work that will utilise the following core subject matter :-

- Design process
- Design factors
- Graphical representations

Assessment

Assessment techniques used will include the presentation of design folios and examinations

The criteria are:

- Knowledge and understanding
- Analysis and application
- Synthesis and evaluation
Health Education

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students must achieve at least a “C” Level in Year 10 English and/or Health Studies to study Health Education in Years 11 and 12.

Course Outline

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Context</th>
<th>Issue</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Personal Health</td>
<td>Body Image</td>
<td>Exam Essay</td>
</tr>
<tr>
<td>Semester 2</td>
<td>Peer Health</td>
<td>Bullying</td>
<td>Action Research Report</td>
</tr>
<tr>
<td></td>
<td>Family Health</td>
<td>Modern Families</td>
<td>Research Report</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Impact of Gambling</td>
<td>Exam Essay</td>
</tr>
<tr>
<td>Semester 3</td>
<td>Community Health</td>
<td>Binge Drinking</td>
<td>Research Report</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Exam Essay</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Action Research Report</td>
</tr>
<tr>
<td>Semester 4</td>
<td>Health of Special Populations</td>
<td>Aboriginal Health</td>
<td>Exam Essay</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Research Report</td>
</tr>
</tbody>
</table>

Assessment

Students will be assessed as they respond to a variety of set tasks throughout the course. The assessment tasks are shown in the Course Outline table above.
Home Economics

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

To study Home Economics in Years 11 and 12, students must achieve at least a “C” Level in Year 10 English and those who have studied Food Studies in Year 10 need to have participated in at least 80% of practical lessons.

Course Organisation
The two year course of study in Home Economics draws upon three areas of study:

- Nutrition and Food
- Individuals, Families and Communities
- Textiles and Fashion

Assessment
Continuous assessment is the means by which assessment instruments are administered at suitable intervals and by which information on student achievement is collected. There are three assessment instruments used in each semester of the Senior program.

Assessment techniques include:
- Multiple choice and short response tests
- Reports
- Response to stimulus tasks
- Practical performance tasks

The three assessment criterion are:
- Knowledge and understanding
- Reasoning and communicating processes
- Practical performance

Special Equipment/Expenses
Students should be aware of the necessity to provide practical materials to meet the requirements of specific units of this course e.g. fabric, sewing equipment, ingredients and containers to take cooking home. Some resources will be provided for group activities and testing, but individual expenses will be the responsibility of the student.
Horticulture

Agricultural and Horticultural Studies, Approach B Recreation and Amenity Horticulture

Authority Registered Study Area Specifications (SAS)

Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

Course Organisation

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Careers in Horticulture</td>
<td>Garden Design</td>
</tr>
<tr>
<td>Safety</td>
<td>Landscaping Skills</td>
</tr>
<tr>
<td>Plant Identification</td>
<td>Turf</td>
</tr>
<tr>
<td>Nursery Practices</td>
<td>Calculations with Concrete</td>
</tr>
<tr>
<td>Semester 2</td>
<td>Semester 4</td>
</tr>
<tr>
<td>Communication Skills</td>
<td>Workshop Practices</td>
</tr>
<tr>
<td>Hydroponics</td>
<td>Machinery</td>
</tr>
<tr>
<td>Garden Maintenance</td>
<td>Plant Folio</td>
</tr>
<tr>
<td>Safety (Fire control)</td>
<td></td>
</tr>
<tr>
<td>Bonsai</td>
<td></td>
</tr>
</tbody>
</table>

Assessment

Short answer response, multiple choice, project work and teacher observation of student skills.
Hospitality

Authority Registered Study Area Specifications (SAS)

Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

To study Hospitality in Years 11 and 12, students who have studied Food Studies in Year 10 need to have participated in at least 80% of practical lessons.

Course Organisation

Hospitality provides opportunities for students to use their creativity and derive satisfaction from working with resources as they prepare for future employment and personal activities.

