GYMPIE
STATE HIGH SCHOOL

2017

SENIOR
SUBJECT
GUIDE

RESILIENCE DIVERSITY SUCCESS TRADITION

‘Gold from the mines as well as the school…’
# Authority Subjects

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<td>Music</td>
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<td>Music Extension – Year 12 Only</td>
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<td>Physical Education</td>
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INTRODUCTION

Our Curriculum has been developed to assist students with choosing a course of study which will aid them in their future career needs. The wide range of subject offerings at Gympie State High School will cater for individual interests and abilities, and provide for their future personal needs as they journey through the senior phase of education.

For many, being a Senior is a new beginning. It will be a time for undertaking new and relevant subjects, enhancing skills in knowing how to learn, refining approaches to study, developing self-discipline, learning to work as part of a team and increasing one’s life chances by developing work related competencies.

In order to reap the full benefits of senior study, students need to have a positive attitude and a desire to work hard to achieve high standards (students should be prepared to complete around three hours homework a night). It is easier to be focused on the work that needs to be done if students choose subjects that they like, that they are good at and that will help them achieve their goals after school.

Read this Senior Subject Information Booklet carefully as it provides you with information to help you make informed decisions in relation to your future.

STUDENT OUTCOMES

Gympie State High School monitors student achievement and progress each semester to ensure students are engaged and making the most of their education. The aim is to have every student who completes Year 12 exit with one or more of the following qualifications:

1. Queensland Certificate of Education (QCE) or the Queensland Certificate of Individual Achievement (QCIA),
2. Overall Position (OP),
3. Completed a VET Certificate,
4. Completed a School-based Apprenticeship/Traineeship

NOTE: Students who are not OP eligible must participate in a VET Certificate Course. This is important to increase the likelihood of our students exiting with a qualification.

QUEENSLAND CERTIFICATE OF EDUCATION (QCE)

To be awarded a QCE, students will need to achieve a significant amount of learning, including set standards in literacy and numeracy. To qualify for a QCE students need to accumulate 20 credits. A credit is awarded for a unit of study if a minimum standard has been met (eg Sound Achievement, a C standard, competent) depending on what assessment grade the course uses.

In order for students to be successful in gaining the QCE, students, parents and schools will work together to agree on a plan of study for the Senior Phase of Learning. This will be developed in the form of a Senior Education and Training (SET) Plan or career plan. The SET plan helps students structure their learning around their abilities, interests and ambitions.
You need

20 credits

at a set standard

Sound Level of Achievement, Pass or equivalent

in a set pattern

at least 12 credits from completed Core courses of study plus an additional 8 credits from a combination of any courses of study

but a maximum of 6 credits from Preparatory courses of study

and meet literacy and numeracy requirements

To gain a QCE
QUEENSLAND CERTIFICATE OF individual achievement (QCIA)

To be awarded a QCIA, students must have a history of learning difficulty or a diagnosed disability. Achievements are recognised in positive statements under the following organisers; Communication and Technology, Cultural, Community and Environment, Personal Living Dimensions, Vocational Development, and Recreation and Leisure. To be eligible for a QCIA, students must be enrolled in a maximum of three core subjects (Authority, Authority Register or VET subjects), with the remainder of the program comprising of modified subjects from the Learning Partnership Program.

LEARNING PARTNERSHIPS PROGRAM (LPP) FOR SENIOR STUDENTS

Who should enrol in this program?

Students who have been enrolled in Learning Partnerships Program in the Junior School or have a history of learning difficulties should consider these programs. Students will receive a QCIA at the end of Year 12, which sets out positive statements about the students ability within these organisers Communication and Technology, Cultural, Community and Environment, Personal Living Dimensions, Vocational Development, and Recreation and Leisure.

What subjects or Programs can I do?

1. Students can do all of the Learning Partnerships Programs listed below, or
2. Students can continue in the same classes they are enrolled in but at a modified level. This needs to be negotiated between the HOSES, Head of Department, teacher, parent and student.

To qualify for a QCIA, students can only be enrolled in a maximum of 3 core subjects (Authority, Authority Register or VET subjects).

Learning Partnerships Programs:

* Alternative Program – Café: puts students into a real life kitchen setting within the school.
* Alternative Program – Garden: involves building, growing, caring for and harvesting plants that will be used in the Café. These two Alternative Programs link in with Recreation and Leisure, as well as Community and Environment.
* Practical English and Mathematics: for students with learning difficulties who require more support and do not meet the standard Literacy and Numeracy required for the QCE. These two programs link in with Communication and Technology.
* My Life Journey: is a program that develops independent living skills for young people in a modern society. A certificate in IT is built into this program and links with the Personal Living Dimensions.
* Workplace Learning: prepares students for basic entry skills in the workplace. This links to Vocational Development.

How will you be assessed?

You are assessed on what you have achieved or can do in the programs and these may be different for each student. Assessment tasks for Practical English and Mathematics follow the National Curriculum guide and will be set at your appropriate level.

Workplace Learning is modelled on Certificate I in Workplace Practices which is competency based assessment.

The alternative programs are modelled on the Certificate courses for Hospitality and Horticulture.
Optional Pathways After Year 10

**End of Year 10**

- **Stay at Gympie State High School**
  - Option 1: Further Education
    - University
    - TAFE Diplomas

- **Leave school – complete further Training**
  - Option 2: Vocational Education
    - Traineeships
    - Apprenticeships
    - VET Certificates at school
    - TAFE School-links
    - LPP – students with disability

- **Leave school – Go to work**
  - Min 25hrs/week
    - Job only
    - Apprenticeship
    - Traineeship
    - Job Match
    - Other providers

**Pathway 1**
- Stay at Gympie State High School
- Option 1: Further Education
  - University
  - TAFE Diplomas

**Pathway 2**
- Leave school – complete further Training
- Option 2: Vocational Education
  - Traineeships
  - Apprenticeships
  - VET Certificates at school
  - TAFE School-links
  - LPP – students with disability
- TAFE
- Edmund Rice
- Group Training
- Get Set for Work

**Pathway 3**
- Leave school – Go to work
- Min 25hrs/week
  - Job only
  - Apprenticeship
  - Traineeship
  - Job Match
  - Other providers
It is important to choose senior subjects carefully, as your decisions may affect not only the types of careers you can follow later but also your success and feelings about school. Students will select 6 subjects.

REMEMBER TO BE GUIDED BY:
· Your future needs
· Your interests
· Your abilities

DO NOT BE GUIDED BY:
· Your friend’s choices
· Other family members’ record of success or failure in the subject
· Who the teacher may be
· The idea that it will “improve your chances of tertiary entry even if it’s going to be too hard”
· What others say about the subject (Do your own research into the subject)

THINK HARD BEFORE YOU MAKE YOUR SUBJECT CHOICES
AND...
KEEP YOUR OPTIONS OPEN

Before selecting your course of study you should fill in the following table as a start to your Senior Education and Training Plan

<table>
<thead>
<tr>
<th>Options</th>
<th>Intended Learning Option</th>
<th>Please Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continue my studies at</td>
<td>Queensland Certificate of Education (QCE)</td>
<td></td>
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<tr>
<td>Gympie SHS and attain</td>
<td>Queensland Certificate of Individual Achievement (QCIA)</td>
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<tr>
<td></td>
<td>Certificate I</td>
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<td>Certificate II</td>
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<td>Certificate III</td>
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<td></td>
<td>Certificate IV</td>
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<td></td>
<td>VET Statement of Attainment</td>
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<td></td>
<td>Advanced Diploma</td>
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<td></td>
<td>2 Semesters University Credit</td>
<td></td>
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<tr>
<td>Other considerations</td>
<td>Are you hoping to complete a School-based apprenticeship/traineeship? (Y or N)</td>
<td></td>
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<tr>
<td></td>
<td>Do you intend to achieve an OP?</td>
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<td></td>
<td>Do you intend to sit the Queensland Core Skills</td>
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<tr>
<td>Leave school and</td>
<td>Study and/or train at TAFE – VET Certificate</td>
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<td>Traineeship/apprenticeship – VET Certificate</td>
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<td>Full time work (25hrs +)</td>
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<td>Go to another school</td>
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<td></td>
<td>Go to another educational institution</td>
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<tr>
<td>Industry area</td>
<td>Animal Studies</td>
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<tr>
<td>What industry areas do your</td>
<td>Building and Construction</td>
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<tr>
<td>career goals and ILO relate to?</td>
<td>Business</td>
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<td>Education</td>
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<td>Engineering</td>
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<td>Furnishing</td>
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<td>Horticulture</td>
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<td>Hospitality</td>
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<td>IT</td>
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<td>Manufacturing</td>
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<td></td>
<td>Sport and Recreation</td>
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<td>Visual Arts</td>
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<td></td>
<td>Other</td>
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</tbody>
</table>
1. Your preferred course of study should be based on your career goals outlined in your SET Plan.

2. If you wish to be eligible for an OP (Overall Position) you must:
   - Study a minimum of 3 Authority subjects for four semesters.
   - Have completed a minimum 20 semester units of study in Authority subjects.

3. If you wish to study any Authority subject it is strongly recommended that you study English rather than English Communication.

4. A number of subjects have additional costs associated with their course of study.
   These costs are clearly indicated with each subject in the Subject Selection Booklet. These additional costs must be paid (in full) before the end of Term 4 2016 or another subject may need to be selected. Refer to Subject Levies for 2017 on page 9.

5. It is essential you receive at least a C rating in any subject in Year 10 if you wish to continue with that subject in Years 11 and 12.

6. Before making your final subject choices you should;
   - Discuss your choices with your parents/guardians,
   - Refer to the subject Descriptors outlined in this booklet so you have an understanding of the subjects on offer,
   - Consult with either the Head of Department or class teacher for further clarification of the subjects offered, and
   - Make an appointment to see the Deputy Principal (Senior Schooling), Head of Senior School or the Guidance Officer if in any doubt.

7. Before you choose a subject please check the recommended prerequisites. You will find them listed in the subject descriptions. If you are unsure of your eligibility for a subject you should check with the appropriate Head of Department.
### SUBJEC LEVIES FOR 2016

<table>
<thead>
<tr>
<th>Text and Resource Fee</th>
<th>$215/Student (less $20 if paid on the 21st or 22nd January 2016)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Student Development Fee</strong> (all year levels)</td>
<td>$25</td>
</tr>
<tr>
<td><strong>PLUS</strong> refundable deposit per NEW STUDENT enrolled</td>
<td>$50</td>
</tr>
</tbody>
</table>

**PLUS Subject Fees (please ☑ if applicable)**

| Year 12 Agriculture | $75 Cert II Rural Ops | $50 Agricultural Practices |
| Year 12 Hospitality | $15 Hospitality Practices | $15 Hospitality Studies | $50 Cert II Hospitality |
| Year 12 Marine | $100 Marine & Aquatic Practices | $190 Marine Science |
| Year 12 Manufacturing | $140 Engineering | $140 Furnishings | Industrial Technology Skills $120 |
| Year 11, 12 Science Levies | $20.00 Biology per annum | $20.00 Physics per annum | $20.00 Chemistry per annum |
| Year 11,12 Eng Tech | $75 per semester |
| Year 11,12 Ancient History | $10 per annum |
| Year 11, 12 Geography | $70 per annum |
| Year 11,12 Film,Tel & Media | $30 per annum |
| Year 11 Agriculture | $50 Agricultural Practices | $50 Cert II Rural Ops |
| Year 11 Hospitality | $15 Hospitality Practices | $15 Hospitality Studies | $50 Cert II Hospitality |
| Year 11 Marine | $230 Marine & Aquatic Practices | $190 Marine Science |
| Year 11 Manufacturing | $140 Engineering | $140 Furnishings | Industrial Technology Skills $120 |
| Year 11 Business | $50.00 BCT |
| Instrumental Music | $50 per annum (using own instruments) | $90 per annum (using school instruments) |
| Multimedia Certs | $40.00 Cert 2 | $60.00 Cert 3 | $50 Cert 4 |
| Physical Ed Yrs 10,11,12 | $15.00 Snr Recreation | $15.00 Snr Phys Ed | $15 YR10 HPE Advanced |
Gympie State High School offers four types of subjects;

(a) **Authority Subjects**
- syllabus has been approved by the Queensland Curriculum and Assessment Authority (QCAA),
- a Work Program has been accredited by the QCAA,
- assessment of student achievement have been certified by the QCAA through moderation,
- results appear on the Senior Certificate and contribute towards an OP and credits for the QCE.

(b) **Authority-Registered Syllabus**
- a Study Area Specification has been developed by the QCAA,
- a Study Plan has been accredited by the QCAA,
- results appear on the Senior Certificate and accumulate credits for the QCE,
- the result does not contribute towards an OP.

(c) **Vocational Education & Training (VET) Certificate**
- follows an industry standard Training Package
- is assessed on competency based only assessment items
- flexible delivery, within a class structure or block training
- Nationally recognised qualification
- results appear on the Senior Certificate and accumulate credits for the QCE

(d) **Learning Partnerships Programs**
- links to QCIA certificate statements
- Can be combined with Authority, Authority Registered or VET subjects
- Individually tailored program for QCIA certificate if eligible.

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**TERTIARY EDUCATION – Option 1**

To be eligible for tertiary entrance via an OP Score, **students must always be studying at least five Authority subjects every semester**. Of the five subjects, a **minimum of 3 Authority subjects** must be completed for **four semesters**. Entrance is competitive and so students must be prepared to perform very well in Authority subjects.

If a student experienced difficulty with academic studies up to Year 10 it would not be recommended to study an academic pathway in Years 11 and 12.

Students who experience success in academic subjects should also consider enhancing their studies at University by enrolling at University whilst still at school. The study will be credited towards a degree and contribute points towards the QCE under **Enrichment Studies**.
VOCATIONAL EDUCATION AND TRAINING (VET) – Option 2

VET is offered through a variety of Senior Subjects, which are listed in this booklet.

For further information on VET subjects and what is involved in VET, please refer to Pages 57 to 77.

TAFE SCHOOL-LINKS PROGRAM

Wide Bay TAFE in conjunction with Gympie State High School, offer a limited number of places to Year 11 students, in the TAFE School-links Program. Students in Year 10 will have the opportunity to nominate for a place in a School-links Program of their choice when they are completing their SET Plan. Some of the courses that may be available are:

- Automotive AUR20705
- Children Services CHC30708
- Construction CPC10111
- Doorways to Construction CPC10111
- Engineering MEM20105
- Hairdressing SIH20111
- Hospitality SIT20207
- Kitchen Operations SIT20307
- Logistics TLI21810
- Retail SIR20207
- Visual Arts CUV30103
- Web-Based Technologies ICA40311

TAFE only offer a limited number of places between the high schools in Gympie. It is essential that you complete the expression of interest form and hand it in with your SET Plan or you may miss out on a place.

SCHOOL-BASED APPRENTICESHIP/TRAINEESHIP (SAT)

A School-based Apprenticeship / Traineeship (SAT) is a mix of academic, vocational education and training and paid employment. It provides students in Years 10, 11 and 12 with valuable employment skills and hands on industry experience. A combination of school, employment and training is negotiated and agreed upon, which should support the achievement of a Queensland Certificate of Education and a vocational qualification for the participating student.
## SENIOR CURRICULUM

<table>
<thead>
<tr>
<th>CURRICULUM AREA (Head of Department)</th>
<th>OPTION 1 SUBJECTS THAT CONTRIBUTE TO AN OP (Authority Subjects)</th>
<th>OPTION 2 VOCATIONAL SUBJECTS (Authority Registered and Certificate Subjects)</th>
</tr>
</thead>
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<tr>
<td><strong>ENGLISH</strong> (Ms Palm)</td>
<td>English ENG, English Extension ENX (Yr 12 only)</td>
<td>English Communication ENC</td>
</tr>
<tr>
<td><strong>MATHEMATICS</strong> (Mr Hyde)</td>
<td>Mathematics A MAA, Mathematics B MAB, Mathematics C MAC</td>
<td>Prevocational Mathematics PVM</td>
</tr>
<tr>
<td><strong>SCIENCE</strong> (Mrs Bekker)</td>
<td>Biological Science BSC, Chemistry CHM, Physics PHY, Engineering Technology EGT</td>
<td></td>
</tr>
<tr>
<td><strong>SOSE</strong> (Ms Rogers)</td>
<td>Ancient History AHS, Modern History MHS, Economics ECN, Geography GEG, Legal Studies LEG</td>
<td></td>
</tr>
<tr>
<td><strong>AGRICULTURE</strong> (Mrs Bekker)</td>
<td>Agricultural Science AGS</td>
<td>Agricultural Practices AGU, Certificate II in Horticulture VHC (please delete), Certificate II in Rural Operations VRP</td>
</tr>
<tr>
<td><strong>BUSINESS</strong> (Mr Brady)</td>
<td>Accounting ACC, Business Communication &amp; Technologies BCT</td>
<td>Certificate I in Business VBU, Certificate II in Business VSB</td>
</tr>
<tr>
<td><strong>ICT</strong> (Mr Brady)</td>
<td>Film, Television and New Media FTM</td>
<td>Certificate I in Information, Digital Media and Technology VIN, Certificate II in Information, Digital Media and Technology VIF, Certificate II in Creative Industries (Media) VCM, Certificate III in Media VEI, Certificate IV in Interactive Digital Media VIM</td>
</tr>
<tr>
<td><strong>HEALTH and PHYSICAL EDUCATION</strong> (Mr Oliver)</td>
<td>Physical Education PED</td>
<td>Recreation Studies RST, Certificate III in Fitness VFT</td>
</tr>
<tr>
<td><strong>HOME ECONOMICS</strong> (Miss Keillor)</td>
<td>Hospitality Studies HOS, Home Economics HEC</td>
<td>Certificate I &amp; II in Hospitality VHT, Hospitality Practices HSJ</td>
</tr>
<tr>
<td><strong>INDUSTRIAL TECHNOLOGY</strong> (Mr Lawson)</td>
<td>Graphics GPH</td>
<td>Certificate I in Furnishing VFR (Year 11), Certificate II in Furniture Making VFN (Year 12), Industrial Technology Skills ITU, Certificate I in Manufacturing Pathways, Certificate I in Engineering &amp; Certificate II in Engineering Pathways VEN</td>
</tr>
<tr>
<td><strong>LOTE</strong> (Ms Palm)</td>
<td>German GER, Japanese JAP</td>
<td></td>
</tr>
<tr>
<td><strong>MARINE STUDIES</strong> (Mr Jelinek)</td>
<td>Marine Science MRN</td>
<td>Aquatic Practices AQP</td>
</tr>
<tr>
<td><strong>THE ARTS</strong> (Ms Radunz)</td>
<td>Visual Art ART, Dance DAN, Drama DRA, Music MUS, Music Extension MUX (Yr 12 only)</td>
<td>Visual Arts In Practice VAS</td>
</tr>
</tbody>
</table>
When choosing your senior subjects, please note the achievement levels you require in Year 10, in order to move into Year 11 Subjects of your choice in 2016. Students who do not meet the recommendations as outlined below will not be eligible to study the selected subject in Years 11 and 12.

## AUTHORITY SUBJECTS (OP)

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>Possible QCE</th>
<th>SUBJECT CODE</th>
<th>RECOMMENDED YEAR 10 MINIMUM LEVEL OF ACHIEVEMENT/COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>4</td>
<td>ACC 060</td>
<td>At least a C in Year 10 Core Mathematics and English and/or B in Business Essentials / Intro to Accounting</td>
</tr>
<tr>
<td>Agricultural Science</td>
<td>4</td>
<td>AGS 051</td>
<td>At least a C in Semester 2 Science and C’s in Year 10 English and Maths. Subject should be combined with Authority ENG and Math. AGS is complemented by BSC, CHM or MRN.</td>
</tr>
<tr>
<td>Ancient History</td>
<td>4</td>
<td>AHS 020</td>
<td>At least a C in Year 10 History and Year 10 English. The study of Humanities 10.5 is recommended. Must be studying Authority English and not English Communication.</td>
</tr>
<tr>
<td>Biological Science</td>
<td>4</td>
<td>BSC 042</td>
<td>At least a C in Semester 2 Biological Science and C’s in Year 10 ENG and Maths. Subject should be combined with Authority ENG and Math. BSC is complemented by CHM or MRN.</td>
</tr>
<tr>
<td>Business Communication and Technologies</td>
<td>4</td>
<td>BCT 063</td>
<td>At least a C in Year 10 Business and /or in Year 10 English</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
<td>CHM 040</td>
<td>At least a B in Semester 2 Life Science and C’s in Year 10 ENG and Extension Maths OR an A in Core Maths. Subject should be combined with Authority ENG and Math. Variations require HoD approval. CHM is complemented by BSC, PHY or MRN.</td>
</tr>
<tr>
<td>Dance</td>
<td>4</td>
<td>DAN 085</td>
<td>At least a C in Year 10 English</td>
</tr>
<tr>
<td>Drama</td>
<td>4</td>
<td>DRA 088</td>
<td>At least a C in Year 10 English</td>
</tr>
<tr>
<td>Economics</td>
<td>4</td>
<td>ECN 027</td>
<td>At least a C in Year 10 English</td>
</tr>
<tr>
<td>Engineering Technology</td>
<td>4</td>
<td>EGT 074</td>
<td>At least a C in Semester 2 STEM and Physics and C’s in Year 10 ENG and Maths. Subject should be combined with Authority ENG and Math. EGT is complemented by PHY.</td>
</tr>
<tr>
<td>English</td>
<td>4</td>
<td>ENG 001</td>
<td>At least a C in Year 10 English</td>
</tr>
<tr>
<td>English Extension (Yr12 only)</td>
<td>2</td>
<td>EXT 095</td>
<td>At least a B in Year 11 Authority English</td>
</tr>
<tr>
<td>Film, Television and New Media</td>
<td>4</td>
<td>FTM 093</td>
<td>At least a C in Digital Media &amp; Communications (if studied) and in Year 10 English</td>
</tr>
<tr>
<td>Geography</td>
<td>4</td>
<td>GEG 024</td>
<td>At least a C in Year 10 History, English and Mathematics. The study of Humanities 10.5 is recommended. Must be studying Authority English and not English Communication.</td>
</tr>
<tr>
<td>German</td>
<td>4</td>
<td>GER 006</td>
<td>At least a C in Year 10 German</td>
</tr>
<tr>
<td>Graphics</td>
<td>4</td>
<td>GPH 076</td>
<td>At least a C in Year 10 Graphics</td>
</tr>
<tr>
<td>Subject</td>
<td>Code</td>
<td>Code Details</td>
<td>Requirements</td>
</tr>
<tr>
<td>-------------------------------</td>
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<td>--------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Home Economics</td>
<td>4</td>
<td>HEC 071</td>
<td>At least a C in Advanced Hospitality and Home Economics and in Year 10 English.</td>
</tr>
<tr>
<td>Hospitality Studies</td>
<td>4</td>
<td>HOS 072</td>
<td>At least a C in Advanced Hospitality and Home Economics and in Year 10 English.</td>
</tr>
<tr>
<td>Japanese</td>
<td>4</td>
<td>JAP 009</td>
<td>At least a C in Year 10 Japanese.</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>4</td>
<td>LEG 029</td>
<td>At least a C in Year 10 English. The study of Humanities 10.5 is recommended. Must be studying Authority English and not English Communication.</td>
</tr>
<tr>
<td>Marine Science</td>
<td>4</td>
<td>MRN 047</td>
<td>At least a C in Semester 2 Science and Junior Marine Aquatics and C’s in Year 10 ENG and Maths. Subject should be combined with Authority ENG and Maths. MRN is complimented by CHM or BSC.</td>
</tr>
<tr>
<td>Mathematics A</td>
<td>4</td>
<td>MAA 036</td>
<td>Classes will be predetermined based on Year 10 results. Students can apply through the Head of Department if not recommended.</td>
</tr>
<tr>
<td>Mathematics B</td>
<td>4</td>
<td>MAB 037</td>
<td>Classes will be predetermined based on Year 10 results. Students can apply through the Head of Department if not recommended.</td>
</tr>
<tr>
<td>Mathematics C</td>
<td>4</td>
<td>MAC 038</td>
<td>Classes will be predetermined based on Year 10 results. Students can apply through the Head of Department if not recommended.</td>
</tr>
<tr>
<td>Modern History</td>
<td>4</td>
<td>MHS 021</td>
<td>At least a C in Year 10 History and in Year 10 English. The study of Humanities 10.5 is recommended. Must be studying Authority English and not English Communication.</td>
</tr>
<tr>
<td>Music</td>
<td>4</td>
<td>MUS 091</td>
<td>At least a C in Year 10 Music and in Year 10 English.</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4</td>
<td>PED 068</td>
<td>At least a C in Year 10 Physical Education and in Year 10 English. It is preferable for students to have studied Advanced Physical Education in Semester Two</td>
</tr>
<tr>
<td>Physics</td>
<td>4</td>
<td>PHY 041</td>
<td>At least a C+ in Semester 2 Physics and C's in Year 10 ENG and Maths. Subject should be combined with Authority ENG and Maths. PHY is complimented by EGT.</td>
</tr>
<tr>
<td>Visual Art</td>
<td>4</td>
<td>ART 080</td>
<td>At least a C in Year 10 Advanced Art and in Year 10 English.</td>
</tr>
<tr>
<td><strong>AUTHORITY-REGISTERED SUBJECTS (NON-OP)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agricultural Practices</td>
<td>4</td>
<td>AGU 6400</td>
<td>A willingness to work outside with the horticultural crops and machinery. Commitment to completing theoretical components and an appreciation of safe working habits. May be studied in combination with English Communication and Prevocational Maths.</td>
</tr>
<tr>
<td>Aquatic Practices</td>
<td>4</td>
<td>AQP 6280</td>
<td>At least a C in Year 10 Junior Marine Studies and a commitment to complete the mandatory swimming assessment. May be studied in combination with Non-Authority ENG and Maths.</td>
</tr>
<tr>
<td>English Communication</td>
<td>4</td>
<td>ENC 6125</td>
<td>At least a C in Year 10 English Communication.</td>
</tr>
<tr>
<td>Hospitality Practices</td>
<td>4</td>
<td>HST 6006</td>
<td>At least a C in Food Technology and a commitment to working on BOTH practical cookery as well as theory aspects of the course.</td>
</tr>
<tr>
<td>Industrial Technology Skills</td>
<td>4</td>
<td>ITU 6420</td>
<td>A commitment to working on BOTH practical and written aspects of the course.</td>
</tr>
<tr>
<td>Subject</td>
<td>Classes</td>
<td>Course Code</td>
<td>Requirements</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------</td>
<td>-------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Pre-vocational Maths</td>
<td>4</td>
<td>PVM 6140</td>
<td>Classes will be predetermined based on Year 10 results. Students can apply through the Head of Department if not recommended.</td>
</tr>
<tr>
<td>Recreation Studies</td>
<td>4</td>
<td>RJC 6206</td>
<td>A commitment to working on BOTH physical and written aspects of the course.</td>
</tr>
<tr>
<td>Visual Arts In Practice</td>
<td>4</td>
<td>VAS 6277</td>
<td>At least a C in Year 10 Art.</td>
</tr>
<tr>
<td>VET SUBJECTS (CERTIFICATE COURSES)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cert I in Engineering</td>
<td>3</td>
<td>VEN MEM10105</td>
<td>At least a C in Industrial Technology B (ITB) and a commitment to working on BOTH practical and written aspects of the course.</td>
</tr>
<tr>
<td>Cert I in Manufacturing (Pathways)</td>
<td>3</td>
<td>VEN MSA10107</td>
<td></td>
</tr>
<tr>
<td>Cert II in Engineering Pathways</td>
<td>4</td>
<td>VEN MEM20413</td>
<td></td>
</tr>
<tr>
<td>Cert III in Fitness</td>
<td>8</td>
<td>VFT SIS30313</td>
<td>At least a B in Advanced Physical Education and a C in Year 10 English.</td>
</tr>
<tr>
<td>Cert I in Furnishing</td>
<td>3</td>
<td>VFR MSF10113</td>
<td>At least a C in Industrial Technology A (ITA) and a commitment to working on BOTH practical and written aspects of the course.</td>
</tr>
<tr>
<td>Cert II in Furniture Making</td>
<td>4</td>
<td>VFB MSF20313</td>
<td>At least a C in Industrial Technology A (ITA) and a commitment to working on BOTH practical and written aspects of the course.</td>
</tr>
<tr>
<td>Cert II in Business</td>
<td>4</td>
<td>VBU BSB20115</td>
<td>At least a C in Year 10 English.</td>
</tr>
<tr>
<td>Cert I in Hospitality</td>
<td>2</td>
<td>VHT SIT10216</td>
<td>A commitment to both practice and theory work in the hospitality sector.</td>
</tr>
<tr>
<td>Cert II in Hospitality</td>
<td>4</td>
<td>VHT SIT20316</td>
<td></td>
</tr>
<tr>
<td>Cert I in Information Digital Media &amp; Tech</td>
<td>2</td>
<td>VID ICT10115</td>
<td>Some desire to actually learn about computers.</td>
</tr>
<tr>
<td>Cert II in Information Digital Media &amp; Tech</td>
<td>4</td>
<td>VDT ICT20115</td>
<td>Ideally to have completed the Cert I in IDMT, but it’s not essential.</td>
</tr>
<tr>
<td>Cert II in Creative Industries</td>
<td>4</td>
<td>VCM CUA20215</td>
<td>At least a C in Year 9 DMC and at least a C in Year 10 Foundation English.</td>
</tr>
<tr>
<td>Cert IV in Digital and Interactive Games</td>
<td>8</td>
<td>VEI ICT40915</td>
<td>At least a C in Year 10 DMC and year 10 English, and to have completed the Cert II in Creative Industries (Media).</td>
</tr>
</tbody>
</table>
**ACCOUNTING**

QCE – Core (4 Semesters = 4 credits)

**Who should study this Subject?**

Students who are interested in the management of financial resources, or who are considering a career in business, would benefit from studying this subject. There is a wide demand for accountancy graduates in careers such as Accountancy and Finance, in private practice, Government, or private enterprise.

**What are the prerequisites?**

There are no prerequisites; however, a pass in Mathematics and Accounting Introduction (if studied in Year 10) is highly desirable.

**What will you learn?**

During this course of study, students will learn accounting procedures relating to sole traders, control of cash, inventories, accounts receivable and accounts payable, non-current assets and elementary computer applications.

Students will develop such skills as compiling reports, recording transactions and computer manipulation. Students will also develop an understanding of the business environment and an appreciation of the role of accounting and the accountant in the business environment.

**How will you be assessed?**

This course consists of practical and theory work. Student assessment is determined by means of supervised class testing, assignments and end of semester examinations.

**What do your contributions cover?**

Duplicated worksheets, paper, access to MYOB and Microsoft Excel software, textbook - Accounting: A Direct Approach (new edition).

**Other Information**

This subject can contribute a total of 4 credits (1 credit per Semester) towards the QCE on the provision you exit the subject with a Sound Achievement or higher.

Examples of University courses - Bachelor of Business (Accountancy), Bachelor of Business (Finance).

**Who to Contact?**
Mrs O’Keeffe (H Middle Staffroom).
AGRICULTURAL SCIENCE

Who should study this Subject?

The study of Agricultural Science provides students with an understanding of the ways scientists seek solutions to problems pertaining to agricultural production and how science leads to the discovery of new plant varieties, animal breeds and production systems. It also develops and enhances skills that can be used to solve problems arising in students’ everyday experiences.

A course of study in Agricultural Science can establish a basis for employment in the fields of agriculture and horticulture, plant, animal and food production, conservation and resource management and tourism.

A broad range of careers in agriculture exist and include roles such as: Animal Husbandry Officer, Stock Inspector, Horticulturist, Plant Agronomist, Field Assistant, Plant Pathologist, Quarantine Officer, Environmental Officer, Land Conservation Officer, Farm Manager, Marine Parks Ranger, Agricultural Economist, Entomologist, Laboratory Technician, National Parks & Wildlife Officer and Agricultural Science Teacher.

As an authority subject, Agricultural Science will contribute to an OP and can provide appropriate preparation for many tertiary courses due to its emphasis on academic content and skills. Agricultural Science provides valuable background knowledge to tertiary studies in agricultural and rural science, agribusiness, agricultural economics and environmental systems.

What are the Pre-requisites?

A good pass in Science (B or above) in Semester 1 Year 10, and in Semester 2 a pass in either Biological, Agricultural or Life Sciences. An ability to work effectively both autonomously and in small groups is required. Good literacy and numeracy skills are required and so the undertaking of Authority English and Mathematics courses is strongly recommended. Students who do not meet these requirements must consult with the Science Head of Department before selecting this course.

What will you learn?

- Sustainable Resource Management
- Animal Health and Disease Control
- Plant Science
- Beef Production Systems
- Meat Science
- Agricultural Systems & Environmental Issues
- Animal Breeding/Genetics
- Animal Nutrition

How will you be assessed?

- The assessment program includes a variety of assessment techniques that are integrated with the learning experiences.
- Students will undertake fieldwork and collect data, research and write essays, carry out and report on extended practical investigations as well as doing supervised written examinations.

What do your contributions cover?

The use of subscription publications, audio visual material, photocopying, access to computer network and farm resources for practical work.

Who to Contact?

Mrs Bekker (J Staffroom)
ANCIENT HISTORY

QCE – Core (4 Semesters = 4 credits)

Who should study this subject?

In Ancient History the main skills are reading, note taking, thinking and discussing. You are encouraged to use your imagination, to present a different viewpoint, to question and to put forward your ideas.

What are the prerequisites?

Students wishing to take Ancient History require a minimum Sound Achievement for both Year 10 English and Junior Humanities. Studying Humanities 10.5 in Year 10 is recommended to give a good grounding in the necessary skills. Students should study Authority English in Year 11 and 12 to undertake Ancient History. If a student intends to take part in a school-based traineeship or apprenticeship that involves them missing a lesson each week, the student MUST arrange a catch-up lesson once a week with their teacher, either during one of their Study lessons or during a break. This is not a subject that can be successfully completed part-time.

What will you learn?

The events of the past have made us who we are today. Ancient History is a study of the ancient world and how those civilisations grew, survived and died out. Ancient History increases your awareness of why the world is the way it is today. It therefore increases your general knowledge and your understanding of your own heritage.

In Year 11 you will study 4 themes:
- Studies of the everyday lives of people in ancient societies;
- Studies of funerary practices;
- Studies of political structures and
- Studies of archaeology.

In Year 12 you will study 5 themes;
- Studies of philosophy,
- The influence of groups in ancient societies,
- Studies of the arts, and
- 2 own choice comparative topics.

The skills developed in this subject are the ability to: understand why events in the past can shape events in the present and future; research information; distinguish between fact and fiction; present a clear interpretation of events; prepare written reports; listen to other people's views.

Fun activities include an archaeological dig and Ancient History Dinner (symposium) with authentic foods and costumes. Excursions can be organised to museums, art galleries, the Abbey Museum and University of Queensland. You will be spending some of your time in the library on individual research. A variety of films and documentaries will be shown.

How will you be assessed?

Research essays (written and oral), extended written responses to stimulus and short answer stimulus response tests.

What do your contributions cover?

The use of textbooks, several class sets, audio visual material and photocopying.

In Year 11 and 12, a fee of $10 will be charged to cover the costs of the Ancient History Dinner.

Other information

The skills learned in Ancient History can be used in jobs that involve dealing with people. It is especially relevant to those interested in media, business, management, the tourism and entertainment industries and teaching. All tertiary subjects including Maths and Science require research skills as part of their courses. Ancient History gives a strong grounding in this skill.

Who to contact:
Ms Rogers (B9 staffroom)
BIOLOGICAL SCIENCE

QCE – Core (4 Semesters = 4 credits)

Who should study this Subject?

The study of Biological Science provides students with an understanding of the ways scientists seek solutions to problems pertaining to the living world and how the processes of science lead to the discovery of new knowledge. It also develops and enhances skills that can be used to solve problems arising in students' everyday experiences.

The study of Biological Science is ADVISED or is a PREREQUISITE for many tertiary courses. A few examples include Speech Therapy, Physiotherapy, Medicine and Surgery, Information Technology, Forestry, Clinical Laboratory Techniques, Applied Science, Nursing, Teaching (Science) and Human Movement.

What are the prerequisites?

A good pass in Science (B or above) in Semester 1 Year 10, and in Semester 2 a pass in either Biological, Agricultural or Life Sciences. An ability to work effectively both autonomously and in small groups is required. Good literacy and numeracy skills are required and so the undertaking of Authority English and Mathematics courses is strongly recommended. Students who do not meet these requirements must consult with the Science Head of Department before selecting this course.

What will you learn?

Biological Science is concerned with the study of the phenomenon of life in all its manifestations. It encompasses studies of the origin, development, functioning and evolution of living systems and the consequences of intervention in those systems.

Studying Biology helps students understand the working of their own bodies and provides them with an interest in the living world around them and an appreciation of their relationships with the natural environment. Students are encouraged to consider their responsibilities towards the Earth they inhabit.

The course places considerable emphasis upon practical work conducted within the laboratory and in the field. There is a minimum time commitment for field work of ten hours, mainly conducted during an excursion and field work during Year 11. As part of their practical activities students learn to suggest hypotheses that explain observations, design and conduct experiments, examine collected data, analyse results and report on their findings.

Topics covered include:

Year 11
- Cell Biology
- Human Physiology
- Plant Physiology
- Ecology

Year 12
- Reproduction and Genetics
- Microbiology and Biotechnology
- Health and Disease
- Evolution

How will you be assessed?

The assessment program includes a variety of assessment techniques that are integrated with the learning experiences.

Students will collect and identify organisms, undertake fieldwork, research and write essays, prepare multimedia presentations, carry out and report on extended practical investigations as well as doing supervised written examinations.

What do your contributions cover?

Chapter summaries, handouts, photocopying, work sheets, excursion sheets (but not excursion fees), extra laboratory materials, resource books, technology and DVDs.

Subject Levy

A Subject Levy of $20 per year applies to this course to cover costs associated with Extended Experimental Investigations.

Other Information

Contributions DO NOT cover the costs associated with field work and field work is a mandatory part of the course. Students are also urged to purchase their own copy of a recommended revision book (Biozone), which will be arranged by their teacher during the year.

Who to Contact?

Mrs Bekker (J Staffroom) HOD Science, Agriculture and Marine
BUSINESS COMMUNICATION & TECHNOLOGIES (BCT)

Who should study this Subject?
Students interested in business activities or who are considering a career in business/management should consider this course. It lays an excellent foundation for students in tertiary study and for their future employment.

What are the prerequisites?
There are no prerequisites for this subject, however, a satisfactory achievement in English is recommended. Proficient keyboarding skills would also be advantageous.

What will you learn?
This subject encompasses theoretical and practical aspects of business in contexts you will encounter throughout your life. As Business Communication and Business Technologies are integral to all business relationships and dealings, they will shape the development of your knowledge and skills.

The course includes the following topics of study:
- Organisation and work teams
- Workplace health, safety and sustainability
- Events administration
- Managing people
- Social media
- Financial administration
- International business
- Industrial relations.

How will you be assessed?
You are assessed against standards described in terms of:
- Knowing and understanding business
- Investigating business issues
- Evaluating business decisions.

Assessment techniques used in this subject may include:
- Short and/or extended responses
- Research assignments
- Projects
- Reports
- Multimodal presentations (such as seminar presentations, multimedia presentations, debates and reports).

What do your contributions cover?
The use of a textbook (Investigating Business Communication and Technologies), use of computers and related hardware and software, use and maintenance of business equipment, and photocopying.

In Year 11, a fee of $50 will be charged to cover the costs of an excursion which forms the foundation for a research based assessment piece in Term 2.

Other Information
This subject can be studied in conjunction with the subject Certificate I/II in Business. If a student chooses to study both BCT and Certificate II in Business, QCE credits can be claimed from each subject.

Students will have the opportunity to participate in an excursion to a Sunshine Coast tourist attraction and will be involved in a real school event.

This subject may lead to employment in such areas as business administration, events administration, workplace health and safety or tertiary study in the fields of business, business management, accounting, events management and human resources.

Who to Contact? Mrs Radecker, Mrs O’Keeffe (H Middle Staffroom).
Who should study this Subject?

The study of Chemistry engages students and teachers in an exciting and dynamic investigation of the material universe. Chemistry involves the exploration of matter: helping us to understand links between the macroscopic properties of the world, and the subatomic particles and forces that account for those properties. The application of chemistry enables us to make sense of the physical world. Understanding and applying chemical concepts aids in humankind's management of the planet's limited resources and could provide the key to our continuing survival. Chemistry can provide a unifying feature across most scientific undertakings.

As an Authority Subject, Chemistry will contribute to an OP and can provide appropriate preparation for many tertiary courses (particularly in the science field) due to its emphasis on academic content and skills. In addition, the study of Chemistry is “advised or assumed” or is a PREREQUISITE for many tertiary science courses. Examples include Engineering (e.g. Civil, Electrical, Mechanical, etc.), Applied Sciences (e.g. Biology, Chemistry, Microbiology, Optometry, etc.), Teaching (Science, Home Economics), Biological Laboratory Techniques, Computing, Nursing, Health Science, Dental Science, Information Technology, Medicine and Surgery, Occupational Therapy, Physiotherapy, Veterinary Science.