Learning experiences may include:

- Knife skills, garnishing, food handling
- Food preparation - entrées, main courses, desserts
- Evaluating the suitability of a range of foods for different situations and customers
- Planning menus within the constraints of kitchen equipment, utensils, resources and skills
- Designing a product, completing requisitions and order forms, and purchasing commodities
- Special events – coffee shops, restaurants, mocktail parties, catering for school activities
- Beverage preparation and service

Assessment

Continuous assessment is the means by which assessment instruments are administered at suitable intervals and by which student achievement is collected. There are four general assessment instruments used in each semester of the senior program. General assessment tasks include multiple choice and short response tests, written reports, practical functions.

The three assessment criteria are:

- Practical skills and application
- Planning and decision making
- Knowledge

Special Equipment/Expenses

Students will need to provide resources (ingredients) to meet the requirements of specific units of the course. “Black and White” hospitality attire is required for function work. Health and Safety regulations require that all students must wear black enclosed leather shoes for practical experiences. Letters will be given to families, via their student, at the beginning of each semester outlining full details. Some extra costs may be incurred with excursions. These will be kept to a minimum with local facilities and industries being accessed where possible.
Industrial Technology Studies

Authority Registered Study Area Specifications (SAS)

Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

While there are no prerequisites for this subject, the prior study of Timber and Metal Design, Junior Industrial Technology Studies and Graphics would be an advantage.

Course Outline

Students will work through a range of projects designed to allow them to gain experience and skills in the use of a wide range of tools, equipment and materials commonly used in industry. Some projects will require students to work individually and others will require them working in teams of three or four. Projects may include; an occasional table, welding and machine work, hack saw, cubby house construction (group activity) and a wood turning project.

Students will complete a number of written tasks throughout the course, these will relate to workplace health and safety, project planning, estimating and various drawing methods. Students will be required to maintain a log book outlining the work carried out on each project.

During Term 4 of Year 12 students may be able to design and manufacture a project of their choice. Projects must be suitable for construction within the manufacturing workshops and must have the approval of the class teacher.

Assessment

Students will be assessed on each project and their written tasks. Students will be rated using an A to E scale using three criteria.

- Knowledge and Understanding
- Applied Process
- Practical Skills
ICT - Information Communications Technology

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

There are no prerequisites for this subject; however, access to computers is necessary for students to complete tasks in their own time.

Course Outline

<table>
<thead>
<tr>
<th>Activities undertaken:</th>
<th>Brief Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Still Digital Imaging</td>
<td>Produce and edit digital photographs to create effective photo montage, collage and mosaic displays</td>
</tr>
<tr>
<td>Game Development</td>
<td>Design, produce and promote an interactive game</td>
</tr>
<tr>
<td>Online Communication</td>
<td>Design and develop a website</td>
</tr>
<tr>
<td>App Development</td>
<td>Design and produce Apps for use on tablets and smart phones</td>
</tr>
</tbody>
</table>

Assessment
This subject is project-based and does not consist of exams. Assessment techniques used include: individual and team projects using class and student’s own time.
IPT - Information Processing and Technology

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject can contribute to the calculation of an OP score.

To study IPT students must have achieved a minimum of a “C” in Year 10 English and, have studied either Year 10 Mathematics Extension/Honours or Year 10 Mathematics. For Year 10 Mathematics, students must have achieved a minimum of a “C”.

Course Outline
This course is a spiralled and integrated course. Topics studied in earlier semesters form the basis for the study of topics in later semesters.

Semester 1: Introduction to algorithms and software programming, introduction to relational information systems, Structured Query Language (SQL)

Semester 2: Algorithms and software programming, social and ethical issues, computer and human interaction, minor project, relational information systems, Structured Query Language (SQL)

Semester 3: Advanced Algorithms and software programming, advanced relational information systems, Structured Query Language (SQL), minor project

Semester 4: Advanced software programming, advanced Structured Query Language (SQL), major project, social and ethical issues, computer and human interaction, Intelligent systems and social and ethical implications

Participation in the school’s laptop program would be advantageous for students choosing this course of study as subject content is computer based using eLearn and OneNote for the dissemination and completion of class and assessment notes and tasks. The use of the laptop would also assist with the transfer of files from school to home, minimising issues with compatibility and loss of data.