What are the prerequisites?

A good result in Science (B or above) in Semester 1, Year 10 and successful completion of the Chemistry Unit in Life Sciences in Semester 2, Year 10. The study of Maths B in Year 11 is strongly recommended for students undertaking this subject. Students who do not meet these requirements must consult with the Science Head of Department before selecting this course.

What will you learn?

Chemistry is concerned with the study of matter and the nature of materials, as well as their interactions. Students develop an understanding of current theories of how atoms interact, and apply this knowledge to explain the properties of the different materials.

During the course students should acquire knowledge of a range of core topics including the properties, reactions and structure of matter, organic chemistry, gases and the atmosphere, chemical analysis and chemical equilibrium.

Students will participate in a wide range of activities to develop their knowledge of Chemistry and the thinking skills needed to solve life-related problems.

They will be involved in practical experiments designed to develop basic laboratory skills as well as illustrating and amplifying theories discussed in class. Their laboratory experiences and exposure to industrial applications will acquaint them with safe practices when dealing with chemicals and help them develop an appreciation for chemical safety within the home and environment.

How will you be assessed?

Formal written examinations and a wide variety of other forms of assessment instruments including written research assignments, practical projects, extended laboratory investigations and reports will be used.

What do your contributions cover?

Year 11 and 12 work sheets, handouts, photocopying, answer booklet, extra laboratory materials, resource books, class sets, DVDs.

Subject Levy

A Subject Levy of $20 per year applies to this course to cover costs associated with Extended Experimental Investigations.

Other Information

Able students are given assistance in applying for university enrichment programs such as Defence Forces studentships, Open Days and scholarships.

Who to Contact?

Mrs Bekker (J staffroom), HOD Science, Agriculture and Marine
DANCE

Who should study this Subject?

Dance is a human activity of ancient tradition and an evolving form of expression that is fundamental to the human condition. Dance is a subject that develops cognitive and physical creativity and self esteem. Students are engaged in a wide range of learning experiences with a focus on developing self-directed learners. Interest in Dance careers after high school can progress to tertiary study to become professional dancers, dance teachers, (school or private) entertainment or arts related workers.

What are the prerequisites?

Junior Dance is desirable as it provides the background training, knowledge and understanding to progress to senior dance studies. Due to the spiralling nature of the subject, it will be difficult for students to take year 12 Dance without completing the Year 11 course. However, this is possible with some hard work. Keep in mind that this is an OP eligible subject and as such has high demands and expectations in relation to the level of dance skills and academic requirements. Any dance skill training undertaken outside of school enhances the student’s chances of improved grades. Because of limited training time in the school program it is highly recommended to undertake ballet training (and other genres are desirable) outside of school if aiming for a career as a dancer or dance teacher. University entrance to a dance degree at Queensland University of Technology in Brisbane requires an audition that includes a ballet class, a solo contemporary performance, an interview and OP entry requirements.

What will you learn?

Eight units of study will be undertaken over the two-year course.

Studied in the syllabus are the following genres:

- Social, ritual and Artistic Dance; (Term 1, year 11)
- Musical Theatre; (Term 2, year 11)
- Contemporary Dance; (Term 4, year 11 and Terms 2 and 3 year 12)
- Ballet (Term 3, year 11)
- Popular Dance (Term 1, year 12)
- Your Own Choice of Genre and Style (Term 4, year 12)

How will you be assessed?

In year 11 & 12, the three main dimensions which are the same as in junior dance are assessed in a variety of genres, styles and contexts i.e. Choreography, Performance and Appreciation. Year 11 has 2 Choreography, 2 Performance and 2 Appreciation tasks. Year 12 is the same.

What do your contributions cover?

Contributions cover use of text books, videos/dvds, photocopying, use and maintenance of stereo players, music/CDs, and use of dance shoes. Additional costs include costumes for class presentations, concerts, assembly performance and workshops or excursions.

Other Information

Students must have correct clothing for all dance classes. For females, it is important to wear black form fitting dancewear which can be either tights and sleeveless top or unitards; in winter long dance pants and a long sleeved fitting top may be desirable until fully warmed up. For males, a pair of black stretchy shorts or pants and fitting t-shirt or tank top; if desired a pair of dance pants can be purchased from a dance supplier through the teacher at cost price. Jazz, ballet shoes, socks or barefeet are suitable for most dance classes - no joggers or sandals are.

Who to Contact?

Dance Co-ordinator: Ms McFadzen (Lower C or Hanger staffroom- phone 54 898341 or 54 898342)
Who should study this Subject?

Drama provides many skills, not just acting. This subject will help with speaking and writing skills, confidence and team work as well as providing a range of performance skills such as voice control, spacial awareness and movement. Drama is an Authority subject with a strong tradition of high academic standards. It will lead into both performance and general arts studies, as well as equipping students with excellent interpersonal and co-operative skills.

What are the prerequisites?

A Sound Achievement in Year 10 English (Semester 2) is helpful as there are written components to Senior Drama. It is helpful but not essential to have studied Drama in Year 10. Students who have not completed Drama in the middle School should speak to a teacher in the Drama Department about their expectations of the subject.

What will you learn?

Senior Drama covers a wide variety of topics including the study of Realism; Australian and Indigenous Theatre; Mask, Physical Theatre and Contemporary Technologies and Performance styles. Students will learn how actors and directors interpret written scripts and turn them into live action. They will also have an opportunity to learn how to write and produce their own material. Senior students will see professional theatre productions in Brisbane each year and host performance evenings of their own across the two year course.

How will you be assessed?

Students are assessed in three criteria - Forming (writing plays, directing plays and improvising), Presenting (acting) and Responding (assignments). Equal weighting is given to each of the three criteria so students are able to balance their strengths in the subject.

What do your contributions cover?

Costumes, make-up, masks, worksheets, props and costumes. Each student will need to fund at least one excursion per year (approx $60 each).

Other Information

Students are assessed individually and within groups. Students with poor attendance will find it very difficult to succeed in this subject as it is not always possible to catch up work independently.

Who to Contact?

Drama teachers in B Block Staffroom
ECONOMICS

Who should study this subject?

Economics is a key discipline in many professional occupations and careers. Economics offers career paths in many professions including: international business, banking and commerce, computing, environmental management, journalism and media, law and real estate, accounting, finance, advertising, architecture and town planning.

An Economics student develops many useful job skills, such as: an ability to think logically; an ability to apply maths skills; oral communication skills; written communication skills; computer literacy; and an interest in economic and political issues.

Thus Economics is a relevant subject which is challenging and interesting regardless of your career path, although anyone contemplating a career in business, law, banking, finance, management, real estate or politics should definitely consider Economics for Year 11 and 12.

What are the prerequisites?

Students wishing to take Economics require a minimum Sound Achievement for Year 10 English. It is advisable that students study Authority English in Year 11 and 12.

What will you learn?

During the four semesters of Year 11 and 12 you will study core units (4) and elective units (minimum 4, maximum 6):

Core Units
- Markets and models
- Contemporary macro-economic management
- Contemporary micro-economic issues
- International economics

Elective Units
- Population
- Income and expenditure analysis
- Personal Economics
- Environment
- Finance
- Income and wealth distribution
- Share market
- Globalisation and trade
- Industry and market concentration
- Systems and development
- Labour

How will you be assessed?

In Year 11 and Year 12, there are five assessment items each year. Items vary and can include short response tests, extended written tasks (responding to stimulus) and research assignments.

What do your contributions cover?

The use of several class sets, audio visual material, and photocopying and computer applications including the use of the internet.

Who to contact:

Ms Booth (C Block staffroom – Junior Service Centre)
ENGINEERING TECHNOLOGY (OP STEM)  

Who should study this Subject?  
Engineering Technology is designed for students who have an interest in science, mathematics and technology. It is concerned with theoretical concepts and practical applications related to the technology industry and society, engineering materials, engineering mechanics, and control systems. The course draws upon the fundamental principles of science, mathematics and technology, reinforcing conceptual ideas through practical workshop and laboratory activities. Integrated throughout is the development of technical communication skills relevant to engineering. It provides students with an opportunity to pursue a wide variety of professional career pathways, especially those that involve problem solving skills.  

Engineering Technology is an Authority Subject, and contributes towards the attainment of an OP. It is a subject which will provide a firm basis for University Engineering courses, but is also well suited to students who intend moving into employment or further technical training in electronics, control technology, telecommunications, electrical trades and careers requiring technical skills and problem solving ability.  

What are the prerequisites?  
Students attempting this course should have a good pass in Year 10 Science and Maths (B or better) as well as successfully completing STEM Science or Physical Science in Year 10, Semester 2. It is further recommended that students have studied STEM in Year 9. It is strongly recommended that students undertake Maths B and Physics in Year 11 to complement this course. Students who do not meet these requirements must consult with the Science Head of Department before selecting this course.  

What will you learn?  
This is a course that helps students understand the concepts and principles of engineering in its broadest sense. The course of study is structured around problem solving in an engineering design process that draws on scientific, mathematical and engineering knowledge covered in four interrelated areas of study:  
- Technology, industry and society — the interdependence that occurs among technology, industry and society  
- Engineering materials — the nature of materials, their property-structure relationships, and the various mechanisms for modifying materials  
- Engineering mechanics — the study of mechanics and associated practical applications  
- Control systems — the study of control systems, the associated software, hardware and mechanisms, and the application of automated technologies in industry and society.  

Technology contexts provide a real-world focus for coverage of the selected subject matter. Possible contexts include agriculture, aerospace (aviation), appropriate technology (simple technologies), biomedicine, communication, construction, energy, manufacturing, mining, sustainability and transportation.  

How will you be assessed?  
Students will be given the opportunity to display achievement of the course objectives through a variety of assessment instruments, including Projects and Research Tasks resulting in Technical Engineering Reports as well as supervised theory and practical exams and multi-media presentations. Participation in Regional and National competitions will be part of this course.  

What do your contributions cover?  
Consumable parts and materials, hardware, kits, additional information booklets, work sheets, handouts, resource books, competition entries and transport, DVDs.  

Subject Levy  
A Subject Levy of $75 per semester applies to this course to cover costs associated with Extended Experimental Investigations.  

Other Information  
If students numbers are insufficient to form a class, this subject may be offered as a combined 11/12 class. The project oriented, problem solving format will ensure this causes minimal disruption to student’s progress.  

Who to Contact? Mrs Bekker (J Staffroom) HOD Science, Agriculture and Marine
ENGLISH

QCE – Core (4 Semesters = 4 credits)

Who should study this Subject?
If you intend to go to University, you must choose English, and if you have an interest in language, literature and media studies, you should choose English. To be eligible for the required Literacy component of the QCE, students must pass at least one semester of English or English Communication.

What are the prerequisites?
A minimum C Standard in Year 10 English is necessary. Any student with a lower level of achievement who wants to study English must have the consent of the Head of Department, Ms Palm.

What will you learn?
The course is divided into three units per year (Units 1-3 in Year 11 and Units 4-6 in Year 12).

Unit 1 – “It’s all about me” is foundation unit which explores media representations.

Unit 2 – “It’s all about us” focuses on the representations of Australia, Australians and Australian culture.

Unit 3 – “It’s not just about me” examines the representations in literary texts from authors around the world, including an in-depth study of a novel.

Unit 4 – “It’s all around me” firstly explores how representations of groups and individuals are created and perpetuated by the film industry. Secondly, the focus moves to an examination of historical literary influences and an evaluation of the significance and relevance of canonical texts in the 21st Century.

Unit 5 – “It’s beyond me: What is literature?” focuses on studying literary texts in order to become aware of what literature is.

Unit 6 – “The changing world” is the culmination of the course where the focus is an exploration of the role the mass media plays in constructing versions of contemporary culture.

How will you be assessed?
Assessment will be a range of written assignments, oral presentations and written tasks under exam conditions.

What do your contributions cover?
Class sets of novels, plays, language and literature textbooks, DVDs, computer use, photocopying and Arts Council or Grin and Tonic performances.

Other Information
Opportunities are available for students to participate in a variety of activities such as inter-school debating, public speaking, and various writing competitions.

Who to Contact?
Ms Palm (B9)
ENGLISH EXTENSION - Year 12 only

QCE – Enrichment (2 Semesters = 2 credits)

What preparation or prior studies do students need?
Senior English Extension develops from and is an extension of Year 11 and 12 English. A minimum standard of a HA8 in Year 11 English is seriously recommended.

Why study English Extension?
The Senior English Extension course goes beyond the Senior English syllabus and is available to Year 12 students with particular interests and demonstrated abilities in the area of literature. It is more challenging than English and the standards by which student achievement is assessed are higher than and different from those of Senior English. The course is studied for the two semesters of Year 12 concurrently with parent English. This will mean that Year 11 students considering applying for a place in Year 12 will need to have dropped one of their Year 11 subjects.

What do students study?

<table>
<thead>
<tr>
<th>Year 12 Units</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fear of falling: Students will be introduced to the major concepts of the different reading approaches. A study of a film will be undertaken, focussing upon applying two of the four reading approaches.</td>
<td>One reading and a defence of a film directed by Alfred Hitchcock (1500 words)</td>
</tr>
<tr>
<td>Step outside and say that: Students will develop strategies for making textual interventions. They will explore how manipulating textual features of narratives alters the meaning which is implied by texts, as well as examining how a variety of reading approaches account for this phenomenon.</td>
<td>An intervention into a novel or play and an accompanying defence, which explains in detail how the intervention transforms the meaning implied in the original text. (2000-2500 words)</td>
</tr>
<tr>
<td>Holy confusion, Batman!: Students develop a focus question that will facilitate an in-depth exploration of a literary text. The unit will require students to draw upon a discerning selection of reading approaches identified during the course in the construction of their response.</td>
<td>Extended essay on a text chosen by students. (3000 words)</td>
</tr>
</tbody>
</table>

Special Requirements
Students wishing to apply for a place in English Extension in Year 12 are advised that this class meets outside the scheduled timetable with lessons running before school between 7.45am and 8.45am twice a week at James Nash SHS. Students will also need to make time for other teacher contact involving tutorials and mentoring.

What are the vocational applications of English Extension [literature]?
English Extension sets out to prepare students for post-school academic experiences.

Who to Contact?
Ms Palm (B9)
Who should study this Subject?

For most of us, film, television and new media are our primary sources of information and entertainment. We are all familiar with youtube and online social media and these enable us to understand and express ourselves as Australian and global citizens. These industries are also already among the largest employers and drivers of the economy in many countries.

Students who have an interest in working in the fields of video production, television, media, advertising, online web development and animation should choose this subject.

What are the prerequisites?

A sound level of achievement in English to Year 10.
A familiarity with “new media” including online resources and animation techniques is recommended.

What will you learn?

Students study the design, production and critique of products by using five key concepts that operate in the contexts of production and use. These key concepts are:

Technologies: the tools and associated processes that are used to create meaning in moving-image media production and use.

Representations: constructions of people, places, events, ideas, and emotions that are applied to create meaning in moving-image media production and use.

Audiences: individuals and groups of people for whom moving-image products are made, and who make meanings when they use these products.

Institutions: the organisations and people whose operational processes and practices enable or constrain moving-image media production and use.

Languages: systems of signs and symbols organised through codes and conventions to create meaning in moving-image media production and use.

How will you be assessed?

Supervised tests and extensive project work.
Students undertake multiple projects in critique, design and production from several of the following genres
- Narrative TV Show, Video Game, Music Video Clip
- Genre Film, Reality Show, Documentary Show, Foreign Film
- Narrative Film or Art Film including a documentary concept, treatment and script.

What do your contributions cover?

Contributions cover computer maintenance, Internet usage and related hardware and software licencing fees for software in this course. Specifically it covers Sony Vegas HDMovie Studio, and Sony ACID Music Studio. It also covers photocopying, booklets and Internet use.

Who to Contact?

Mr Thorne and Mr Brady (G Block)
GYMPIE STATE HIGH SCHOOL
SENIOR
YEAR 11 & 12 SUBJECT GUIDE

GEOGRAPHY

GEOGRAPHY

QCE – Core (4 Semesters = 4 credits)

Who should study this subject?
Geography is an ideal subject for people who are interested in the world and how we as humans interact with it. The subject involves the further development of general Humanities skills such as locating, researching, analysing, evaluating, decision making and reporting information, as well as skills unique to Geography such as mapping and atlas work, field observation, data collection, statistical analysis and graph interpretation, and the usage of Geographical equipment.

Within each semester theme, selected case studies may be made at a local, national and global level. The course consists of four separate semester themes, each of which is comprised of two Core Units and an Elective Unit decided in consultation with the interests of the student group.

At least one full day of field study will be undertaken in each semester and as a result of this a levy of $70 per year is necessary. The field studies form the basis of substantial assessment pieces and are compulsory. People who are unavailable to attend these should not consider Geography as a Senior option.

What can it lead?
Geography can be studied as part of a Bachelors Degree in Arts, Commerce, Science or Economics at Queensland University. In many other institutions Geography students are eligible to enter a range of Diploma courses. Geographers find employment in a wide range of jobs, depending upon their combinations of subjects. Some examples are executive situations in commerce, industry, media work, teaching, town planning, The Bureau of Statistics, weather forecasting, primary industries, parks and wildlife, and Landcare, just to name a few.

What are the prerequisites?
Students wishing to take Geography require a minimum Sound Achievement for Year 10 English, Year 10 Maths and a Junior Humanities subject at Year 10 level. It is advisable that students study Authority English in Year 11 and 12. If a student intends to take part in a school-based traineeship or apprenticeship that involves them missing a lesson each week, the student MUST arrange a catch-up lesson once a week with their teacher, either during one of their Study lessons or during a break. This is not a subject that can be successfully completed part-time.

What will you learn?
- Theme 1 - Social Environments
  - Core Unit 1—Sustaining Communities
  - Core Unit 2—Connecting People and Places
- Theme 2 Resources and The Environment
  - Core Unit 3—Living With Climate Change
  - Core Unit 4—Sustaining Biodiversity
- Theme 3 - Managing the Natural Environment
  - Core Unit 5: Responding to Natural Hazards
  - Core Unit 6: Managing Catchments/Elective Unit, eg-Managing the Great Barrier Reef
- Theme 4 - People and Development
  - Core Unit 7—Exploring the Geography of Disease
  - Core Unit 8—Contrasts in Development

How will you be assessed?
Semester 1: 1 Report, 1 Practical exam and 2 Short Response Tests
Semester 2: 1 Report, 1 Stimulus Response Essay and 2 Short Response Tests

What do your contributions cover?
A Textbook - "Senior Geography for Queensland", Books 1 & 2, access to various class sets including atlases, printed material for classwork and field excursions, access to Geography based computer programs and library resources.

In Year 11 and 12, a fee of $70 will be charged to cover the costs of field trips.

Who to contact:
Mr Keane (B Block Staffroom or D2 classroom)
GERMAN

QCE – Core (4 Semesters = 4 credits)

Who should study this subject?

Learning a second language is an enriching experience and has educational, cultural and social benefits. Australia is becoming increasingly multi-cultural and Australians themselves are travelling in greater numbers and for longer. As an OP subject, German also can give students extra points for University entry.

Knowledge of a foreign language not only enhances travel but also leads to a greater appreciation of different lifestyles and respect for other communities. It will also help to broaden career choices in hospitality and tourism, trade and business, banking, diplomatic service, media and the armed services. As Germany's economic strength and position in the European Community continues to grow, so too will its importance in trade and on the world stage. Be part of it!

What are the prerequisites?

Study of German in Years 9 and 10 with a HA or VHA are recommended for students wishing to study this subject in senior.

What will you learn?

The Senior German course continues the development of the four macro skills of listening, speaking, reading and writing begun in the Junior course. Thematic units studied include topics such as school issues, hobbies, teenager problems, health, environment, tourism/travel, media. Authentic material is used to provide students with a real learning challenge. The course aims to develop student proficiency in the macro skill areas, plus an appreciation of modern German society and Intercultural learning. English skills may also improve through the study of a second language.

How will you be assessed?

Each of the four skills is tested at least once a semester, using tasks which involve students either responding to language or producing language of their own. Since the course is developmental, final grades are awarded on the basis of the latest results. The four macro skills (Listening, Reading, Speaking and Writing) carry equal weighting.

What do your contributions cover?

They cover the use of several class sets, audio visual material and photocopying. Different textbooks are used and this is supplemented with authentic materials from Germany relevant to each topic covered. Furthermore, German Internet - online exercises and suitable German Websites are regularly used in the lessons according to the different topics. This ensures that both the language and information covered are up-to-date and authentic. A German-English dictionary is recommended.

Other information:

Students will also have the opportunity to participate in a German Food excursion and Oktoberfest. There is also an opportunity to take part in a German student exchange programme and a German school film festival.