Assessment
On all assessment tasks students will be assessed on the criteria of Knowledge and Application, Analysis and Synthesis, and Evaluation and Communication.

Types of assessment will include:
Extended responses (folios, case studies, essays), Products (minor and major projects), Supervised written exams.
Japanese

Authority Subject
Students undertaking four semesters of this Authority Subject, who receive at least a Sound Level of Achievement, will gain 4 credits towards the awarding of the Queensland Certificate of Education. Japanese can also contribute to the calculation of an OP score.

Students are reminded that the study of Japanese is continuous and for the successful completion of Years 11 and 12 Japanese, students should have a comprehensive understanding of the Years 9 and 10 course and should have achieved at least a “C” level or its equivalent.

Course Outline
Semester I  Hobbies, Interests, Shopping, Environment
Semester II  Future Plans, Student Exchanges
Semester III  Personal Description, Relationships, Celebrations, Housing and Accommodation
Semester IV  Family Life, Roles in Society, Advertising, Social Issues

Assessment
Throughout the course, the four macro skills – Listening and Reading Comprehension and Writing and Speaking Composition are assessed separately and weighted equally when the overall achievement is calculated. Assessment is continuous throughout the course and is devised to provide the fullest and latest level of achievement.

Special Features
Griffith University, QUT and the University of Queensland have introduced a bonus scheme for Year 12 students, which may improve their chances of selection for tertiary study courses. Students applying for courses at these institutions will be awarded two bonus rank points for passing a Language Other Than English. These bonus rank points may make applicants competitive for courses with higher OP requirements.
Legal Studies

Authority Subject

Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students must achieve at least a “C” level or better in Year 10 English, and for Year 10 ESL students a “C” standard in Intermediate English (ELI) or an “A” standard in Pre-Intermediate English (PLI) to study Legal Studies in Years 11 and 12.

Course Outline

<table>
<thead>
<tr>
<th>Core Areas of Study</th>
<th>Elective topics may be chosen from the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ The Legal System</td>
<td>□ Civil wrongs (torts) and the law</td>
</tr>
<tr>
<td>□ Human Rights</td>
<td>□ Employment and the law</td>
</tr>
<tr>
<td>□ Introduction to Civil Obligations</td>
<td>□ Environment and the law</td>
</tr>
<tr>
<td>□ Criminal Law</td>
<td>□ Family and the law</td>
</tr>
<tr>
<td></td>
<td>□ Housing and the law</td>
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<td></td>
<td>□ Indigenous Australians and the law</td>
</tr>
<tr>
<td></td>
<td>□ International law</td>
</tr>
<tr>
<td></td>
<td>□ Sport and the law</td>
</tr>
<tr>
<td></td>
<td>□ Technology and the law</td>
</tr>
</tbody>
</table>

Assessment

Assessment techniques used include: exams, extended written tasks, multimedia presentations, non-written (oral) presentations, inquiry tasks and assignments.
Mathematics A

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject can contribute to the calculation of an OP score.

Students must achieve a minimum of a “C” in Year 10 Mathematics or an “A” in Year 10 Mathematics Foundations to study Mathematics A in Years 11 and 12.

Course Outline
This course is a spiralled and integrated course with topics studied in earlier semesters forming the basis for the study of topics in later semesters.