If you wish to study Senior German in Years 11 and 12, please see Ms Weise for further information. If numbers are not sufficient to offer the subject ‘on-site’, German will be studied through Brisbane School of Distance Education (BSDE).

Who to contact:

Ms C. Weise (S-Block)
GRAPHICS

Who should study this Subject?

Graphics is a course of study that provides an opportunity to gain an understanding of graphical communications while solving design problems.

It has become an essential tool for all graphical design fields and some graphic based occupations including Architectural Design, Builder, Fine Arts Illustrator, Graphic Designer, Set Designer, Industrial Designer, Landscape Designer, Town Planner, Engineering, Surveying and Advertising.

What are the prerequisites?

There are no prerequisites, however it would be a distinct advantage to have studied Junior Graphics. This provides the foundation to achieve in Senior Graphics.

What will you learn?

Students develop skills in solving design problems and presenting information graphically. They explore design problems through research and investigation, developing ideas and producing and evaluating graphical solutions. The design problems are drawn from the areas of Graphic Design, Industrial Design and Built Environment Design. Students communicate solutions to the design problems through sketching and formal drawing techniques, whilst adhering to industry principles and conventions where applicable.

Students learn how essential graphical communication is as they develop skills in visualising, investigating and analysing technical problems and effectively manipulating mechanical and computer drafting equipment. Computer Aided Design (CAD) is an integral part of the course as students compile a design folio of formal drawings and sketches in response to set tasks.

How will you be assessed?

Assessment is designed to enable students to demonstrate a broad range of their capabilities in both formal and informal settings. The range of assessment techniques and instruments used include:

- Short response tests
- Extended response tests
- Design folios

What do your contributions cover?

There are no student contributions for this subject. Students need to provide their own A3 sketch pad, 2H and 4H pencil (or propelling pencil), eraser and compass.

Other Information

Students are eligible to download AutoCad, Inventor & Revit (latest release) to install on their home computer. Details will be provided during the course.

Who to Contact?

Mr Lawson, Mr Grosse or Mr Petersen (Industrial Technology and Design)
HOME ECONOMICS

Who should study this Subject?
The focus of Home Economics is the well being of individuals, families and society in everyday situations. Home Economics incorporates an informed approach about everyday issues, encouraging critical thinking and practical skills. Home Economics is ideal for students who wish to pursue further education in fields of Health, Nutrition, Interior Design, Counselling, Fashion, Crafts and Textiles.

What are the prerequisites?
There are no prerequisite subjects. However, as this is a QCAA authority subject, a Sound Achievement in both Year 10 English and Maths is preferable.

What will you learn?
Home Economics combines a balance between theory and practical experiences in relation to three areas of study:

- Food Studies – Practical Cookery, Health & Nutrition, Shopping and Consumerism.
- Sustainable Living Environments - Housing, Consumer Affairs, Family Issues & Relationships.

How will you be assessed?
Each semester, there are three pieces of assessment per semester incorporating the three dimensions:

- Knowledge and Understanding (eg. Written exam)
- Reasoning Processes (eg. Research Assignment)
- Practical Performance (eg. Practical Cookery Exam, Textile Item and Journal)

What do your contributions cover?
All worksheets, class sets of texts, fabric, dyes, paints, textile resources, and haberdashery items are covered. Foods for class activities, class dining and taste testing are also covered. Students are to supply their own fabric and ingredients for assessment tasks including trials.

Other Information
This is an authority subject which counts for an OP. After completing 4 semesters, this subject can contribute 4 credit points to the QCE.

Students may study Home Economics, Hospitality Studies and Certificate II in Hospitality all in the same semester but the school recommends choosing no more than two (2) subjects from this field of study due to the costs and commitment involved. Hospitality Practices is incompatible with Hospitality Studies. You cannot study both these subjects.

Safety and hygiene are priorities: therefore students are required to wear solid top footwear for all practical lessons and supply their own resources - e.g. apron, ingredients, and sewing kit for practical tasks.

Who to Contact?
Miss Keillor (HOD - Home Ec), Ms Collins, Ms Davidson, Mr Roberts
HOSPITALITY STUDIES

QCE – Core (4 Semesters = 4 credits)

Who should study this Subject?
Hospitality Studies gives students a foundation from which their skills and understandings of the hospitality industry can develop. Understanding and skills in Hospitality Studies could lead students to professional hospitality careers in food and beverage, catering, entertainment, resorts, tourist attractions, festivals and events, or tourism. Alternatively, students could pursue tertiary studies in hospitality, hotel, event and tourism or business management, specialising in these fields.

What are the prerequisites?
There are no prerequisites. However, as this is a QCAA authority subject, a Sound Achievement in both Year 10 English and Maths is preferable.

What will you learn?
Hospitality Studies promotes a critical awareness of the social, cultural, economic and environmental factors that affect the hospitality industry by focusing on hospitality management practices. Hospitality Studies introduces students to hospitality sectors and environments, issues, management practices and skills as they engage in operational and theoretical hospitality frameworks. Students create, implement and reflect on hospitality events to become familiar with industry practice. Using an inquiry approach, they examine and evaluate issues and explore the possibilities for a sustainable future for the industry.

Students will work individually and in teams. They will develop processes of research, critiquing and decision making and communicate ideas, information, opinions, arguments and conclusions, using information and communication technologies (ICTs) and employ technologies used in hospitality situations.

There are three topic areas that students will study over the two years: KITCHEN PRODUCTION, BEVERAGE PRODUCTION AND SERVICE, and FOOD AND BEVERAGE SERVICE with integrated Hospitality Management Practices such as: Service Operations, Human Resources, Finance, Marketing, Ethics and Accountability.

How will you be assessed?
There are three exit criteria with a minimum of one summative/formative piece of assessment for each criterion per semester:

- Dimension 1: Inquiring (Exams)
- Dimension 2: Planning (Reports)
- Dimension 3: Performing (Practical Performance)

What do your contributions cover?
Students will be supplied with food items for experimentation, class activities and demonstrations, class dining and taste testing, photocopied sheets; recipes, worksheets, supply and use of specialised equipment, access to reference books, class sets and leaflets. Foods to garnish and decorate and additional ingredients to those supplied by the individual.

Other Information
Students may study Hospitality Studies, Home Economics and Certificate II in Hospitality all in the same semester but the school recommends choosing no more than two (2) subjects from this field of study due to the costs and commitment involved. Hospitality Studies is incompatible with Hospitality Practices. You cannot study both these subjects. Safety and hygiene are priorities: therefore students are required to wear solid top footwear for all practical lessons and supply their own resources - e.g. apron and ingredients. Function work is compulsory and this can be out of school hours. A set of “black and white” or “black and black” uniform will need to be bought. Contributions do not cover the cost of courses throughout the two years - e.g. RSA Course.

Who to Contact?
Miss Keilior (HOD - Home Ec), Ms Collins, Ms Davidson, Mr Roberts
JAPANESE

QCE – Core (4 Semesters = 4 credits)

Who should study this subject?
Learning a second language is an enriching experience and has educational, cultural and social benefits. Australia is becoming increasingly multi-cultural and Australians themselves are traveling in greater numbers and for longer. Knowledge of a foreign language not only enhances travel but also leads to a greater appreciation of different lifestyles and respect for other communities. In addition there are increasing opportunities in the workplace for students of Japanese, particularly considering Australia's close links with Japan and Asia. It is for these reasons that the Australian government has targeted Japanese as a key language.

What are the prerequisites?
Since the Senior Japanese course builds on work covered in the Junior course, students should have achieved a minimum standard of a Sound Achievement in Year 10 Japanese. Alternatively, an interview with the Japanese Coordinator should be arranged.

What will you learn?
The Senior Japanese course continues the development of the four macro skills of listening, speaking, reading and writing begun in the Junior course. Both formal and informal speech patterns will be practiced, and students will develop their speaking and listening skills by means of role-plays, in-class conversations, and by watching videos and listening to tapes.

Reading and writing skills will be developed through continued practice of both Hiragana and Katakana. A further 150 Kanji (Chinese characters) will be studied at the senior level. Kanji will be introduced in the context of the topics covered in class. Topics are chosen to allow students an in-depth appreciation of Japanese culture and customs and include travel and tourism, giving and receiving, eating out, entertainment, mass media and lifestyle.

How will you be assessed?
Each of the four skills (Reading, Writing, Speaking and Listening) are tested at least once a semester using tasks which involve students either responding to language or producing language of their own. Since the course is developmental, final grades are awarded on the basis of the latest results. The four macro skills carry equal weighting.

What do your contributions cover?
They cover the use of several class sets, audio visual material and photocopying.

Other information:
A Japanese-English dictionary is recommended and can be obtained from the Bookroom as part of the Textbook levy.

If you wish to study Senior Japanese in Years 11 and 12, please see Mr Haig, Mr O’Neill or Mrs Keane for further information. If numbers are not sufficient to offer the subject ‘on-site’, Japanese will be studied through Brisbane School of Distance Education (BSDE).

Who to Contact?
Mr Haig (T block)
Mr O’Neill (S Block)
Mrs Keane (S Block)
LEGAL STUDIES

QCE – Core (4 Semesters = 4 credits)

Who should study this subject?

The study of Legal Studies encourages students to understand the impact of the law, legal system and legal processes on their daily lives. Students interested in pursuing careers in law, accounting, business, social work, teaching and related areas, and who seek employment in banking, law enforcement, real estate, retailing and the trades will benefit from this subject. Students who select Legal Studies will acquire basic legal knowledge and develop skills, attitudes and values that will enhance their awareness and competence to participate in democratic society.

What are the prerequisites?

Students wishing to take Legal Studies require a minimum Sound Achievement for Year 10 English and a Junior Humanities subject at Year 10 level. Students must study Authority English in Year 11 and 12 to undertake Legal Studies. If a student intends to take part in a school-based traineeship or apprenticeship that involves them missing a lesson each week, the student MUST arrange a catch-up lesson once a week with their teacher, either during one of their Study lessons or during a break. This is not a subject that can be successfully completed part-time.

What will you learn?

Students will learn how laws are made and how our legal system functions in relation to criminal and civil law. They will become familiar with legislation that protects their rights and outlines their responsibilities relating to law and society. Students will also be taught research skills and the presentation of material. Students will gain valuable courtroom knowledge from the perspective of a jury when participating in class mock trials.

Senior Legal Studies students may take part in Law Week activities organised by personnel at the Gympie Court House.

COURSE STRUCTURE

Year 11

Semester 1
- Introduction to the Legal System
- Criminal Law

Semester 2
- Human Rights/International Law

Year 12

Semester 3
- Introduction to Civil Obligations/Employment and the Law
- Housing and the Law

Semester 4
- Independent Inquiry
- Technology and the Law

How will you be assessed?

The assessment program includes formal examinations, research assignments, oral presentations, reports and practical exercises.

What do your contributions cover?

Use of class sets, audio visual material, photocopying, internet usage and computers. Contributions cover the use of a wide variety of reference material required to supplement the student text.

Who to contact:

Mr Bowman (B Block)
Mr Morton (H14)
MARINE SCIENCE

QCE – Core (4 Semesters = 4 credits)

Who should study this Subject?
“Marine science is concerned with researching marine environments to determine their biological and oceanographic features, and devising conservation strategies that may lead to a sustainable future. Marine environments are central to the Australian way of life, contributing to our nation’s food supply, mineral resources and trade, and to the recreation, tourism and transport industries. Global population increases and changes in climate have the potential to impact on the fragility of marine environments, leading to a range of issues and problems that must be considered to ensure a sustainable future” (Marine Science Senior Syllabus 2013, QSA)

A course of study in Marine Science can establish a basis for employment in the fields of fisheries and aquaculture, conservation and resource management, and tourism, seafood and maritime industries. Marine Science provides valuable background knowledge to tertiary studies in marine science, marine biology, nautical science, oceanic engineering, oceanography, remote sensing, marine economics and environmental education. As such, Marine Science should be a primary choice for students who anticipate entering these courses at tertiary level.

As an Authority Subject, Marine Science will contribute to an OP and can provide appropriate preparation for many tertiary courses due to its emphasis on academic content and skills.

What are the prerequisites?
Students attempting this course must have a good pass in Science (B or better) in Semester 1, Year 10 and Maths as well as successful completion of the Life Science or Biology Units in Semester 2, Year 10. Students who do not meet these requirements must consult with the Science Head of Department before selecting this course.

What will you learn?
Students will be involved in a wide range of learning activities. Typical learning experiences encountered in a Marine Science course include: demonstrations/lectures, problem-solving sessions, oral reports, audiovisual, observation and analysis, laboratory and field activities and experiments, independent study and library research.

A significant part of the study of Marine Science will be spent in the collection and analysis of primary and secondary data, gathered through field trips and research. Each student will be expected to develop practical skills in laboratory and field work and to learn the correct care and operation of precision equipment.

CORE topics in the Marine Science course are:
- Environmental influences on marine ecosystems: explore tides, weather and biotic impacts on marine environments
- Boating and marine electronics: operate marine electronics and boats as modes for research and data collection
- Plankton and nekton: investigate and classify marine and littoral organisms
- Ocean basins and sediments: understand the abiotic components of oceanic and coastal environments
- Diversity of marine ecosystems: investigate the diverse landscapes and relationships of marine ecosystems (rocky shores, sandy beaches and estuaries)
- Conservation of marine ecosystems: explore marine and aquatic sustainability measures (aquaculture, protecting marine landscapes)

How will you be assessed?
Students will be given the opportunity to display achievement of the course objectives through a variety of assessment instruments, including Extended Experimental Marine Investigations, Research Tasks resulting in essays and Written Reports as well as supervised theory and practical Examinations.

What do your contributions cover?
Years 11 and 12 booklets of experiments and additional information booklets, work sheets, handouts, extra laboratory materials, resource books, DVDs.

Subject Levy
A Subject Levy of $195 per semester applies to this course to cover costs associated with Extended Experimental Investigations, camps and excursions.

Other Information
Able students are given assistance in applying for university enrichment programs such as Defence Forces studentships, Open Days and scholarships.

Who to Contact?
Mrs Bekker (J staffroom)
MATHEMATICS A

Who should study this Subject?

This subject is suitable for students who wish to proceed onto tertiary studies but whose career choice does not require a higher level of theoretical mathematics (ie Algebra). Students are advised to check the QTAC Guide to determine if their preferred course of tertiary study requires Mathematics B as a pre-requisite.

A "C" rating in one semester of Mathematics A meets the QCE requirements for numeracy.

What are the prerequisites?

Students must attain at least a "C" standard in Year 10 Core Mathematics.

What will you learn?

- Financial Maths - earning, saving and spending money
- Applied Geometry - application of measurement and spatial representations to the calculation of cost.
- 2 and 3 Dimensions, eg geometry as associated to earth navigation.
- Statistics and Probability - modern concepts will be developed, eg use of data for analysis and decision making.

How will you be assessed?

Assessment is continuous throughout the semesters and includes:
- take home assignments;
- skill tests in the use of mathematical technology (graphic calculators, computer software);
- formal mid semester and end of semester exams.

Year 12 results ONLY will be used to determine the exit statement result that will appear on your Certificate of Education and for OP calculations. If a student leaves a Mathematics subject in Year 11 then the result gained in Year 11 will be used for exit results. Year 11 results will also be used if Year 12 results are abnormal due to unusual circumstances or special consideration.

A student must follow the guidelines of the school's assessment policy in order for a result to be awarded in an assessment task. All assessment tasks must be complete by the due date.

What do your contributions cover?

Contributions cover the use of text books, class sets AV material, photocopying and graphics calculators.

Students must supply their own scientific calculator. The recommended calculator is a Sharp EL-531XHB which can be purchased from the school office.

Other Information

Students may choose to do a Mathematics double of Math A and Math B as the two subjects have different content material. This may be relevant to a student considering secondary teaching as a future career.

If you intend to study beyond year 12 at a tertiary institution, please make sure that you check the QTAC Booklet for pre-requisite subjects needed for the course that you intend to undertake.

Who to Contact?

Mr Trueman (J HODs)
MATHEMATICS B

Who should study this Subject?

Students should read the QTAC Guide for tertiary entrance to determine if Maths B is a required pre-requisite for their intended course of study.

Some universities prefer students to have completed certain maths subjects although these subjects may not be identified as prerequisites in the QTAC Guide. For example, the University of Queensland requires Maths C for Engineering and prefers Maths B for Engineering, Science, Computer Science and Economics. They provide summer schools at cost for students who have not studied these subjects.

A "C" rating in one semester of Mathematics B meets the QCE requirements for numeracy.

What are the prerequisites?

A student should be achieving at a "C" Level or better in Year 10 Extension Mathematics.

Students who have not attained this achievement level are required to gain the approval of the HOD Mathematics before undertaking this subject. Mathematics B is NOT recommended for students who have taken Core Mathematics in year 10.

What will you learn?

- Functions: investigating relationships and devising models to predict these relationships
- Rate of Change: investigating average and instantaneous rates of change between variables. This is the beginning of calculus.
- Periodic Functions and Applications: applications of sin, cos and tan functions.
- Exponential and logarithmic functions: modelling relationships between variables in real life situations
- Integration - theory of integration and its application in life related situations will be investigated
- Optimisation - real life applications to providing the "optimum" solution.
- Applied statistical analysis: describing, summarising, comparing and modelling with data

How will you be assessed?

Assessment is continuous throughout the semester and includes:
- take home assignments;
- skill tests in the use of mathematical technology (graphic calculators, computer software);
- formal mid semester and end of semester exams.

Year 12 results ONLY will be used for the exit statement result that will appear on the Certificate of Education and for OP calculations. If a student leaves a Mathematics subject in Year 11 then the result gained in Year 11 will be used for exit results. Year 11 results will also be used if Year 12 results are abnormal due to unusual circumstances.

A student must follow the guidelines of the school's assessment policy in order for a result to be awarded in an assessment task.

What do your contributions cover?

Contributions cover the use of textbooks, several class sets, AV material, photocopying and computer software.

Other Information

Students may choose to do a Mathematics double of Math A and Math B as the two subjects have different content material. This maybe relevant to a student considering secondary teaching as a future career.

Access to a Graphic Calculators is strongly recommended. Graphics calculators may be hired from the school at a cost of $35 per year with a $100 refundable bond.

Who to Contact?
Mr W Trueman (J HODs)
MATHEMATICS C

Who should study this Subject?

Maths B and C may be done as companion subjects. If a student selects Maths C they MUST take Maths B.

Students should refer to the QTAC Guide to determine if preferred study courses at university requires Mathemaic C as a pre-requisite.

Some universities prefer students to have completed certain maths subjects although these subjects may not be identified as prerequisites in the entrance booklet. For example, the University of Queensland requires Maths C for Engineering and some Computer Studies. Take care to know what prerequisites your intended career course requires.

A "C" rating in one semester of Mathematics C meets the QCE requirements for numeracy.

What are the prerequisites?

A student is required to achieve at a "B" level or better in Year 10 Extension Mathematics. Students are required to gain the approval of the HOD Mathematics before undertaking this subject.

What will you learn?

Topic for study
- Group Theory, Real and Complex Number Systems.
- Matrices and Vectors will be applied to life problems.
- Permutations and Combinations
- Calculus will be developed further than in Maths B and more applications will be covered.
- Number Theory: sequences and series
- Planar Geometry
- Study of Functions: trigonometric, logistic and exponential

Topics studied will have an emphasis on the application to real life situations.

How will you be assessed?

Assessment is continuous throughout the semester and includes:
- take home assignments;
- skill tests in the use of mathematical technology (graphic calculators, computer software); 
- formal mid semester and end of semester exams.

Year 12 results ONLY will be used for the exit statement result that will appear on the Certificate of Education and for OP calculations. If a student leaves a Maths in Year 11 then the result gained in Year 11 will be used for exit results. Year 11 results will also be used if Year 12 results are abnormal due to unusual circumstances.

A student must follow the guidelines of the school's assessment policy in order for a result to be awarded in an assessment task.

What do your contributions cover?

Contributions cover the use of textbooks, class sets, audio visual material, photocopying and computer software.

Other Information

Access to a Graphic Calculators is strongly recommended. Graphic Calculators may be hired from the school at a cost of $35 per year with a $100 refundable bond.

Who to Contact?

Mr W Trueman (J HODs)
MODERN HISTORY

Who should study this subject?

Modern History is the study of the modern world: what is happening in the world today and how the past influences the present. It will increase your general knowledge and your ability to find information and present it clearly. Skills learned in Modern History can be used in jobs that involve dealing with people. It is especially relevant to those interested in media, the law, the diplomatic service, the tourist industry, public relations, management, entertainment industry and teaching. All tertiary subjects, including Maths and Science, require research skills as part of their courses. Modern History gives a strong grounding in this skill.

What are the prerequisites?

Students wishing to take Modern History require a minimum Sound Achievement for both Year 10 English and Junior History. Studying Humanities 10.5 in Year 10 is recommended to give a good grounding in the necessary skills. Students should study Authority English in Year 11 and 12 to undertake Modern History. If a student intends to take part in a school-based traineeship or apprenticeship that involves them missing a lesson each week, the student MUST arrange a catch-up lesson once a week with their teacher, either during one of their Study lessons or during a break. This is not a subject that can be successfully completed part-time.

What will you learn?

In Modern History the main skills are reading, note taking, thinking and discussing. You are encouraged to use your imagination, to present a different viewpoint, to question and to put forward your ideas.

COURSE OUTLINE

In Year 11 you will study topics from the following themes:
- European Imperialism and the Struggle for Independence (British in India)
- Australians at War (Boer War to Iraq Conflict) – How has war impacted the lives of Australians?
- Studies of Conflict - Hitler's rise to power, luck or skill?
- Australian Foreign Policy - Changing attitudes to immigration.
- Race and Racism (Australia and South Africa) – a study of hope.

In Year 12 you will study topics from the following themes:
- Studies of Power/’Ism’s’ – concepts and beliefs that have changed the World.
- Revolutionary change in the 20th century (Russia and China)
- Individual Choice - a choice of inquiry topics across several themes,
  - Studies of Power,
  - The history of everyday lives,
  - The individual in history
  - History and futures.
- History of Ideas and Beliefs (Arab/Israeli Conflict)

The skills developed in this subject are the ability to:
- understand why events in the past can shape events in the present and future;
- research information;
- distinguish between fact and fiction;
- present a clear interpretation of events;
- prepare written reports;
- listen to other people's views.

How will you be assessed?

Year 11: 3 research tasks (written and oral); 1 short answer response to stimulus exam; 1 extended written response to stimulus test.

Year 12: 2 research tasks (written and oral); 1 short answer response to stimulus test; 1 extended written response to stimulus test.

What do your contributions cover?

The use of several class sets, audio visual material and photocopying.

Other information:

Excursions to seminars organised by Queensland History Teachers Association in Year 11 and 12.

Who to contact:

Mrs Buckland (H14 - Senior HOS staffroom)
Who should study this Subject?

Music holds a significant and special place in the everyday life of all cultures and societies. Studying Music can enhance your enjoyment of music, develop your practical and creative potential, and allow you to contribute to your community’s cultural life.

Senior Music seeks to develop a broad and integrated understanding of music. The course encourages you to become a creative and adaptable thinker and problem solver, making informed decisions and developing your abilities to analyse and critically evaluate. A deeper level of knowledge, understanding and active participation in music making may support you in maintaining a lifelong engagement with music.

The course is then suited to those wanting to nurture their appreciation of music, develop skills and knowledge suited to careers in the arts, and continue on to tertiary education.

What are the prerequisites?

Requirements:

- to be able to adequately play a musical instrument (including vocals) and perform in front of an audience
- a willingness to develop commitment and self-discipline to all areas of music study
- a willingness to engage in the study a wide variety of musical contexts, genres and styles
- a willingness to focus and actively participate in new experiences...
- and preferably: successful completion of the Year 10 music course.

What will you learn?

Senior Music is based around three dimensions:

- Composition (the creation of music): you will explore and experiment with sounds, instruments, styles, new media and methods of documenting sound to express your personal music ideas.
- Musicology (the study of music in social, historical and cultural contexts): you will research, analyse and evaluate music from many sources to communicate your music ideas and express music viewpoints.
- Performance (presenting music through playing, singing and/or conducting): you will have opportunities to develop your practical music skills, both individually and in groups.

How will you be assessed?

You will complete two of each of the following tasks in both Year 11 and 12:

- Composition tasks: require you to create original music
- Extended responses: require you to analyse, evaluate and synthesise music to express a viewpoint
- Performance tasks: require you to perform to an audience

What do your contributions cover?

The use of a variety of music technology, instruments, and resources including scores, recordings, videos, and texts.

Who to Contact?

Mrs Zande (Upper B Block Staffroom).
MUSIC EXTENSION – Year 12 only

What preparation or prior studies do students need?
Music extension is offered to Authority Music Students who have successfully completed 2 semesters of Year 11 Authority Music. Students need to have a passion for either composing, performing or musicology, and to have demonstrated advanced skills in this area of music study.

What do students study?
Students choose to specialise in one of three areas: Performing, Composition or Musicology. Students then focus on this area only for the entire course. Assessment consists of one investigating task (e.g. an investigation based assignment) and two realising tasks which require a minimum of 20 minutes performance footage (for Performing speciality), a minimum of 4 minutes of composition (for Composition speciality) or a minimum of a 3000 word research assignment (for Musicology speciality).

Other Information
This course will also prepare students for both professional and university auditions.

Who to Contact?
Mrs Zande (Upper B Block Staffroom).
PHYSICAL EDUCATION

Who should study this Subject?
Students with an interest in Physical Education. You might have interest in teaching, personal training, nursing, physiotherapy, sports medicine, fitness trainer, coaching, and other professions that involve people and Physical Education.

What are the prerequisites?
It is highly recommended that students have demonstrated high marks in Junior HPE. A semester of Advanced Physical Education in year 10 is also a suitable preparation for Senior Physical Education. Full and consistent participation in all class activities is a requirement. Swimming is an essential component of the course.

What will you learn?
The construction of the two year course is as follows

Year 11
- Volleyball / Motor Learning
- Badminton / Biomechanics
- Touch Football / Exercise Physiology
- Swimming / Study of Sport in Society – Sociology

Year 12
- Swimming / Fitness Training Program Design
- Touch Football / Study of Sport in Society – Sociology
- Volleyball / Sport Psychology
- Badminton / Coaching Theory

How will you be assessed?
Assessment is made up of Exams, Assignments & Multi-media Presentations (50%) and Physical Performance (50%).

Physical Performance Component:
- ongoing assessment through units focusing on skills, strategies and tactics
- assessment in four practical units per year

Theoretical Component:
- Four written / oral presentation pieces per year
- This is a theory based course that contributes to an OP at the end of Senior.

What do your contributions cover?
Teaching aids and equipment costs.

Who to Contact?
Mr Banks (T Block Staffroom)
Who should study this Subject?
Physics is the study of the universe and how it works. Physics utilises technology to take precise measurements, involves reproducible experimentation and relies on mathematical relationships to explain scientific observations. The applications of Physics have produced and continue to produce many benefits to our society, including the development and provision of new information, ideas and theories. Physics is an appropriate choice for students with an interest in Mathematics and Science and who have successfully completed Mathematics and Science at Year 10 level.

Physics provides valuable background knowledge to tertiary studies in science, engineering, medicine, pharmacy, physiotherapy and agriculture and, as such, should be a primary choice for students who anticipate entering these courses at tertiary level. It is certainly a desirable choice for students who intend to pursue secondary science teaching, paramedical and health-care courses. Students planning on a career in Engineering are encouraged to consider undertaking Engineering Technology in addition to Physics as a way to complement their Physics course with practical, problem-solving based learning.

As an Authority Subject, Physics will contribute to an OP and can provide appropriate preparation for many tertiary courses due to its emphasis on academic content and skills.

What are the prerequisites?
Students attempting this course must have a good pass in Science (B or better) in Semester 1, Year 10 and Maths as well as successful completion of the Physics Unit in Physical Science in Semester 2, Year 10. It is strongly recommended that students undertake Maths B in Year 11. Students who do not meet these requirements must consult with the Science Head of Department before selecting this course.

What will you learn?
Students will be involved in a wide range of learning activities. Typical learning experiences encountered in a Physics course include: demonstration/lecture, problem-solving sessions, oral reports, audiovisual, observation and analysis, laboratory activities and experiments, computer interfacing, independent study and library research.

A significant part of the study of Physics will be spent in observation and measurement exercises as well as mathematical analysis of quantitative problems and models. Each student will be expected to develop practical skills in laboratory work and to learn the correct care and operation of precision equipment.

CORE topics in the Physics course are:
- Energy and Momentum
- Magnetism and Electromagnetism
- Thermal Physics
- Atomic and Nuclear Physics
- Wave Motion
- Physical Quantities and Measurement
- Optics
- Forces and Motion
- Electricity and Electronics

How will you be assessed?
Students will be given the opportunity to display achievement of the course objectives through a variety of assessment instruments, including Extended Experimental Investigations, Research Tasks resulting in essays and written reports as well as supervised theory and practical examinations.

What do your contributions cover?
Years 11 and 12 booklets of experiments and additional information booklets, work sheets, handouts, extra laboratory materials, resource books, DVDs.

Subject Levy
A Subject Levy of $20 per year applies to this course to cover costs associated with Extended Experimental Investigations.

Other Information
Able students are given assistance in applying for university enrichment programs such as Defence Forces studentships, Open Days and scholarships.

If students numbers are insufficient to form a class, this subject will be offered by Distance Education or Virtual Schooling, with weekly tutorial assistance from Gympie High teachers. Additional costs for students may apply in this case.

Who to Contact?
Mrs Bekker (J Staffroom) HOD Science, Agriculture and Marine
VISUAL ART

Who should study this Subject? QCE – Core (4 Semesters = 4 credits)

Visual Art is for those student's whose interest in Art is for future employment prospects or university courses.

If you are interested in any creative career (e.g.: Graphic Artist, Community Artist, Theatrical Designer, Architect, Curator, Teacher, Industrial Designer, Scientific Illustrator, Animator) you should select this subject.

What are the prerequisites?

Students wishing to undertake Visual Art require a minimum Sound Achievement for Year 10 English and Art and are studying Authority English in Year 11 and 12.

ART- Advanced is the Year 10.5 preparation for Visual Art students. Creative, competent students who have not completed this unit may negotiate with HOD to secure position in this course.

If you wish to pursue a traineeship, apprenticeship or TAFE course it is advisable to select VAS (Practical Art)

What will you learn?

In Visual Art you will make artworks in a variety of media and support this with studies in appreciating and analysing artworks.

You will develop your:

- imagination and originality
- ability to explore and apply materials and techniques
- knowledge and understanding of art history, art movements, styles and artists

All practical artwork has a theoretical base of visual literacy and writing tasks

Year 11 - (Formative) Artwork is developed from teacher directed activities related to given focus, context and concept

Year 12 - (Summative) Students create artwork based an individual focus and context related to a given concept

It is expected that all students will attend an excursion to Brisbane to view one exhibition (per year) as this forms the basis of an analytical essay.

How will you be assessed?

Assessment in Visual Art is based on a folio consisting of a body of work, a resolved piece, visual diary (documenting process work) and an extended writing task per term for Yr 11 and 3 per year for Yr 12.

Some components of the course must be completed as homework.

What do your contributions cover and other information?

Basic art equipment and materials needed to complete the set tasks are provided, as well as access to class sets of art textbooks and Library resources.

NOT COVERED by Contributions - as listed on "Subject Resource List":

- Pencil Case – with pencils, pens, eraser - & with glue, scissors, ruler
- 1 Visual Diary, A4 60 sheets (1 per term yr 11 and 1 per unit yr 12) drawing pencils (2B, 4B, 6B), 1 x Soft plastic eraser, Glue, Ruler, Scissors
- Students may wish to purchase their own additional materials to further individualise their work
- Each student will need to fund one (1) excursion to art gallery c.$30

Who to Contact?
Art Teachers in A & C Block Staffrooms
A STUDENT CAN RECEIVE UP TO 5 Field Positions (FP), depending on subject choice. FPs are reported in 10 bands, with 1 being the highest and 10 the lowest in the following fields:

Field A – extended written response involving complex analysis and synthesis of ideas

Field B – short written communication involving reading, comprehension and expression in English or a foreign language

Field C – basic numeracy involving simple calculations, and graphical and tabular interpretations

Field D – solving complex problems involving mathematical symbols and abstractions

Field E – substantial practical performance involving physical performance involving physical or creative arts or expressive skills

<table>
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<th>Syllabus</th>
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<th>Field A</th>
<th>Field B</th>
<th>Field C</th>
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AGRICULTURAL PRACTICES

QCE – Core (4 Semesters = 4 credits)

Who should study this Subject?
This course caters for students seeking a vocational future in rural or service industries. It should be noted that the knowledge and skills gained within the course will also have applications outside the rural industries. The majority of assessments in this course are based on tasks involved with the establishment, management, picking and processing of the school’s horticulture crops. Although assistance with all other farm activities will be required at some time.

What are the prerequisites?
An interest in small crops, machinery and the environment would be an advantage. You must be willing to do physical work outside and be happy to get a little dirty. It is essential that you understand the importance of working safely. It is compulsory to wear a hat and non slip substantial footwear; and recommended you wear a long sleeve shirt.

What will you learn?
You will develop:
- An understanding of safety and management practices.
- An understanding of the plant industry.
- Practical skills relevant to rural industry.
- Numeracy and literacy skills relevant to the rural industry.

The following units are studied over a two-year period. ALL units involve theory and practical components:
- Safety rules, regulations and recommendations.
- Equipment maintenance and operation.
- Management practices.
- Operating machinery.
- Plant production.
- Plant agribusiness.

How will you be assessed?
- Assignments
- End of Semester Exam
- Practical Skills

All units are assessed. Assessment pieces may require responses to a number of units in any one task.

Practical skills are assessed from observations made whilst assisting with routine rural tasks.

What do your contributions cover?
There is a consumable subject charge in addition to the school’s Textbook and Resource Hire Scheme to cover reprographics, materials for practical work (picking gloves, grinding discs, welding electrodes) and an excursion to a local small crop farm.

The subject charge is estimated to be $50 for year 11 and a further $50 for year 12.

Who to Contact?
Mr Leitch (Ag Staffroom)
ENGLISH COMMUNICATION  

QCE – Core (4 Semesters = 4 credits)

Who should study this Subject?
Students who are ineligible for an OP should choose this subject. Students will receive a Level of Achievement from the QCAA. This subject is not used in the calculation of an OP but may be used in the calculation of a non OP Tertiary entrance rank (called a Selection Rank). To be eligible for the required Literacy component of the QCE, students must pass at least one semester of English or English Communication.

What are the prerequisites?
Students who studied English Communication in Year 10 must study English Communication in Year 11 and 12. Any student who wants to study English and was in English Communication in Year 10 must have the consent of the Head of Department, Ms Palm.

What will you learn?
The course is divided into eight units, one for each term.

Year 11: Teenagers and the Law; Get to Work!; Read about the World; and Pop Culture.

Year 12: See the World; Explore Your World; and Australia and the World.

How will you be assessed?
In each year level, there are four assessment items in Semester One, two spoken and two written. There are three assessment items in Semester Two, two spoken and one written. This is in line with QCAA requirements that at least 50% of the assessment must be spoken.

What do your contributions cover?
The use of several text book class sets, audio visual material, computer use, photocopying and a cultural performance.

Who to Contact?
Ms Sutton (Upper B Block)
Hospitality Practices emphasises the food and beverage sector, which includes food and beverage production and service. Through this focus, students develop an understanding of hospitality and the structure, scope and operation of related activities in the food and beverage sector.

A course of study in Hospitality Practices can establish a basis for further education and employment in the hospitality sectors of food and beverage, catering, accommodation and entertainment. Students could pursue further studies in hospitality, hotel, event and tourism or business management.

What are the prerequisites?

There are no prerequisites to doing Hospitality Practices.

What will you learn?

This course of study consists of three core topics – navigating the hospitality industry, working effectively with others, and hospitality in practice.

The core topics describe concepts and ideas and the associated knowledge, understanding and skills fundamental to the hospitality industry, and are delivered through electives. The 3 electives – kitchen operations, beverage operations and service, and food and beverage service - represent key employment areas enabling students to develop a solid understanding of the sector.

This subject enables students to develop skills in food and beverage production and service. You will learn to work as individuals and as part of teams to plan and implement events in a hospitality context. Events provide opportunities for students to participate in and produce food and beverage products and perform service for customers in real-world hospitality contexts. As well, students examine and evaluate industry practices from the food and beverage sector.

Extended learning situations in which teams of students conduct a flow of work from kitchen through food preparation to restaurant service and clean-up is encouraged. Students will have the opportunity to be part of functions and events that cater for both small and large scale preparation and distribution of food and beverages in a variety of hospitality contexts. Students will have opportunities to develop personal attributes including the ability to communicate, connect and work with others, plan, organize, solve problems, and navigate the world of work. The development of efficient and effective work practices and skills is emphasised.

How will you be assessed?

There are three exit criteria with a minimum of one summative/formative piece of assessment for each criterion per semester:

- Dimension 1: Knowing and understanding
- Dimension 2: Examining and applying
- Dimension 3: Planning and evaluating

Assessment techniques will include projects, investigations, extended responses to stimulus and exams.

What do your contributions cover?

Food items for class activities, experimentation, taste testing and class dining; worksheets, recipes, access to class sets and reference sets, photocopied activities, menus, etc, supply and use of specialised equipment. Ingredients additional to those supplied by the individual. Foods to garnish and decorate dishes. Access to an extensive library of recipe books.

Other Information

A high standard of safety and hygiene also applies for this subject. Students are required for all practical lessons to wear solid top footwear and secure long hair. Students may study Hospitality Practices, Home Economics and Certificate II in Hospitality all in the same semester but the school recommends choosing no more than two (2) subjects from this field of study due to the costs and commitment involved. Hospitality Practices is incompatible with Hospitality Studies. You cannot study both these subjects.

Who to Contact?

Miss Keillor (HOD - Home Ec), Ms Collins, Ms Davidson, Mr Roberts
Who should study this Subject?

Industrial Skills provides students with work, life and leisure skills which help to develop understanding of aspects of the building, furnishing, plastics and engineering industry. There are no accredited vocational modules within this strand. Students must demonstrate a desire to produce quality work and have a genuine interest in achieving in the subject.

What are the prerequisites?

There are no prerequisites, however it would be an advantage to have studied Industrial Technology A and/or Industrial Technology B.

What will you learn?

The students have the opportunity to experience learning experiences with a range of materials and processes in a project based environment. Industrial Technology Studies consists of a set of core requirements relating to topics such as Workplace Health and Safety and Plan reading, as well as some outcomes relating to industrial, domestic and recreational applications. The course involves the construction/fabrication of set projects during the two years of the course. Students are instructed in how to use hand and power tools safely, plan and organise work, accurately carry out measurements and calculations, and handle materials safely. The nature of the subject area means that it is mandatory that students abide by the Workplace Health and Safety requirements, and wear approved protective gear as appropriate.

How will you be assessed?

This subject is not Industry Standard Competency based however students will need to produce projects of an acceptable standard. Assessment includes:

- Completion of projects
- Quality of finished projects
- Work procedures and safety
- Completion of theory work
- Observation relating to work practices
- Oral questioning relating to work practices

Students will receive a rating up to a Very High Achievement level.

What do your contributions cover?

Due to the cost of student project materials such as timber, hardware items, steel, and welding rods, there is a subject charge associated with this course. The subject charge for 2017 is estimated to be $120.00 and this includes a personal set of safety glasses and hearing protection that need to be worn in the workshop. This should be paid by the end of Term 1, 2016, otherwise students may be required to select another subject unless a payment plan can be negotiated with the school’s Business Services manager.

Other Information

It would be advantageous for students to participate in the Structured WorkPlace Learning program operating in the school.

Who to Contact?

Mr Lawson (HOD Industrial Technology and Design)
AQUATIC PRACTICES

Who should study this Subject?
This subject is suitable for students with vocational interests in the marine and aquatic industry or an interest in aquatic pursuits such as boating, fishing, snorkeling, diving or caring for the marine environment.

What are the prerequisites?
An interest in boating, water activities and the environment would be an advantage. You will be required to complete a swimming test in the first 3 weeks of year 11. Students who do not complete the swimming will not proceed with the subject.

What will you learn?
A course of study in Aquatic Practices will give insight into how Australians interact with their coastal waters, freshwater rivers, lakes and wetlands. Students will study the management of aquatic regions and their ecological and environmental importance, helping them to position themselves within a long and sustainable tradition of custodianship.

You will develop:
- An understanding of technologies relevant to marine industry, marine biology, weather and tide patterns.
- Practical skills relevant to boating, recreational fishing, aquatic pursuits and environment care.
- An understanding and knowledge of recreational fishing rules and regulations and environmental care strategies, related tools and materials and skills to work with them.
- Skills in first aid that would help in obtaining a first aid/resuscitation certificate.