Semester 1: Data collection and presentation, Elements of applied geometry, Managing money, Exploring and understanding data, Linking two and three dimensions

Semester 2: Managing money, Elements of applied geometry, Data collection and presentation, Exploring and understanding data, Linking two and three dimensions

Semester 3: Managing money, Exploring and understanding data, Operations research – networks, Land measurement

Semester 4: Managing money, Exploring and understanding data, Operations research – queuing, Land measurement

Assessment
Mid and End Semester exams (supervised exam conditions):
The criteria used to assess student performance are:
Knowledge and Procedures, Modelling and Problem Solving, Communication and Justification

Extended Modelling and Problem Solving tasks (assignment type tasks):
The criteria used to assess student performance are:
Knowledge and Procedures, Modelling and Problem Solving, Communication and Justification
Mathematics B

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject can contribute to the calculation of an OP score.

Students must achieve a minimum of a “C” in Mathematics Extension or Honours Mathematics or an “A” in Mathematics to study Mathematics B in Years 11 and 12. Students studying Mathematics B may have to cover extra algebra in their own time to ensure their skills are up to standard.

Course Outline
This course also aims to prepare students for tertiary mathematics. This course is a spiralled and integrated course with topics studied in earlier semesters forming the basis for the study of topics in later semesters.

Semester 1: Introduction to functions, Applied statistical analysis, Exponential and logarithmic functions, Periodic functions and applications
Semester 2: Exponential and logarithmic functions, Introduction to functions, Periodic functions and applications, Rates of Change
Semester 3: Exponential and logarithmic functions, Rates of Change, Periodic functions and applications, Introduction to Integration
Semester 4: Optimisation, Applied statistical analysis, Exponential and logarithmic functions

Assessment
Mid and End Semester exams (supervised exam conditions):
The criteria used to assess student performance are:
Knowledge and Procedures, Modelling and Problem Solving, Communication and Justification

Extended Modelling and Problem Solving tasks (assignment type tasks):
The criteria used to assess student performance are:
Knowledge and Procedures, Modelling and Problem Solving, Communication and Justification
Mathematics C

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject can contribute to the calculation of an OP score.

- Students must achieve a minimum of a “C” in Mathematics Extension or Honours Mathematics to study Mathematics C in Years 11 and 12.
- Students must also study Mathematics B.

Course Outline
This course is a spiralled and integrated course consisting of core topics and at least two option topics. Topics studied in earlier semesters form the basis for the study of topics in later semesters.

Semester 1: Introduction to groups, Real and complex numbers, Matrices and applications, Vectors and applications, Structures and patterns
Semester 2: Matrices and applications, Vectors and applications, Real and complex numbers, Structures and patterns, Conics, Advanced periodic and exponential functions
Semester 3: Structures and patterns, Real and complex numbers, Vectors and applications, Conics, Advanced periodic and exponential functions, Calculus
Semester 4: Vectors and applications, Conics, Calculus, Advanced periodic and exponential functions

The option topics at this school are:
Conics, and Advanced Periodic and Exponential Functions. These topics are automatically included in the course of study.

Assessment
Mid and End Semester exams (supervised exam conditions):
The criteria used to assess student performance are:
Knowledge and Procedures, Modelling and Problem Solving, Communication and Justification

Extended Modelling and Problem Solving tasks (assignment type tasks):
The criteria used to assess student performance are:
Knowledge and Procedures, Modelling and Problem Solving, Communication and Justification
Modern History

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

To study Modern History a basic level of competence in English is expected therefore it is recommended that students have achieved at least a “C” Level in Year 10 English and elect to study Authority English in Years 11 and 12. Any Social Science including History, Geography, Economics and Tourism studied at Junior level provides a useful background, as is an interest in, and understanding of, historical and current events.

Course Organisation
The units include:

Semester I: Studies of Conflict
Semester II: Studies of Hope
Semester III: Studies of Power
Semester IV: Studies of Diversity

Assessment
Assessment is conducted two times in Semesters I, II and IV, and three times in Semester III. Assessment consists of short answer tests including documents, exams involving extended written responses to historical evidence, written research assignments and multi-modal seminar presentations (research and oral presentation) incorporating technology. Students will be assessed on their ability to learn facts, research information, interpret, analyse and evaluate various sources, and in turn communicate their understanding through logical argument. Their assessment will involve both supervised work in class and independent work in the student's own time.
Music

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students may select Music in Years 11 and 12, if they have not studied Year 10 Music. It is recommended students achieve at least a "C" in Year 10 Music if studied, OR that they are of equivalent standard. e.g. participated in Instrumental/Vocal Music program, AMEB exams, etc. Please see Performing Arts Head of Department regarding any concerns with enrolling into senior arts programs and prerequisites.

Course Outline

<table>
<thead>
<tr>
<th>UNIT</th>
<th>TOPIC</th>
<th>UNIT</th>
<th>TOPIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The Inspiration of Music (Analysing Repertoire)</td>
<td>4</td>
<td>From Tragedy to Triumph (Analysing Repertoire and Composing)</td>
</tr>
<tr>
<td>2</td>
<td>Express Yourself (Composing)</td>
<td>5</td>
<td>From Page to Stage (Performing)</td>
</tr>
<tr>
<td>3</td>
<td>Standing Ovation (Performing)</td>
<td>6</td>
<td>Encore (revisit one assessment dimension)</td>
</tr>
</tbody>
</table>

Assessment
Students will be assessed as per the three dimensions:
- *Analysing repertoire*: extended written assignment, exam or oral presentation
- *Composing*: song writing for voice and instruments
- *Performing*: choice of singing, playing or conducting – solo and ensemble.
Music Extension (Year 12 only)

Authority Subject
Music Extension can contribute to the calculation of an OP score for two semester units; is studied in Year 12 concurrently to Year 12 Music and only if Year 11 Music has been completed. It provides excellent training for students who wish to pursue a musical career, preparing them for audition requirements into tertiary courses.

Music Extension is designed to offer more challenge than Senior Music. The challenge of the subject includes expectations of accelerated independence, increased cognitive, expressive, musical demands and assessment task requirements. Students choose from one of the three specialisations — Composition, Musicology or Performance.

Through a focused study of one of three specialisations, students are assessed in two areas: investigating and realising. The Investigating Task is an independent research task that all members do, regardless of specialisation. This task is designed by the student in collaboration with the teacher. It can be presented in a genre of choice which can include an extended written paper, a multi-media presentation, interview or seminar. Two Realising Tasks are presented on the student’s chosen specialisation:

Composition
Composition students:
- Create original scores exploring, following or breaking composing conventions.
- Create in original or established styles or genres that allow them to best display their emerging skills as a composer - all contexts, genres and styles are of equal importance and validity.
- Can present film music, music for advertising, incidental music, multimedia works.
- May compose for solo instrument/voice, ensemble and be generated via ICT.

Musicology
Musicology is the study of music, distinct from composition or performance. Students analyse music and explore to greater depth the complex relationships between deconstructed music and the concepts of context, genre, style, influences, impact and socio-cultural perspectives. The musicologist presents a critical evidence-based argument about reasoned discourse concerning music.

The range of fields within Musicology includes:
- Historical musicology
- Ethnomusicology
- Philosophy of music
- Psychology of music
- Acoustics

Students can present in a genre of their choice: critical analysis essay, oral presentation or multi-media presentation.

Performance
Performance students:
- Perform as soloists, as members of an ensemble of no more than eight, as an accompanist or as a conductor. Their program may include just one or any combination of these performance situations. In the case of students who nominate to conduct, they may direct a variety of ensembles and are required to conduct from a score. Instrumental/Vocal Music Program Ensembles qualify.
- Students must elect to perform on one instrument, to sing or conduct.
- Select repertoire in the style or genre to best display their performance skills.
- Present a convincing stylistic performance, demonstrating secure technique which supports the expressive nature of their performance program, regardless of performance difficulties.
- Select effective performance formats for expressing their chosen repertoire - concert recital, rock concert, musical video clip or conceptual art music performance.
Performance Studies: Creative Arts

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

Students should obtain advice on entry to the subject from the Performing Arts Department prior to selecting this subject. Please see Performing Arts Head of Department regarding any concerns with enrolling into senior arts programs and prerequisites.