The following units are studied over a two-year period. ALL units involve theory and practical components:

- Small boat handling
- Recreational fishing
- Marine electronics (radio, sounders, gps)
- Weather and tides
- Snorkelling
- Dangerous marine creatures
- Fishing rod & lure construction
- First Aid

How will you be assessed?
- Assignments
- End of Semester Exam
- Practical Skills

All units are assessed. Units such as snorkeling, small boat handling, first aid and marine communication require workbooks and exams to be completed.

Practical skills are also assessed with most boating and recreational fishing testing being done on boating days, excursions and camps, lure building and fishing rod building.

Camps are necessary for assessment and are viewed as a compulsory part of this course.

What do your contributions cover?
In addition to the school’s Textbook and Resource Hire Scheme which covers materials for practical work, camps and boating days, there is a subject charge, estimated to be $230 for year 11, 2014. This is required to be paid in full by the end of Term 4. Failure to pay will lead to exclusion from the subject. Payment plans can be negotiated with the school’s Business Service Manager.

Students Fees Breakdown 2016

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine Work Books</td>
<td>30</td>
</tr>
<tr>
<td>Fishing Rod Building</td>
<td>60</td>
</tr>
<tr>
<td>Boating Days x 2</td>
<td>50</td>
</tr>
<tr>
<td>Recreational Fishing Trip</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>230</strong></td>
</tr>
</tbody>
</table>

Who to Contact?
Mr. Chris Costa (Subject Area Coordinator), Mrs. Sally Bekker (HOD Science)
PREVOCATIONAL MATHEMATICS

Who should study this Subject?

Pre-vocational Maths is designed to give students experience in the mathematics they are likely to encounter in ordinary jobs. It fits below Maths A in difficulty level and does not contribute to a student's OP score. The subject is an Authority Registered subject, and your results will count towards your Queensland Certificate of Education. A "C" rating in one semester of PreVocational Mathematics meets the QCE requirements for numeracy. It is an important subject to consider for students that have not attained a C rating in Mathematics in year 10. Some employers, eg Australian Armed Forces, may require this as a pre-requisite for entry.

What are the prerequisites?

No pre-requisites required. This course is essential for students who maybe at risk of not meeting their QCE requirement for numeracy.

What will you learn?

The full course consists of 8 units, one each term. Each unit is based on a theme ("Building a House", "Food Preparation", "Retailing" etc.) and contains several strands of maths pertaining to the theme. Through this thematic approach, student complete requirements within the topics of Number, Data, Location and Time, Measurement and Finance.

How will you be assessed?

This course has a practical intent. At least 50% of your assessment will occur through practical investigations around real life experiences related to the theme of the term of study. Individualised assistance may be provided by Learning Support staff.

What do your contributions cover?

There is a text book for this subject as well as class activity sheets and handouts. Contributions to this subject are made through participation in the school's Text Book and Resources Hire Scheme and are used to provide these resources.

Other Information

Students will require a Scientific calculator for this subject. Calculators can be purchased from the payment window at the office at reasonable cost.

Who to Contact?

Mr W Trueman (J HODs)
RECREATION STUDIES

Who should study this Subject?
Students who are thinking about employment in the local area or recreation industry. Students who have a passion for a variety of physical activity, sport, health and exercise.

What are the prerequisites?
It is highly recommended that students have participated fully in Junior HPE. Participation in all practical activities is essential.

What will you learn?

Practical
- Swimming,
- Team games such as Touch, Basketball and Futsal
- Racquet sports,
- Outdoor education – archery, orienteering,
- Community sports,
- Coaching others.

Theory:
- Recreation industry
- Event management
- Fitness training programs
- First Aid
- Health Promotion
- Employment in the recreation industry
- Coaching
- Young adult health

How will you be assessed?
- Practical: ongoing assessment in participation, sportsmanship and skill.
- Theory: one assessment piece per term.

EQUAL WEIGHTING IS GIVEN TO EACH SEMESTER UNIT.

What do your contributions cover?
Class equipment costs and consumable items.

Who to Contact?
Mr Banks (T Block Staffroom)
SENIOR STEM (non-OP)  

Who should study this Subject?

Senior STEM is designed for students who have an interest in the practical application of science, mathematics and technology. It is concerned with practical applications related to the technology industry, engineering materials, mechanics, and control systems. The course uses practical workshop and laboratory activities to demonstrate basic principles of science, mathematics and technology.

Senior STEM is a non-Authority Subject, and whilst it will not contribute towards the attainment of an OP it will contribute four credits towards a QCE, if studied over 4 semesters. It is suited to students who intend moving into technical training in electronics, telecommunications and electrical trades.

What are the prerequisites?

Students attempting this course should have a pass in Year 10 Science and Maths (C or better) as well as participation in Advanced STEM Science in Year 10, Semester 2. It is further recommended that students have studied STEM in Year 9.

What will you learn?

This is a course that helps students understand the concepts and principles of engineering in its broadest sense. The course of study is structured around problem solving in the application engineering design ideas that draws on basic scientific, mathematical and engineering knowledge, covered in four interrelated areas of study:

- Technology, industry and society — the interdependence that occurs among technology, industry and society
- Engineering materials — the nature of materials, their property-structure relationships, and the various mechanisms for modifying materials
- Engineering mechanics — the study of mechanics and associated practical applications
- Control systems — the study of control systems, the associated software, hardware and mechanisms, and the application of automated technologies in industry and society.

Technology contexts provide a real-world focus for coverage of the selected subject matter. Possible contexts include agriculture, aerospace (aviation), appropriate technology (simple technologies), communication, construction, energy, manufacturing, mining, sustainability and transportation.

How will you be assessed?

Students will be given the opportunity to display achievement of the course objectives through a variety of assessment instruments, including Projects, supervised theory and practical exams and multi-media presentations. Participation in Regional and National competitions will be offered as part of this course.

What do your contributions cover?

Consumable parts and materials, hardware, kits, additional information booklets, work sheets, handouts, resource books, competition entries and transport, DVDs.

Subject Levy

A Subject Levy of $75 per semester applies to this course to cover costs associated with Extended Experimental Investigations.

Other Information

If students numbers are insufficient to form a class, this subject may be offered as a combined 11/12 class.

Who to Contact?

Mrs Bekker (J Staffroom)
HOD Science, Agriculture and Marine
Who should study this Subject?

Visual Arts In Practice ("Practical Art") – is for those whose interest in art is for personal development and the enjoyment of a wide range of creative Art, Craft and Design activities. This subject is also for those who wish to maximize their range of skills with an eye to future employment prospects and can be a second art subject to compliment the more complex and in-depth Visual Art, OP subject.

Visual Arts In Practice is an Authority-Registered Subject in the Creative Arts S.A.S. - Strand I. (SAS = Study Area Specification)

What are the prerequisites? There are no prerequisites but it is highly recommended to have studied art previously for at least two semesters.

What will you learn?

Visual Arts In Practice ("Practical Art") focuses more on craft and design rather than on fine art. Imaginative design approaches and the skillful making of pieces will be developed, as they relate to real life work situations.

Integrated into the course of study are occasions to investigate Industry Opportunities and “At Work” Requirements (for example Workplace Health and Safety) and the community involvement in the visual arts and crafts.

In the two year course a range of areas will be covered – each term has a unit theme:

Yr 11 – Murals; Fibre & Textiles; Pottery; Papercraft
Yr 12 – Wearable Art; Commercial Art; Crafty Painting; Revamp Restore

Units of design and work may possibly include in pottery, jewellery making, mixed media work, book-binding or card making, painting, lino or screen printing, tie-dyeing, mosaics, murals and so on.

How will you be assessed?

Assessment in PRACTICAL ART – Visual Arts In Practice is based on a folio. A folio is a collection of work and may include a finished item, developmental sketches and recorded information relating to technical skills, Work Place Health & Safety, visual art practitioners and career information. Each folio of work can represent from 3 to 6 weeks of class and homework. Also included in the course are project and written tasks relating to art making and art practice.

What do your contributions cover and other information?

Basic art equipment and materials needed to complete the set tasks are provided, as well as access to class sets of art textbooks and Library resources.

NOT covered by Contributions - as listed on "Subject Resource List":

- Pencil Case – with pencils, colour pencils, pens, eraser & with glue, scissors, ruler
  - Drawing pencils (1 x 2B, 1 x 4B, 1 x 6B); 1 x Soft plastic eraser

- 1 x “Visual Diary”, A4 60 sheets black cover (will last the whole year);
  1 x Number 3 Brush (good quality, rounded or pointed, imitation sable, short handle)

- Students may wish to purchase their own additional materials to further individualise their work
  - EG. a framed canvas (approx $12.50).

- Each student will need to fund one (1) excursion to art galleries and craft venues in the local and regional area
  - (Approx $30)

Who to Contact?

Art Teachers in C & A Block Staffrooms
HOD – in A Block Staffroom
WHAT IS VET?

VET stands for vocational education and training. The key words are vocational and training – this means the job related practical skills with the underpinning knowledge for those skills.
In essence it is the practical work related skills students need to get a job.
VET is offered through a variety of Senior Subjects, which are listed in this booklet.

Through VET, students will be provided with opportunities to achieve the following outcomes:

- Link off-job learning at school to on-job training in the workplace.
- Establish pathways to qualifications nationally recognised by Industry, Education and Vocational Training Authorities.
- Receive training in areas that have recognised and valued outcomes.
- Be involved in learning, which is relevant to individuals and their aspirations.
- Enhance career and employment opportunities by maximising post-school further education, training and employment pathways.
- Be prepared for the world of work.
- Gain skills to contribute to the future skills base of Queenslanders and thus enhance the competitiveness of Queensland business and industry.
- Be able to interact with people outside the school.
- Gain a QTAC entrance rank, important for extended training including TAFE.
- Have VET results recorded on Queensland Certificate of Education and an industry specific vocational Certificate or Statement of Attainment for an incomplete qualification.
- Take part in competency based training and assessment.

COMPETENCY BASED ASSESSMENT

Assessment for the VET components of your course will be competency-based.
What does it mean to be competent? People are considered to be competent when they are able to apply their knowledge and skills to successfully complete work activities in a range of situations and environments, in accordance with the standard of performance expected in the work place.
Students will be given either written and/or oral feedback regarding all assessment items relating to units of competency.

COURSE INFORMATION

Your VET teacher will provide you with full information about the individual VET subject you have chosen to undertake, including entry requirements, an overview of the specific units of competency/modules, learning experiences, assessment, fees, career pathways, work placement/industry experience, etc.

PLEASE NOTE:
Students choosing to enter a 2 year Certificate II VET subject after the course of study has commenced (eg a Year 12 student entering a course started in the previous year), will be enrolled in a Certificate I course to give the student every opportunity to complete the VET qualification.

UNIQUE STUDENT IDENTIFIER (USI)

If you are studying VET at this school from 1 January 2015, you will be required to have a Unique Student Identifier (USI).
You will be supplied with details on how to create your own USI and which Staff in the school to give your number to for the school records and to ensure safe record keeping.
NB: If you do not supply the school with a correct USI number, you cannot be issued Certificates or Statements and therefore cannot bank QCE points for the VET qualification.
RECOGNITION OF PRIOR LEARNING (RPL)

When you commence a VET programme, you may think there are some units of competency or parts of modules you can already do and believe you would be competent at. You are able to apply for what is called ‘Recognition of Prior Learning (RPL)’ for those specific units of competency or modules. If you do, you will need to provide evidence that you can in fact already do these particular tasks.

See your VET teacher, Staff in the Senior Service Centre, for more information and for copies of the RPL application form.

CREDIT TRANSFER

If you already have a Statement of Attainment or Certificate from another Registered Training Organisation for any units of competency which are the same as those in any of the school’s VET programmes, you can be awarded automatic recognition by means of a Credit Transfer.

To receive a Credit Transfer, you need to collect these documents and present them to Senior Data Staff in the Senior Service Centre. Your document/s will be copied and placed in your file and the original documents returned to you. A Credit Transfer will then be recorded.

COMPLAINTS AND APPEALS PROCEDURE

If you are unhappy about any aspect of your VET program such as:

- an administrative matter (for example: the non-issue of qualifications/statements within the prescribed timeline etc.)
- another person in the school (student or teacher)
- a complaint about the results of an assessment or the way the assessment was undertaken

You can access the School’s Procedures on Complaints and Appeals through your VET teacher or the RTO Manager. You have 12 months after the completion of your course to lodge a complaint.

ACCESS AND EQUITY

Gympie State High School attempts to meet the needs of all students, through the integration of access and equity guidelines. There shall be equal opportunities for students to participate in the vocational education and training system at Gympie State High School. In particular:

- A variety of training/assessment methods will be used to cater for the different ways in which students learn. Students will be provided with assistance on an individual basis as needed. If you feel that you need assistance, you should speak to your VET teacher.
- Gympie State High School will openly value all students, irrespective of background/culture/other differences and all students will be made to feel valued through the delivery of appropriate training/assessment methods and support structures.
- All students will be actively encouraged to choose and participate in VET programs irrespective of background/cultural differences.
- Literacy/numeracy is integrated throughout all VET programs.
- Learning Support is available for those students identified with specific needs to assist with the completion of the course. This support could be requested by a VET teacher or student. Support can be provided by the LPP (Learning Pathways Program), Indigenous Support, VET teachers, Heads of Department.
- Any complaints/grievances in relation to discrimination/harassment will be treated seriously, in line with the school’s Complaints and Appeals Policy.
FEES AND REFUNDS

Where fees are collected for consumable aspects for participation in programs, money is contained in a school account, enabling refunds to be made as required.

If a student requests a refund before the beginning of the service related to the fee, the school shall retain an administrative fee and return the remainder to the student.
If a student requests a refund after the beginning of the service related to the fee, the school shall retain an administrative fee and return a pro rata amount of the fee to the student.

When exiting a VET course, students who have completed any competencies will be issued either a Certificate, if all of the competencies in the qualification are completed, or a Statement of Attainment, if some of the competencies in the qualification are completed. This will be issued within 30 days.

If a Certificate or Statement is lost, you can request a reprint. This will cost $7.50 for each Statement or Certificate. Payment has to be made at the payment window and a receipt will be issued to you. Once the payment is made, bring your receipt to the Senior Service Centre and the Certificate will be reprinted for you.

Students can attend VET classes but will not be enrolled in VET Courses until all school fees have been paid or an appropriate payment plan entered into. Certificates and Statements of Attainment will not be issued if any fees are outstanding.

VET SUBJECTS OFFERED FOR 2017

The information presented on VET subjects to be offered in 2017 is correct at the time of publication – March 2016.
CERTIFICATE I IN ENGINEERING  (MEM10105)
CERTIFICATE I IN MANUFACTURING PATHWAYS  (MSM102016)
CERTIFICATE II IN ENGINEERING PATHWAYS  (MEM20413)

**QCE – Preparatory (Certificate I in Engineering = 3 credits)**

**QCE – Preparatory (Completed Certificate I in Manufacturing Pathways = 3 credits)**

**QCE – Core (Completed Certificate II in Engineering Pathways = 4 credits)**

<table>
<thead>
<tr>
<th>Subject Type</th>
<th>VET Qualification</th>
<th>Duration</th>
<th>2 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification Description: The subject consists of core and elective competencies which are gained through an industry standard completion of various projects. To be eligible for a Certificate I in Engineering (MEM10105), students must successfully complete all core units, and sufficient elective units to gain 24 points. Certificate I Manufacturing (Pathways) &amp; Certificate II Engineering Pathways requires completion of all listed competencies.</td>
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<tr>
<td>Entry Requirements: There are no entry requirements but a study of Industrial Technology A/Industrial Technology B in year 9 and 10 is highly recommended.</td>
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</tr>
<tr>
<td>Qualification Packaging Rules: Certificate I Manufacturing (Pathways) Total Units = 9 (3 core units + 6 elective units) Engineering Total Units = 4 core units + 24 elective unit points Certificate II Engineering Pathways Total Units = 12 (4 core units + 8 elective units) The course is designed so that Certificate I in Manufacturing Pathways should be completed by the end of Year 11.</td>
<td></td>
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</tr>
<tr>
<td>Core Units: MEM10105 – Certificate I in Engineering MEM13014A Apply principles of occupational health and safety in the work environment MEM14004A Plan to undertake a routine task MEM15024A Apply quality procedures MEM16007A Work with others in a manufacturing, engineering or related environment Students are concurrently enrolled in Certificate I in Manufacturing Pathways and Certificate II in Engineering Pathways with the competencies listed below. MSM10216 – Certificate I in Manufacturing (Pathways) MSMPCI1101 Adapt to work in industry MSMPCI1102 Apply effective work practices MSMPCI1103 Demonstrate care and apply safe practices at work MEM20413 – Certificate II in Engineering Pathways MEM13014A Apply principles of occupational health and safety in the work environment MEMPE005A Develop a career plan for the engineering and manufacturing industry MEMPE006A Undertake a basic engineering project MSAENV272B Participate in environmentally sustainable work practices</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Elective Units Selected by Gympie State High School: MEM10105 – Certificate I in Engineering MEM05004C Perform routine oxy acetylene welding MEM05005B Carry out mechanical cutting MEM05006C Perform brazing and / or silver soldering MEM05007C Perform manual heating and thermal cutting MEM05012C Perform routine manual metal arc welding MEM07032B Use workshop machines for basic operations MEM11011B Undertake manual handling MEM12023A Perform engineering measurements MEM12024A Perform computations MEM16008A Interact with computing technology MEM18001C Use hand tools MEM18002B Use power tools / hand-held operations</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MSM10216 – Certificate I in Manufacturing (Pathways)
MEM03001B Perform manual production assembly
MEM07032B Use workshop machines for basic operations
MEM12024A Perform computations
MEM18001C Use hand tools
MEM18002B Use power tools / hand held operations
MSMPCII298 Make an object from metal

MEM20413 – Certificate II in Engineering Pathways
MEM16006A Organise and communicate information
MEM16008A Interact with computing technology
MEM18001C Use hand tools
MEM18002B Use power tools / hand held operations
MEMPE001A Use engineering workshop machines
MEMPE002A Use electric welding machines
MEMPE003A Use ox-acetylene and soldering equipment
MEMPE004A Use fabricating equipment
MSAPMSUP106A Work in a team (Elective from Group B)

Learning Experiences: This subject offers students the opportunity for learning experiences in a range of engineering industries in a project based environment.
The subject is recommended for students who wish to acquire the competencies required to prepare them for future employment in a trade specific industry.

Assessment: Assessment is competency based, and assessment techniques used include: practical work, objective and short answer tests, oral questioning and teacher observation.
Assessment of the units of competency is by the process of collecting evidence and making judgments on whether or not the student can consistently demonstrate and apply knowledge and skill to the standard of performance required in the workplace.

Pathways: This course will introduce you to the engineering trade areas of Fitting & Machining, Boilermaker, Sheetmetal worker and many other engineering fields. It will provide you with basic skills to operate tools, machinery and equipment to produce and modify objects.

Contributions: Due to the cost of student project materials such as steel, hardware items, and welding rods, there is a subject charge associated with this course. The estimated subject charge for 2017 is $140 and includes a personal set of safety glasses and hearing protection that need to be worn in the workshop. It should be paid by the end of Term 1, 2017, otherwise students could be required to select another subject unless a payment plan can be negotiated with the school's Business Services Manager.

Other Information: Some competencies are best delivered in a workplace environment, therefore it is strongly recommended that students participate in a minimum of 10 days per year in the Structured Workplace Learning program operating in the school.
For information regarding support services and other general VET information, students will be provided with access to a Student VET Handbook prior to beginning the course.

Service Agreement: This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided.
Students successfully achieving all qualification requirements will be provided with a qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment.
Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment or possibly a Certificate I instead of a Certificate II.
This information is correct at time of publication but subject to change.