Course Outline
  Semester 1
    • Dance or Drama Performance
    • Media in the Making
  Semester 2
    • At the Movies
    • Arts Funding
  Semester 3
    • Community Arts
  Semester 4
    • Event Management
    • Creative Make-Up Design
    • Auditioning

Assessment
Performance Studies is assessed in 3 areas: Presenting (Expressing), Creating (Exploring) and Responding (Knowing). All tasks undertaken in Year 11 are Formative and all tasks undertaken in Year 12 are Summative.
Physical Education

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

Students must achieve at least a “C” Level in Year 10 English and/or Sports Science to study Physical Education in Years 11 and 12.

Course Outline
During the course students will study four physical activities. The four chosen will vary according to circumstances such as staff expertise, facilities available, timetable structures, etc. The following is a list of options which also shows the content link to the physical activity. Year 12 will be the same as Year 11 but will be at a higher level and count towards a final level of achievement.

- **Term 1**  Badminton/Tennis (Learning Physical Skills)
- **Term 2**  Basketball/Touch (Biological Bases of Training and Exercise)
- **Term 3**  Athletics (Field) (Physical Activity in Australian Society)
- **Term 4**  Volleyball (Learning Physical Skills)

Assessment
Assessment will be a combination of practical work in drill situations, modified games and games (videotaped), log books, journals, oral presentations, assignments and exams.

There are three general objectives which are addressed in all units and used to determine levels of achievement: Acquiring, Applying and Evaluating.
Physics

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score for OP eligible students.

Students must achieve at least a high “C” Level in Analytical Science, Extension Mathematics (or a “B” level in Mathematics) and English to study Physics in Years 11 and 12.

It is strongly recommended that students choosing Physics also need to be doing Mathematics B in Years 11 and 12.

Course Outline
Semester One: Measurement; Motion and Force, Thermal Physics
Semester Two: Energy; Momentum; Electricity, Magnetism and Electronics
Semester Three: Atomic and Nuclear Physics, Wave theory
Semester Four: Rocket Science and Relativity and Quantum Physics

Assessment
Students are required to undertake supervised assessments (exams) along with an Extended Experimental Investigation (EEI) and two Extended Research Tasks (ERT) in both Year 11 and Year 12. Completion of the EEI and ERT tasks require a high standard of conceptual understanding, written expression and competence in mathematics.

These tasks assess the student's ability in Knowledge and Conceptual Understanding, Investigative Processes and Evaluating and Concluding.

Special Equipment/Expenses
Year 11 students are expected to attend a one-day excursion to DreamWorld in August. This trip is the basis for the Semester 2 ERT. Cost will be notified.
Prevocational Mathematics

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

Students must have completed Year 10 Mathematics.

Course Outline
The course of study is based on five topics: Number, Data, Location and Time, Measurement, and Finance. The topics are taught through the study of the following themes:

Year 11:
• Motor Vehicles
• Travel
• Earning and Spending
• Health and exercise

Year 12:
• Leaving Home
• Investing
• Lifestyle issues
• Events Management

Assessment
Assessment techniques may include:
- Exams, assignments, projects, investigations, completion of a folio of work (worksheets and reports).

The criteria used to assess student performance are:
- Knowing: demonstrated knowledge of content and given rules, procedures to carry out simple tasks.
- Applying: interpreting and analysing a situation to develop mathematical strategies to perform tasks.
- Explaining: use of basic mathematical and everyday language to present and explain responses.
Recreation
Approach B - Recreation (6206)

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

While there are no prerequisites, a broad interest in participation in physical activities is helpful for success in this subject. It is possible to join this subject part way through the course.

Course Outline
Students study a mix of the following units.

Semester 1  In the Gym, Ultimate Disc and Sport Fitness
Semester 2  Flag Football, Touch Officiating and Leadership
Semester 3  Coaching Skills, Indoor Soccer Officiating and CPR/First Aid
Semester 4  Basketball/Netball, Tournament Organisation, Darts and Snooker

Assessment
A variety of test instruments will be used with a heavy emphasis on participation and involvement in class activities. Some written and oral assessment is required.
Science 21 "Science for the 21st Century"

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score for OP eligible students.

Students must achieve at least a high "C" level in any one of Year 10 Science/Analytical Science/Natural Science to study Science 21 in Years 11 and 12 and a high "C" level in English.

Course Outline - Year 11 and Year 12

<table>
<thead>
<tr>
<th>UNIT</th>
<th>TOPIC</th>
<th>UNIT</th>
<th>TOPIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Forensics</td>
<td>5</td>
<td>Mimosa Creek</td>
</tr>
<tr>
<td>2</td>
<td>Staying Healthy</td>
<td>6</td>
<td>Eco-friendly house</td>
</tr>
<tr>
<td>3</td>
<td>Energy in the 21st Century</td>
<td>7</td>
<td>Biotechnology and modern medicine</td>
</tr>
<tr>
<td>4</td>
<td>Energy Efficient Transport</td>
<td>8</td>
<td>Science to the Rescue</td>
</tr>
</tbody>
</table>

Four general contexts form the background to Science 21: technology, health and wellbeing, catalysts for discovery, and the environment.

Assessment
Assessment of the three criteria: Knowledge and Conceptual Understanding, Investigative Processes, Issues and Impacts is carried out by supervised assessments, extended practical investigations, non-experimental investigations, and collections of work. Completion of the Extended Practical Investigations at an "A" level will require a high standard of written expression, as well as competence in mathematical and conceptual understanding.

Special Equipment/Expenses
There will be costs associated with Excursions and Field Trips.
Social and Community Studies

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

There are no prerequisites for this subject.

Course Outline
The course provides opportunities to be involved in practical, hands-on experiences from a broad range of learning areas such as Business and Technology, Home Economics, Health and Physical Education, SOSE.

The following is a list of possible topics:

<table>
<thead>
<tr>
<th>Australia - the inside story</th>
<th>Health, Recreation and Leisure</th>
</tr>
</thead>
<tbody>
<tr>
<td>How to be a discerning consumer</td>
<td>Personal Economics – Money Management</td>
</tr>
<tr>
<td>Legally it could be you</td>
<td>The World of Work</td>
</tr>
<tr>
<td>Food, Nutrition and the Community</td>
<td>Australia’s place in the World</td>
</tr>
</tbody>
</table>

Assessment
Assessment techniques used include: exams, written responses, teacher observations, oral/visual presentations; major community projects and performance presentations.
Tourism

Authority Registered Study Area Specifications (SAS)
The achievement of at least a Sound Level of Achievement in Tourism will gain credit towards the achievement of a Queensland Certificate of Education (QCE). It will not contribute towards the calculation of an OP.

While there are no prerequisites for this subject, students will need a reasonable level of English skills to cope with the literacy-based tasks in this subject, as well as an ability to deliver presentations to an audience.

Course Organisation
The course of study is in accordance with the requirements outlined in the QSA Study Area Specification (SAS) for Tourism.

The Tourism study area core is based on these four units:
- The dynamic nature of global tourism
- The nature of tourism - implications of sustainable tourism
- Tourism information - sources, types and effective delivery of this information
- Tourism as a business - development and operations of a tourism enterprise.

The units of work will be selected from the following electives.
- Introduction to tourism
- Tourists - who are they?
- Tourism in the local area
- Customer relations and interpersonal skills
- Workplace health and safety
- Travel agency operations
- Tour guiding
- Overseas destinations
- Australian destinations and attractions
- Current events and issues affecting tourism

Students are required to bring to the subject a desire to acquire skills related to possible future employment within the Tourism industry.