Contact Details: Mr Lawson (HOD Industrial Technology and Design), Mr Grosse or Mr Easton for further information.
CERTIFICATE I IN CONSTRUCTION (CPC10111)

QCE – Preparatory (Certificate I in Construction = 3 credits)

<table>
<thead>
<tr>
<th>Subject Type</th>
<th>VET Qualification</th>
<th>Duration</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification Description:</td>
<td>This course is in the Junior Curriculum and will be delivered one day per week over a 12 month period for Year 10 students. To achieve a Certificate I in Construction 11 competencies must be completed. The competencies are made up of 8 Core Units and 3 Elective Units. The competencies in this course will be delivered in the context of the construction industry.</td>
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</tr>
<tr>
<td>Entry Requirements:</td>
<td>There are no entry requirements but a study of Industrial Technology A/Industrial Technology B in year 9 and 10 is highly recommended</td>
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</tr>
<tr>
<td>Qualification Packaging Rules:</td>
<td>Certificate packaging rules including: 11 competencies to obtain the qualification 8 core and 3 electives Up to 3 electives come from the training package 1 elective unit to be taken from Certificate I or Certificate II in CPC08, provided it is linked to construction industry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core units:</td>
<td>CPCCCM1012A Work effectively and sustainably in the construction industry CPCCCM1013A Plan and organise work CPCCCM1014A Conduct workplace communication CPCCCM2001A Read and interpret plans and specifications CPCCCM2005B Use construction tools and equipment CPCCWHS1001 Prepare to work safely in the construction industry CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry CPCCVE1011A Undertake a basic construction project</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective Units Selected by Gympie State High School:</td>
<td>The following units of competency are able to be delivered at the Gympie Trade Training Centre, some in partnership with an outside provider: CPCCCM1015A Carry out measurements and calculations CPCCCM2004A Handle construction materials CPCCCM2006B Apply basic levelling procedures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Learning Experiences:</td>
<td>A range of teaching and learning strategies will be used to deliver the competencies.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assessment:</td>
<td>Assessment is competency based. Students will demonstrate competency by successfully performing practical tasks, being observed completing the practical tasks, and completing booklet/s in the context of the construction industry. At the end of the course, students who successfully completed the 11 units of competency will receive a Certificate I in Construction. Students who do not complete all the Units of Competency and therefore do not qualify for the full Certificate will receive Statement of Attainment for Certificate I in Construction listing the competencies achieved. Achievement of this Certificate does not directly contribute to a student's OP. It will however contribute 3 points towards the students Queensland Certificate of Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pathways:</td>
<td>This course will introduce you to the Construction industry and deal with the trade areas of Carpentry, Concreting and Bricklaying. It will provide you with basic skills to operate tools, machinery and equipment relevant to the industry. It should be noted that the knowledge and skills gained during the completion of this qualification will also have applications outside the construction industries</td>
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<tr>
<td>Contributions:</td>
<td>There is a $170.00 material cost fee for this subject.</td>
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<tr>
<td>Other Information:</td>
<td>All projects completed by students have a Workplace Health and Safety component embedded in them to the appropriate standard for a Certificate I course. For information regarding support services and other general VET information, students will be provided with access to a Student VET Handbook prior to beginning the course.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service agreement:</td>
<td>This is a one-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided. Students successfully achieving all qualification requirements will be provided with a qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment. Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment or possibly a Certificate I instead of a Certificate II. This information is correct at time of publication but subject to change.</td>
<td></td>
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</tr>
<tr>
<td>Contact Details:</td>
<td>Mr Lawson (HOD - Industrial Technology and Design), or Mr Conder for further information.</td>
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</tr>
</tbody>
</table>
## Subject Type

<table>
<thead>
<tr>
<th>VET Qualification</th>
<th>Duration</th>
<th>2 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Qualification Description:</strong></td>
<td>Certificate I in Furnishing</td>
<td>Expected completion end of Year 11</td>
</tr>
<tr>
<td></td>
<td>Certificate II in Furniture Making</td>
<td>Year 12 only</td>
</tr>
</tbody>
</table>

## Entry Requirements:

There are no entry requirements but a study of Industrial Technology A/Industrial Technology B in year 9 and 10 is highly recommended.

## Qualification Packaging Rules:

| Certificate I | Total Units = 8 (5 core units + 3 elective units) |
| Certificate II | Total Units = 13 (5 core units + 8 elective units) |

### Core Units:

<table>
<thead>
<tr>
<th>MSF10113 Certificate I in Furnishing</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSMENV272</td>
</tr>
<tr>
<td>MSMWH5100</td>
</tr>
<tr>
<td>MSMOPS101</td>
</tr>
<tr>
<td>MSMSUP102</td>
</tr>
<tr>
<td>MSMSUP106</td>
</tr>
<tr>
<td>MSF20313 Certificate II in Furniture Making</td>
</tr>
<tr>
<td>MSMENV272</td>
</tr>
<tr>
<td>MSMSUP102</td>
</tr>
<tr>
<td>MSMSUP106</td>
</tr>
<tr>
<td>MSFFM2001</td>
</tr>
<tr>
<td>MSFFN2001</td>
</tr>
</tbody>
</table>

### Elective Units Selected by Gympie State High School:

<table>
<thead>
<tr>
<th>MSF10113 Certificate I in Furnishing</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSFFM1001</td>
</tr>
<tr>
<td>MSFFM2001</td>
</tr>
<tr>
<td>MSFFM2010</td>
</tr>
</tbody>
</table>

**Students enrolled in CUA20215 Certificate II in Creative Industries may receive Credit Transfers for the following Units:**

| BSBDES201 | Follow a design process |
| BSBDES202 | Evaluate the nature of design in a specific industry context |

<table>
<thead>
<tr>
<th>MSF20313 Certificate II in Furniture Making</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSWH5100</td>
</tr>
<tr>
<td>MEM16008A</td>
</tr>
<tr>
<td>MSMSUP273</td>
</tr>
<tr>
<td>MSFFM2002</td>
</tr>
<tr>
<td>MSFFM2005</td>
</tr>
<tr>
<td>MSFFM2006</td>
</tr>
<tr>
<td>MSFFM2010</td>
</tr>
<tr>
<td>MSS402051A</td>
</tr>
</tbody>
</table>

### Learning Experiences:

This subject offers students the opportunity for learning experiences in the Furnishing industry in a project based environment. The subject is recommended for students who wish to acquire the competencies required to prepare them for future employment in a trade specific industry.
**Assessment:**
Assessment is competency based, and assessment techniques used include: practical work, objective and short answer tests, oral questioning and teacher observation.
Assessment of the units of competency is by the process of collecting evidence and making judgments on whether or not the student can consistently demonstrate and apply knowledge and skill to the standard of performance required in the workplace.

**Pathways:**
This course will introduce you to the Furnishing trade areas of Furniture Making and Cabinet Making. It will provide you with basic skills to operate tools, machinery and equipment to produce and modify objects.

**Contributions:**
Due to the cost of student project materials such as timber and hardware items, there is a subject charge associated with this course. The estimated subject charge for 2017 is $140 and includes a personal set of safety glasses and hearing protection that need to be worn in the workshop. It should be paid by the end of Term 1, 2017, otherwise students could be required to select another subject unless a payment plan can be negotiated with the school's Business Services Manager.

**Other Information:**
Some competencies are best delivered in a workplace environment, therefore it is **strongly recommended that students participate in a minimum of 10 days per year** in the Structured Workplace Learning program operating in the school.
For information regarding support services and other general VET information, students will be provided with access to a Student VET Handbook prior to beginning the course.

**Service Agreement:**
This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided.
Students successfully achieving all qualification requirements will be provided with a qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment.
Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment or possibly a Certificate I instead of a Certificate II.
This information is correct at time of publication but subject to change.

**Contact Details:**
Mr Lawson (HOD - Industrial Technology and Design), Mr Petersen or Mr Easton for further information.
<table>
<thead>
<tr>
<th>Subject Type</th>
<th>VET Qualification</th>
<th>Duration</th>
<th>2 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification Description:</td>
<td>Business activity is a feature of everyone’s life! Students wishing to find employment in the clerical field would benefit from this subject. Possible job titles relevant to these qualifications include: Administration Assistant; Clerical Worker; Data Entry Operator; Information Desk Clerk; Office Junior; Receptionist. This subject will unquestionably suit students who are interested in obtaining a vocational qualification in business or are considering a career in business or management.</td>
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<tr>
<td>Entry Requirements:</td>
<td>There are no entry requirements for BSB20115 Certificate II in Business.</td>
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<tr>
<td>Qualification Packaging Rules:</td>
<td>Certificate II Total Units = 12 (1 core units + 11 elective units)</td>
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<td></td>
</tr>
</tbody>
</table>
| Core Units: | BSB20115 Certificate II in Business  
BSBWHS201 Contribute to health and safety of self and others |          |         |
| Elective Units Selected by Gympie State High School: | BSB20115 Certificate II in Business  
BSBADM101 Use business equipment and resources  
BSBIND201 Work effectively in a business environment  
BSBWOR202 Organise and complete daily work activities  
BSBCMM201 Communicate in the workplace  
BSBWOR204 Use business technology  
BSBITU203 Communicate electronically  
BSBINM201 Process and maintain workplace information  
BSBITU102 Develop keyboard skills  
BSBITU201 Produce simple word processed documents  
BSBCUS201 Deliver a service to customers  
BSBSUS201 Participate in environmentally sustainable work practices |          |         |
| Students enrolled in SIT10216 Certificate I in Hospitality may receive Credit Transfer for the following Unit: | BSBWOR203 Work effectively with others |          |         |
| Learning Experiences: | You will learn the basics of business, including how to perform a range of administrative workplace tasks. You will develop employability skills in the areas of: communication; teamwork; problem-solving; initiative and enterprise; planning and organising; self management; learning; and technology. The 12 units of competency are delivered in a simulated work environment, within a variety of topics/themes, including:  
- Smart Moves (safety & sustainability)  
- Gympie Gold (production of annual school magazine)  
- Travel  
- Records Management | | |
| Assessment: | Assessment is competency based. A variety of assessment techniques will be used including portfolios/projects, practical demonstrations/teacher observations and questioning. | | |
| Pathways: | Graduates at this level will have knowledge and skills for initial work, community involvement and/or further learning. Possible pathways include: BSB20115 Certificate II in Business. Graduates at this level will have knowledge and skills for work in a defined context and/or further learning. Students wishing to find employment in the | | |
**Business/Administration Field**

- Possible job titles include: Administration assistant, clerical worker, data entry operator, information desk clerk, office junior, receptionist.
- Possible learning pathways include: Certificate III in Business Administration (International Education, Education, Legal or Medical).

**Contributions:**

- Contributions will cover the Business Services Training Package; use of computers and related hardware and software, use of a large range of reference books; use and maintenance of a range of business equipment.

**Other Information:**

- Students who enrolled in BSB10115 Certificate I in Business in Year 10 and did not complete the qualification may have the opportunity to complete the qualification in Years 11 and 12.
- This subject can contribute a total of **4 QCE credits** and **can be studied in conjunction** with Business Communication and Technologies (BCT) as QCE credits can be claimed from each subject.
- For information regarding support services and other general VET information, students will be provided with access to a Student VET Handbook prior to beginning the course.

**Service Agreement:**

- This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided.
- Students successfully achieving all qualification requirements will be provided with a qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment.
- Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment or possibly a Certificate I instead of a Certificate II.
- This information is correct at time of publication but subject to change.

**Contact Details:**

- Mrs Radecker, Mrs O'Keeffe, Ms Booth for further information.
CERTIFICATE I IN HOSPITALITY (SIT10216)  
CERTIFICATE II IN HOSPITALITY (SIT20316)

**QCE – Preparatory (Completed Certificate I in Hospitality = 2 credits)**  
**QCE – Core (Completed Certificate II in Hospitality = 4 credits)**

<table>
<thead>
<tr>
<th>Subject Type</th>
<th>VET Qualification</th>
<th>Duration</th>
<th>2 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification Description:</td>
<td>The Hospitality Industry is a vital and necessary part of everyday life. Certificate II in Hospitality has been designed to give students the opportunities to develop an appreciation and understanding of the importance of this industry and gain many new and valuable skills to enable them to investigate cookery and hospitality as a source of leisure activities and life skills or as an avenue for further study and a possible career.</td>
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</tr>
<tr>
<td>Entry Requirements:</td>
<td>There are no entry requirements for this qualification however an interest in food and cookery, being able to work in a team, wanting to be involved in a wide range of practical skills and participate in function work are important.</td>
<td></td>
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</tr>
</tbody>
</table>
| Qualification Packaging Rules: | Certificate I Total Units = 6 (3 core units + 3 elective units)  
Certificate II Total Units = 12 (6 core units + 6 elective units)  
The course is designed so Certificate I is delivered first in Year 11 followed by Certificate II in Year 12. |
| Core Units: | SIT10216 Certificate I in Hospitality  
BSBWOR203 Work effectively with others  
SITXCCS001 Provide customer information and assistance  
SITXWHS001 Participate in safe work practices  
SIT20316 Certificate II in Hospitality  
BSBWOR203 Work effectively with others  
SITHIND002 Source and use information on the hospitality industry  
SITHIND003 Use hospitality skills effectively  
SITXCCS003 Interact with customers  
SITXCOM002 Show social and cultural sensitivity  
SITXWHS001 Participate in safe work practices |
| Elective Units Selected by Gympie State High School: | The following units of competency are able to be delivered by Gympie SHS, some in partnership with an outside provider:  
SIT10216 Certificate I in Hospitality  
SITHCCC001 Use food preparation equipment  
SITHCCC002 Prepare and present simple dishes  
SITHCCC003 Prepare and present sandwiches  
SITHCCC004 Package prepared foodstuffs  
SITHCCC006 Prepare appetisers and salads  
SITHFAB002 Provide responsible service of alcohol  
SITHFAB005 Prepare and serve espresso coffee  
SITHFAB007 Serve food and beverage  
SITXCCS003 Interact with customers  
SITXFSA001 Use hygienic practices for food safety  
Students enrolled in BSB20115 Certificate II in Business may receive Credit Transfer for the following Unit:  
BSBWOR202 Organise and complete daily work activities |
SIT20316 Certificate II in Hospitality
SITHCC001 Use food preparation equipment
SITHCC002 Prepare and present simple dishes
SITHCC003 Prepare and present sandwiches
SITHCC004 Package prepared foodstuffs
SITHCC006 Prepare appetisers and salads
SITHFAB001 Provide responsible service of alcohol
SITHFAB004 Prepare and serve non-alcoholic beverages
SITHFAB005 Prepare and serve espresso coffee
SITHFAB007 Serve food and beverage
SITXFSA001 Use hygienic practices for food safety

Students enrolled in BSB20115 Certificate II in Business may receive Credit Transfers for the following Units:
BSBCM201 Communicate in the workplace
BSBITU201 Produce simple word processed documents
BSBSUS201 Participate in environmentally sustainable work practices

Learning Experiences:
A range of teaching and learning strategies will be used to deliver the competencies. Students will be exposed to a wide range of learning experiences from the broad areas of food selection, storage, preparation, presentation and service in a safe and hygienic manner. Function planning and preparation will be an integral part to develop industry standard skills. Specialist cookery will enable students to show their creativity.

The focus of the subject can be either Front of House or Back of House depending on the needs and interests of the students in the class.

Assessment:
Assessment is competency based - observation of practical cookery with checklists, projects/folios, knowledge checked through written exams, evaluation of function work and reports from workplace supervisors/external providers are some of the techniques that will be used to gather evidence and enable judgements to be made. Photographic evidence will be taken of all activities.

Pathways:
Pathways into the qualification
Individuals may enter SIT20213 Certificate II in Hospitality with limited or no vocational experience and without a relevant lower level qualification.

Pathways from the qualification
After achieving SIT20213 Certificate II in Hospitality, individuals could progress to a wide range of other qualifications in the hospitality and broader service industries.

Job roles
This qualification provides a pathway to work in various hospitality settings, such as restaurants, hotels, motels, catering operations, clubs, pubs, cafes and coffee shops.

Possible job titles include:
- bar attendant
- bottle shop attendant
- café attendant
- catering assistant
- food and beverage attendant

Contributions:
There is a $50 material cost fee for this subject.

Other Information:
It is a core requirement that students participate in 12 functions over the 2 year course. A logbook will document these functions. Some of these may be school functions but an appropriate amount must be industry based and will require evening and weekend work. A set of "black and white" or "black and black" uniform will need to be bought.
As this is a practical-oriented course, the onus is on the students to supply their own ingredients for cookery. A high standard of safety and hygiene also applies for this subject. Students are required to wear solid top footwear for all practical lessons.

For information regarding support services and other general VET information, students will be provided with access to a Student VET Handbook prior to beginning the course.

| Service Agreement: | This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided. Students successfully achieving all qualification requirements will be provided with a qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment. Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment or possibly a Certificate I instead of a Certificate II. This information is correct at time of publication but subject to change. |
| Contact Details: | Miss Keillor (HOD - Home Economics/Hospitality), Ms Collins, Ms Davidson or Mr Roberts for further information. |
## Subject Type

<table>
<thead>
<tr>
<th>VET Qualification</th>
<th>Duration</th>
<th>2 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Certificate I in Information, Digital Media &amp; Technology (ICT10115)</strong></td>
<td></td>
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</tr>
<tr>
<td><strong>Certificate II in Information, Digital Media &amp; Technology (ICT20115)</strong></td>
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</tbody>
</table>

### Qualification Description:
This subject is suitable for any student. You don’t have to be a “Computer Geek” to enjoy and complete the Certificate II in Information, Digital Media and Technology. You will learn a variety of life skills which are applicable to many future careers which involve the use of computers.

### Entry Requirements:
There are no entry requirements. It is desirable but not essential for you to have completed the Cert I in IDMT.

### Qualification Packaging Rules:
- Certificate I: Total Units = 6 (4 core units + 2 elective units)
- Certificate II: Total Units = 14 (7 core units + 7 elective units)

The course is designed so Certificate I is delivered first in Year 11 followed by Certificate II in Year 12.

### Core Units:
- **ICT10115 Certificate I in Information, Digital Media and Technology**
  - ICTICT101: Operate a personal computer
  - ICTICT102: Operate word-processing applications
  - ICTICT103: Use, communicate and search securely on the internet
  - ICTICT104: Use digital devices

- **ICT20115 Certificate II in Information, Digital Media and Technology**
  - BSBWHS201: Contribute to health and safety of self and others
  - BSBWHS202: Participate in environmentally sustainable work practices
  - ICTICT201: Use computer operating systems and hardware
  - ICTICT202: Work and communicate effectively in an ICT environment
  - ICTICT203: Operate application software packages
  - ICTICT204: Operate a digital media technology package
  - ICTWEB201: Use social media tools for collaboration and engagement

### Elective Units Selected by Gympie State High School:
- **ICT10115 Certificate I in Information, Digital Media and Technology**
  - ICTICT105: Operate spreadsheet applications
  - ICTICT106: Operate presentation packages

Students enrolled in BSB10115 Certificate I in Business may receive Credit Transfers for the following Units:
- BSBADM101: Use business equipment and resources
- BSBADM102: Use business equipment and resources

Students enrolled in BSB20115 Certificate II in Business may receive Credit Transfer for the following Unit:
- BSBADM101: Use business equipment and resources

- **ICT20115 Certificate II in Information, Digital Media and Technology**
  - CUFDIG303A: Produce and prepare photo images
  - CUFPOS201A: Perform basic vision and sound editing
  - CUFSOU204A: Perform basic sound editing
  - ICPDMT321: Capture a digital image
  - ICTICT205: Design basic organizational documents using computer packages
  - ICTICT211: Identify and use basic current industry specific technologies
  - ICTSAS201: Maintain inventories for equipment, software and documentation

Students enrolled in BSB10115 Certificate I in Business may receive Credit Transfers for the following Units:
- BSBWHS201: Contribute to health and safety of others
Students enrolled in BSB20115 Certificate II in Business may receive Credit Transfers for the following Units:
BSBCMM201 Communicate in the workplace
BSBCUS201 Deliver a service to customers
BSBIND201 Work effectively in a business environment
BSBITU201 Produce simple word processed documents
BSBITU203 Communicate electronically
BSBSUS201 Participate in environmentally sustainable work practices
BSBWHS201 Contribute to health and safety of self and others

Learning Experiences. A range of teaching and learning strategies will be used to deliver the competencies. Students will be exposed to a wide range of learning experiences:
- Using computer operating systems and hardware
- Operating application software packages, including digital media software (video editing software etc)
- Capturing a digital image, including producing and preparing photo images
- Performing basic vision and sound editing
- Maintaining inventories of computer equipment and software
- Using social media tools for collaboration and engagement.

Assessment: Assessment is competency based. Students will undertake 10 project based activities over years 11 and 12. These projects include:
- Creating a video documentary
- Creating music using a computer
- Designing and creating a beginners guide to buying a new computer
- Examining the sustainability of computer activities in a digital world.
Assessment of these projects can involve a variety of approaches including submission of electronic project work, teacher observation of student skills with a checklist, oral presentations, short writing tasks, practical tasks (eg folio presentations).

Pathways: Students may start the Certificate in IDMt at either Cert I or Cert II level, and it is not a requirement for students to have completed the Cert I before enrolling in the Cert II. Whilst completion of these certificates can lead to further tertiary study in Information Technology and a career specifically in the field of computing and networking, this qualification is something that a student will find beneficial in every career or occupation they may find themselves in. This is due to the all pervasive presence of computers in each and every area of the workforce.

Contributions: There is a $30 material cost fee for this subject. Contributions cover computer maintenance, Internet usage and related hardware and software licencing fees for software only in this course. Specifically it covers Sony Vegas HDMovie Studio, and Sony ACID Music Studio.

Other Information: For information regarding support services and other general VET information, students will be provided with access to a Student VET Handbook prior to beginning the course.

Service Agreement: This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided. Students successfully achieving all qualification requirements will be provided with a qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment. Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment or possibly a Certificate I instead of a Certificate II. This information is correct at time of publication but subject to change.

Contact Details: Mr Brady (HOD - ICT) Mr Hills, Mr Thorne for further information.
**CERTIFICATE II IN RURAL OPERATION (AHC21210)**

*QCE – Preparatory (Certificate II in Rural Operation = 4 credits)*

<table>
<thead>
<tr>
<th>Subject Type</th>
<th>VET Qualification</th>
<th>Duration</th>
<th>2 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification Description:</td>
<td>This practical subject is for students seeking a career in rural and associated service industries. The focus of this Certificate is Beef Cattle production. Successful completion of this course will provide students with a nationally recognised Certificate II in Rural Operation (AHC21210). The competencies achieved in this course will allow students to move into further training, rural traineeships or help with full time employment.</td>
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<tr>
<td>Entry Requirements:</td>
<td>There are no subject prerequisites for this course. However, an interest in the cattle husbandry and the rural sector, a willingness to get your hands dirty and to wear required PPE (a hat and sturdy non-slip shoes), and a commitment to completing the course are essential.</td>
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<tr>
<td>Qualification Packaging Rules:</td>
<td>Certificate II Total Units = 15 (2 core units + 13 elective units)</td>
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<tr>
<td>Core units:</td>
<td>AHC0HS201A Participate in OHS processes</td>
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<tr>
<td></td>
<td>AHCWRK209A Participate in environmentally sustainable work practices</td>
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<tr>
<td>Elective Units Selected by Gympie State High School:</td>
<td>The following units of competencies will be delivered:</td>
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<tr>
<td></td>
<td>AHCLSK205A Handle livestock using basic techniques</td>
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<td></td>
<td>AHCCHM201A Apply chemicals under supervision or</td>
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<td></td>
<td>AHCLSK301A Administer medication to livestock</td>
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<tr>
<td></td>
<td>AHCINF201A Carry out basic electric fencing operations or</td>
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<td></td>
<td>AHCINF302A Plan and construct an electric fence</td>
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<td></td>
<td>AHCINF202A Install, maintain and repair fencing or</td>
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<tr>
<td></td>
<td>AHCINF303A Plan and construct conventional fencing</td>
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<td></td>
<td>AHCLSK210A Muster and move livestock</td>
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<tr>
<td></td>
<td>AHCLSK206A Identify and mark livestock or</td>
<td></td>
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<tr>
<td></td>
<td>AHCLSK308A Identify and draft livestock</td>
<td></td>
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<td></td>
<td>AHCLSK207A Load and unload livestock</td>
<td></td>
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<tr>
<td></td>
<td>AHCLSK211A Provide feed for livestock or</td>
<td></td>
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<td></td>
<td>AHCLSK316A Prepare livestock for competition</td>
<td></td>
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<tr>
<td></td>
<td>AHCWOM202A Operate tractors or</td>
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<tr>
<td></td>
<td>AHCLSK212A Ride horses to carry out stock work</td>
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<tr>
<td></td>
<td>AHCPCM201A Recognise plants or</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>AHCLSK209A Monitor water supplies</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>AHCWRK205A Participate in workplace communications or</td>
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<td></td>
<td>AHCLSK312A Coordinate artificial insemination and fertility management of livestock</td>
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<tr>
<td></td>
<td>AHCWRK207A Collect and record production data</td>
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<td></td>
<td>HLTFA211A Provide basic emergency life support or</td>
<td></td>
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<tr>
<td></td>
<td>AHCWIO202A Follow site quarantine procedures</td>
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<tr>
<td>Learning Experiences:</td>
<td>A range of teaching and learning strategies will be used to deliver the competencies.</td>
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</tr>
<tr>
<td>Assessment:</td>
<td>Assessment is competency based, and assessment techniques used include: Short objective work sheets, oral questioning and instructor observation. All worksheets and learning material will be provided. Assessment of the units of competency is by the process of collecting evidence and making judgments on whether or not the student can consistently demonstrate and apply knowledge and skill to the standard</td>
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</tbody>
</table>
of performance required in the workplace.

Pathways:
Graduates may find themselves employed as Senior Farmhands or Station hands. Daily duties in these roles can include organising and coordinating other workers, farm management, coordinating Artificial Insemination and fertility management of livestock, pasture management, monitoring and implementing animal health and feeding programs and general farm work.
It is also a pathway to further education either at the College or University

Contributions:
A course fee of $75 a year if completed over years 11 & 12. This covers access to training resources and the awarding of the Certificate/Statement of Attainment.
Optional Training may be accessed (Costs below are approximate only based on 2016)
- Boonara Performance Horse camp
  - $120/camp
- External Camp Fee
  - $260/camp
The optional competency units may include:
- AHCLSK212A Ride horses to carry out stock work
- AHCLSK210A Muster and move livestock
- AHCLSK206A Identify and mark livestock
- AHCLSK209A Monitor water supplies

Other Information:
This Certificate course is offered through the Queensland Agricultural Training College (QATC).

Service agreement:
This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided.
Students successfully achieving all qualification requirements will be provided with a qualification and record of results from the QATC. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment from the QATC.
Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment.
This information is correct at time of publication but subject to change.

Contact Details:
Please contact Mrs Bekker (Head of Department) or Mr Leitch (Subject Area Coordinator) for further information.
CERTIFICATE IV IN DIGITAL AND INTERACTIVE GAMES (ICT40915)

QCE – Core (Completed = 7 credits each)

<table>
<thead>
<tr>
<th>Subject Type</th>
<th>VET Qualification</th>
<th>Duration</th>
<th>2 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification Description:</td>
<td>Students who have a keen interest in the use of interactive media, particularly computer games, and who would like to learn how this passion can be turned into a career option, should choose this subject. These courses expose students to the key concepts within the game development industry, particularly game design, 3D game art and game programming.</td>
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<tr>
<td>Entry Requirements:</td>
<td>Students need to have completed the Certificate II in Creative Industries (Media) prior to enrolling in the Cert IV in Digital and Interactive Games. Students will also need a relatively new computer at home to complete their project work.</td>
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<tr>
<td>Qualification Packaging Rules:</td>
<td>Certificate IV Total Units = 16 (4 core units + 12 elective units)</td>
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</tbody>
</table>

The elective units consist of:
- 5 units from one of the following specialist elective groups:
  - Group A Design
  - Group B Programming
  - Group C Art.

Of the remaining elective units:
- up to 7 may be from the specialist elective groups below or from Group D general elective units below or elsewhere in ICT Information and Communications Technology Training Package
- up to 3 may be from elsewhere in ICT Information and Communications Technology Training Package or from any other Training Package or accredited course at Certificate IV or Diploma level.

The elective units chosen must be relevant to the work outcome and meet local industry needs.

Core Units:
- ICT40915 Certificate IV in Digital and Interactive Games
- BSBWHS304 Participate effectively in WHS communication and consultation processes
- ICTGAM401 Produce an interactive game
- ICTICT418 Contribute to copyright, ethics and privacy in an ICT environment
- ICTICT419 Work effectively in the digital media industry

Elective Units Selected by Gympie State High School:
- ICT40915 Certificate IV in Digital and Interactive Games
- ICTGAM402 Identify and apply principles of games design and game playing
- ICTGAM403 Create design documents for interactive games
- ICTGAM405 Write story and content for digital games
- ICTPRG301 Apply introductory programming techniques
- ICTPRG405 Automate processes
- ICTPRG406 Apply introductory object-oriented language skills
- CUAANM301 Create 2D digital animations
- CUAANM302 Create 3D digital animations
- ICTGAM302 Design and apply simple textures to digital art
- ICTGAM409 Create 3-D characters for interactive games
- ICTGAM413 Design and create 3-D digital models
- ICTGAM414 Create audio for digital games
## Learning Experiences:
Students will develop a range of skills including game design, 3D modelling and game programming, all undertaken in integrated projects. Each of the projects will be delivered drawing from a combination of the four key areas relating to the Interactive entertainment industry. They are as follows.

**Theory:** The Computer Game Industry – the background, history and structure

**Skill Development:** Components of Game Development including Design, Programming and Art

**Practical Hands on Game Development:** Development of 2 complete games

## Assessment:
Assessment is based on a range of practical tasks. These projects must be submitted electronically.

**Year 11 - Units**
- 3D Game character modelling
- Game audio and soundtracks
- Game programming
- Game design and script writing

**Year 12 – Units**
- Collaborative Game Design
- Game Development: A complete game title
- Game Marketing / Game trailer
- Showreel Creation

## Pathways:
Opportunities exist for employment in the numerous game development companies located both locally in Brisbane and further a-field in Sydney, the ACT and Melbourne.
A vast array of jobs exist within the game development industry including Game designers, concept artists, graphical designers, animators, audio specialists, directors, project managers, programmers, quality control and assurance, sales and marketing, Character Artist, Environmental Artist, software engineers, Associate Producer 3D Texture Artist, level designers. Details and examples of these types of jobs can be seen by browsing the following website which advertises job vacancies in the industry. [http://jobs.gamasutra.com/](http://jobs.gamasutra.com/)

## Contributions:
There is a $150 material cost fee for this subject. This covers software licencing fees for software only used in this course. Specifically it covers Autodesk 3DStudio Max and Gamemaker Studio, Unity programming engine and Sony Vegas HDMovie Studio, and Sony ACID Music Studio.

## Other Information:
The complete Certificate IV course is offered over 2 years, starting in Year 11. Students undertake several large team based projects include 3D character modelling, audio soundtrack.
For information regarding support services and other general VET information, students will be provided with access to a Student VET Handbook prior to beginning the course.

## Service Agreement:
This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided.
Students successfully achieving all qualification requirements will be provided with a qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment.
Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment.
This information is correct at time of publication but subject to change.

## Contact Details
Mr Brady (HOD - ICT) for further information.
CERTIFICATE III IN FITNESS (SIS30313)

Delivered in partnership through Binnacle Training (RTO: 31319)

QCE – Core (Completed Certificate III in Fitness = 8 credits)

<table>
<thead>
<tr>
<th>Subject Type</th>
<th>VET Qualification</th>
<th>Duration</th>
<th>2 Years</th>
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</thead>
<tbody>
<tr>
<td>Qualification Description:</td>
<td>This qualification provides the skills and knowledge for a student to be competent in a range of activities and functions requiring autonomous work within a defined range of exercise instruction situations and activities. Qualification outcomes will depend on the elective grouping chosen and may include providing exercise instruction for group, aqua or gym programs. Work may be undertaken in locations such as gyms, fitness facilities, pools and community facilities.</td>
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<tr>
<td>Entry Requirements:</td>
<td>There are no subject prerequisites for this course. However, an interest in the sport, recreation and fitness sector, a willingness to be involved in fitness sessions at all times of the year; and a commitment to completing the course are essential.</td>
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<tr>
<td>Qualification Packaging Rules:</td>
<td>Certificate III Total Units = 15 (10 core units + 5 elective units)</td>
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<tr>
<td>Core Units:</td>
<td>SIS30313 Certificate III in Fitness</td>
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<td></td>
<td>HLTAID003 Provide first aid</td>
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<td></td>
<td>SISFFIT301A Provide fitness orientation and health screening</td>
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<td></td>
<td>SISFFIT302A Provide quality service in the fitness industry</td>
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<td></td>
<td>SISFFIT303A Develop and apply an awareness of specific populations to exercise delivery</td>
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<td></td>
<td>SISFFIT305A Apply anatomy and physiology principles in a fitness context</td>
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<td></td>
<td>SISFFIT306A Provide healthy eating information to clients in accordance with recommended guidelines</td>
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<td></td>
<td>SISXFAC207 Maintain sport, fitness and recreation equipment for activities</td>
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<td></td>
<td>SISXIND101A Work effectively in sport and recreation environments</td>
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<td></td>
<td>SISXOH5101A Follow occupational health and safety policies</td>
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<td></td>
<td>SISXRSK301A Undertake risk analysis of activities</td>
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<tr>
<td>Elective units Selected by the Training Provider:</td>
<td>SIS30313 Certificate III in Fitness</td>
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<td></td>
<td>Group C - Gym Instructor</td>
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<td></td>
<td>SISFFIT304A Instruct and monitor fitness programs</td>
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<td></td>
<td>SISFFIT307A Undertake client health assessment</td>
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<td></td>
<td>SISFFIT308A Plan and deliver gym programs</td>
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<td></td>
<td>General Electives Fitness</td>
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<td></td>
<td>SISFFIT311A Deliver approved community fitness programs</td>
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<td></td>
<td>SISSSPT303A Conduct basic warm-up and cool-down programs</td>
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<tr>
<td>Learning Experiences:</td>
<td>Students will be involved in practical and theoretical learning experiences which will often represent a simulated work environment which meets industry standards.</td>
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<tr>
<td>Assessment:</td>
<td>Binnacle Training uses an online Learning Management System which allows students to access the materials in their own time. Assessment for this course is competency based, and assessment techniques used include: online questioning, oral questioning and instructor observation. All assessment and learning material will be provided. Assessment of the units of competency is by the process of collecting evidence and making judgments on whether or not the student can consistently demonstrate and apply knowledge and skill to the standard of performance required in the workplace. Students who do not complete the Certificate will be issued with a Statement of Attainment for the competencies they have completed. In compliance with Binnacle Training students are required to be made to Binnacle for each term of the course.</td>
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</table>
**Pathways:**
This practical subject is for students seeking a career in the fitness and associated service industries. The competencies achieved in this course will allow students to move into further training or help with full time employment.

**Contributions:**
The total non-refundable cost over the course of 2 years is $380, which must be paid up by the end of Term 1 in Year 11. This covers Binnacle Training course fee, course materials, First Aid Certificate and excursions.

**Other Information:**
For information regarding support services and other general VET information, students will be provided with access to a Student VET Handbook prior to beginning the course.

**Service Agreement:**
This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided.

Students successfully achieving all qualification requirements will be provided with a qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment.

Students who enter a course after the course has commenced will complete a negotiated package of units which will lead to a statement of attainment.

This information is correct at time of publication but subject to change.

**Contact Details:**
Mr Oliver (HOD – Physical Education) or Binnacle on 1300 303 715 for further information.
LEARNING PARTNERSHIPS PROGRAMS

ALTERNATIVE PROGRAM - CAFE

Who should study this Subject?

Students who have been enrolled in Learning Partnerships Program in the Junior School or have a history of learning difficulties should consider these programs. Students who have an interest in the hospitality industry should consider taking part in this subject.

What will you learn?

A team project, the Café, is a program for senior Learning Partnerships students who are interested in learning valuable hospitality skills in a small business. Students will prepare coffee and small snacks for sale in an industrial kitchen at school. Workplace Health and Safety training, cooking, serving, use of kitchen equipment and communication in a team are important aspects of this program.

How will you be assessed?

Students will be assessed on how competent they are at meeting these basic work related virtues: punctuality, presentation, communication, friendliness, hygiene, safety, helpfulness, perseverance and responsibility.

What do your contributions cover?

Costs for this course cover occasional use of class sets/texts, stationary, photocopies, folders.

Other Information:

The Hospitality Industry accounts for a large proportion of the local work-force and students given the opportunity to learn in this environment may continue with further study or employment. Otherwise the everyday living skills gained in this context will be valuable for independent living in the future.

Who to contact?

Olive Brittain (LPP HOSES)
ALTERNATIVE PROGRAM – GARDEN

Who should study this Subject?
Students who have been enrolled in Learning Partnerships Program in the Junior School or have a history of learning difficulties should consider these programs. Students who have an interest in the hospitality industry should consider taking part in this subject.

What will you learn?
Students plan, build, propagate, nurture, harvest and protect a garden area at school. They learn about properties of location, weather, plant varieties, pest control and environmental concerns. Students can use the garden to carry out scientific studies as well as supply the LPP kitchen with products to use. The Garden Project is a great way of working together to build student relationships and a sense of responsibility and pride within the school.

How will you be assessed?
Students will be assessed on practical displays of work ethic, responsibility and team-work qualities. A folio of class tasks, planning notes/posters and power-point presentations will also form part of the assessment.

What do your contributions cover?
Costs for this course cover use of equipment, tools and protective items, some stationary supplies and packaging materials for dried herbs.

Other Information:
The garden location at the front of the school requires careful maintenance by the teachers. Students who have been involved in the process show a great sense of ownership and respect.

Who to contact?
Olive Brittain (LPP HOSES)
MY LIFE JOURNEY

Who should study this Subject?
Students who have been enrolled in Learning Partnerships Program in the Junior School or have a history of learning difficulties should consider these programs. Students who have an interest in the hospitality industry should consider taking part in this subject.

What will you learn?
As you move into your senior years at school you will be asking yourself questions about your future. Will you still be at home, studying, working, using your own transport, buying your own groceries and clothing, paying rent? These questions drive this program to transition you from school to post school. It can be a bit overwhelming thinking about it all, but this program will take you through some of those steps with the support that you may need to make those decisions.

How will you be assessed?
Students will be assessed on a folio of class tasks which may have some written responses, discussion or poster – type evidence of your work.

What do your contributions cover?
Costs for this course cover occasional use of class sets/texts, stationary, photocopies, folders.

Other Information:
This is a good time to talk about support providers in the community and provide students with the information/contacts they may need in the future.

Who to contact?
Olive Brittain (LPP HOSES)
PRACTICAL ENGLISH

Who should study this Subject?
Students who have been enrolled in Learning Partnerships Program in the Junior School or have a history of learning difficulties should consider these programs. Students who have an interest in the hospitality industry should consider taking part in this subject.

What will you learn?
Students who have a history of difficulty with literacy or who have been enrolled in junior practical English classes, may be enrolled in this practical subject after discussions with teachers, HOSES and parents. The focus is on decoding, comprehension, reading, writing and developing language skills for everyday living.

This subject may contribute towards a QCIA, Queensland Certificate of Individual Achievement.

How will you be assessed?
Students will be assessed at their level of literacy and will be coached in a variety of skills such as: filling in forms, reading and following written instructions, making enquiries, phone messaging, navigating websites, making applications, speaking in a group, writing short responses and sequences. This will form a folio for assessment.

What do your contributions cover?
The resources provided in this class are mainly the maintenance and extension of class sets of texts, photocopying paper, boxed games and hands on materials and resources.

Other Information:
Employers expect their employees to be able to communicate by speaking and writing and be able to listen to or read directions.

Who to contact?
Olive Brittain (LPP HOSES)
PRACTICAL MATHEMATICS

Who should study this Subject?

Students who have been enrolled in Learning Partnerships Program in the Junior School or have a history of learning difficulties should consider these programs. Students who have an interest in the hospitality industry should consider taking part in this subject.

What will you learn?

This subject is for students who may not qualify for Prevocational Maths due to numeracy difficulties. The focus is on everyday living skills Maths problems as well as enhancing basic mathematical skills to improve confidence in using number and measurement and money. Every opportunity to engage learning with the use of concrete examples and visuals is explored.

How will you be assessed?

Students will be assessed at their own numeracy level using a series of graded tests and practical assignments. Some of these will be on-line.

What do your contributions cover?

Costs for this course cover occasional use of class sets/texts, stationary, photocopies, folders, boxed maths games and hands on materials.

Other Information:

A basic knowledge of Maths is required for everyday living experiences such as cooking, making items from patterns, measurements for painting or tiling, grocery shopping, spending, saving and budgeting, car maintenance and calculating distances and times, to name just a few!

Who to contact?

Olive Brittain (LPP HOSES)
WORKPLACE PRACTICES

Who should study this Subject?
Students who have been enrolled in Learning Partnerships Program in the Junior School or have a history of learning difficulties should consider these programs. Students who have an interest in the hospitality industry should consider taking part in this subject.

What will you learn?
Students who are preparing for work will be given work experience opportunities which may lead to school-based traineeships or employment. Students will learn how to prepare for work experience or work placements, how to write resumes and speak clearly with confidence, attend job expos and learn how and where to look for employment.

Eligible students will also be introduced to Jobmatch who mentor individuals who have learning difficulties in work readiness skills.

Students also gain knowledge of their rights and responsibilities in the workplace.

How will you be assessed?
Students will be assessed on how competent they are at school and in the workplace in meeting these basic work related virtues: punctuality, presentation, communication, friendliness, helpfulness, perseverance and responsibility.

What do your contributions cover?
Costs for this course cover occasional use of class sets/texts, stationary, photocopies, folders.

Other Information:
Employers are more interested in the quality of the person not what they know at this point in their lives. That is what training is all about. The ability to get along with others and follow through on responsibilities is what employers want to see in an employee.

Who to contact?
Olive Brittain (LPP HOSES)