Assessment
The type of assessment procedures include:
- Objective and short answer response tests
- Written responses such as short letters, reports, brochures, folios
- Response to stimulus tasks
- Project and practical work
- Non-written presentations such as multi-modals and seminars
- Site visit report

Special Features and Requirements
Students are required to purchase a hard covered A4 notebook for class and assignment work. Site visits and field work are an integral part of the course, and it is mandatory for students to attend one excursion per semester. Costs will range from $10 - $50 depending on the destination.
Visual Art

Authority Subject
Students undertaking an Authority Subject who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education and this subject can contribute to the calculation of an OP score.

A “C” Level in Year 10 Art or English is recommended.

Course Outline
In Year 11, students undertake a diversified study program investigating painting, drawing, sculpture, electronic imaging, design and printmaking. In Year 12, students specialise their study focusing on media areas of interest to them.

<table>
<thead>
<tr>
<th>YEAR 11</th>
<th>MEDIA FOCUS</th>
<th>ASSESSMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
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<td></td>
</tr>
<tr>
<td>Environment</td>
<td>Experimental Work</td>
<td>Foundation Folio</td>
</tr>
<tr>
<td>Things</td>
<td>Drawing/Painting</td>
<td>Major Drawing/Painting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Appraising Essay</td>
</tr>
<tr>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Object as Art</td>
<td>2D &amp; 3D Construction</td>
<td>Printmaking</td>
</tr>
<tr>
<td>Object as Symbol</td>
<td>Sculpture</td>
<td>Sculpture</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Appraising Essay</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>YEAR 12</th>
<th>MEDIA FOCUS</th>
<th>ASSESSMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public</td>
<td>Student selection</td>
<td>2 Major Practical Assignments</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Major Extended Written</td>
</tr>
<tr>
<td>Semester 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private</td>
<td>Student selection</td>
<td>2 Major Practical Assignments</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Major Extended Written</td>
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</tbody>
</table>

Assessment
Throughout Years 11 and 12 students complete major practical items in selected media per term/semester and one extended written essay per semester. Written /visual documentation of thinking, idea development, etc. that demonstrates the development of student ideas and experimentation with media is to be presented in a visual diary and must accompany each practical item of assessment.
Visual Art Studies - Textiles and Fashion
Creative Arts – Strand I – Visual Art Studies

Authority Registered Study Area Specifications (SAS)
Students undertaking an Authority Registered SAS who receive at least a Sound Level of Achievement will gain credits towards the awarding of the Queensland Certificate of Education. This subject does not contribute to the calculation of the OP score.

While there are no prerequisites for this subject, some basic sewing skills and an interest in this area is desirable. Junior Home Economics or Textile Studies would be helpful. Students must have basic sewing machine skills in order to do Semesters 3 and 4.

Course Organisation

<table>
<thead>
<tr>
<th>Unit</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Fibre Sculptures (Toys)</td>
</tr>
<tr>
<td>2</td>
<td>Rugs and Quilts</td>
</tr>
<tr>
<td>3</td>
<td>Dress Your House (Wall Hangings)</td>
</tr>
<tr>
<td>4</td>
<td>Dress Your House (Household Items)</td>
</tr>
<tr>
<td>5</td>
<td>Wearable Art</td>
</tr>
<tr>
<td>6</td>
<td>Just for You (Clothing suitable for you)</td>
</tr>
<tr>
<td>7</td>
<td>Small Business</td>
</tr>
<tr>
<td>8</td>
<td>Small Business</td>
</tr>
</tbody>
</table>

Assessment
Continuous assessment is the means by which assessment instruments are administered at suitable intervals and by which information on student achievement is collected. There are four assessment instruments used in each semester of the senior program. Assessment techniques include:

- Practical sewing
- Technique folio
- Theory exam
- Process journal
- Oral evaluation
- Small business activity

The three assessment criteria are:
- Exploring
- Knowing
- Expressing

Special Requirements
Students should be aware of the necessity to provide equipment and fabrics for this course and associated costs involved.