A Supportive, Innovative Community of Learners

Bray Park State High School

Senior Studies Handbook

2017

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OFFICE HOURS - 8.00 AM to 3.30 PM
Contents

Welcome to the Senior Phase of Learning at Bray Park State High School
People Who Can Help You
Senior Schooling Certification
Subject Continuity Year 10 to Year 11
Australian School-based Apprenticeships
Special Education Program (SEP) (QCIA)
Queensland Certificate of Education (QCE) summary
Exit Statement Sample
Example of the Queensland Certificate of Education
How Does a Tertiary Institution Select its Students?
Subject Outlines

SUBJECTS – Year 11 and 12 – 2017
TAFE Schools Program (VET)

THE ARTS
- Visual Art
- Drama
- Music
- Certificate II Visual Arts (VET)
- Music Extension

BUSINESS and ACCOUNTING
- Accounting
- Business Communication & Technology

DIGITAL
- Information Technology Systems
- Legal Studies
- Certificate III Business (VET)
- Diploma of Business (VET)
- Certificate II in Information, Digital Media and Technology (VET)

ENGLISH
- English
- English Extension
- English Communication*

HEALTH and PHYSICAL EDUCATION
- Physical Education
- Certificate III Sport and Recreation (Binnacle) (VET)

HOME ECONOMICS
- Home Economics
- Certificate II Hospitality (VET)

MATHEMATICS
- Mathematics A
- Mathematics B
- Mathematics C
- Prevocational Mathematics *

HUMANITIES
- Ancient History
- Modern History
- Social and Community Studies *
- Geography

SCIENCE
- Biology
- Chemistry
- Science in Practice *
- Physics

TECHNOLOGY STUDIES
- Graphics
- Certificate I Engineering (VET)
- Certificate II Furniture Making (VET)
- Certificate I Automotive Studies (VET)
Welcome to the Senior School at Bray Park State High School

The best advice we can offer to students contemplating the Senior Phase of Learning at Bray Park State High School is to choose senior subjects carefully, as your decisions may affect not only the types of careers you can follow later, but also your academic success and feelings about your schooling. Even though there are a number of factors to consider, choosing your course of study can be made easier, if you go about the task calmly and logically.

At Bray Park State High School, students are generally advised to select their subjects using the following steps, in order:

1. Their interests, aptitudes, achievements and career goals;
2. OP versus OP ineligible pathways
   a. If students are certain they want to undertake tertiary study and have demonstrated high academic achievement, they are encouraged to choose six authority subjects,
   b. If students are certain they do not want to undertake tertiary study and are more interested in “hands-on” learning, they are encouraged to choose a combination of authority-registered and VET subjects,
3. Prerequisites
   a. If students want to undertake university study, they must look carefully at the perquisites for university courses in their QTAC Tertiary Prerequisites 2018: Essential Guide for Choosing Senior Subjects. They must choose the subjects needed to gain entry into the courses they wish to study;
4. The subjects they will do well in
   a. Students are advised to choose subjects in which they have already demonstrated sound academic ability;
5. Bonus schemes
   a. Some universities have schemes which offer students bonus ranks if they complete certain subjects;
6. Field Positions
   a. If students are interested in studying competitive courses for which Field Positions have been used to decide entry in the past, they may wish to consider this when selecting subjects.
To assist students to choose their subjects wisely, each Year 10 student will complete a Senior Education and Training Plan (SETP)

A SETP -

- Provides the young person with a clearly thought-out set of achievable goals, a learning plan and assists in a cohesive transition across educational sectors.

- Serves as a starting point and reference point for the student’s pathway through senior education.

- Promotes on-going dialogue between an individual student, parents/carers and teachers.

- Promotes learning that is aligned with student’s aspirations and leads to the award of a Queensland Certificate of Education or Senior Statement and/or up to Certificate III Vocational qualification.

Year 10 students will be completing their SETP in Term 3 online with their subject selection during their Lifeskills class.

Once the SETP and subject selection has been completed online, students and parents will complete a subject selection interview with a member of the Administration or Head of Department team.

For this interview, students are to bring a printed copy of their subject selection and their SETP.
People Who Can Help You

**PRINCIPAL**  Kirsten Ferdinands
**DEPUTY PRINCIPALS**  Annette Fanning  
Kristin Lynch
**GUIDANCE OFFICER**  Nat Tickle
**HEAD OF SPECIAL EDUCATION SERVICES**  Kimberley McDonald
**SENIOR SCHOOLING HEAD OF DEPARTMENT**  Karenne Haygarth

Heads of Department

**ENGLISH / LANGUAGES**  Tracey Goodrum
**MATHEMATICS**  Krystina Barker
**SCIENCE**  Antony Parry
**HUMANITIES/ DIGITAL TECHNOLOGIES**  Katrina Makings
**THE ARTS and IT**  Robert Adamson
**HOME ECONOMICS / TECHNOLOGY STUDIES**  Annette Adams
**JUNIOR SECONDARY**  Kerri Trigger
**HEALTH AND PHYSICAL EDUCATION**  John Tabrett
Senior Schooling Certification

The information as provided by the Queensland Curriculum and Assessment Authority is believed to be correct as at May 2016.

Students who complete Year 11 and 12 will receive a **Senior Statement** or, if eligible, a **Queensland Certificate of Education**.

1. A "**Queensland Certificate of Education (QCE)**" (see summary on page 10) – refers to the award attained by a young person who has achieved 20 credits in the required pattern and who has met the literacy and numeracy requirements. The learning achievements banked during the Senior Phase of Learning contribute towards the qualification. Year 12 students who do not obtain a QCE will be issued with a Senior Statement by the Queensland Curriculum and Assessment Authority, recording all their learning achievements banked in their learning account.

The Queensland Certificate of Education (QCE) is a school-based qualification awarded to young people at the completion of the Senior Phase of Learning, usually at the end of Year 12.

It confirms a student's achievement of:

- a significant amount of learning
- a set standard of achievement
- meeting literacy and numeracy requirements

**The Senior Statement**

- records all learning banked in a learning account.
- will be issued to all registered young people:
  - enrolled at a school at the end of year 12 or
  - meeting the requirements for the Queensland Certificate of Education.

2. A "**TERTIARY ENTRANCE STATEMENT**" - issued by the Queensland Curriculum and Assessment Authority. **N.B. The TERTIARY ENTRANCE STATEMENT is only issued to students who qualify for entrance to a tertiary institution.** This certificate would show your **Overall Position or OP** based on your best five (5) subjects in Year 11 and 12. Your OP compares you with all other Year 12 students in the state and places you in a band between 1 and 25 (1 is the highest level).

For MOST courses, Universities would look at your **OP** firstly. If more information was needed, they would look at your **Field Position or FP** which represents important elements in the senior curriculum. On the QSA Statement, the results in five (5) fields FP-A, FP-B, FP-C, FP-D and FP-E are reported on a band from 1 to 10 (1 is the highest).
<table>
<thead>
<tr>
<th>Authority Subjects</th>
<th>Field Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td><strong>B</strong></td>
</tr>
<tr>
<td>English</td>
<td>5</td>
</tr>
<tr>
<td>Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Ancient History</td>
<td>5</td>
</tr>
<tr>
<td>Visual Art</td>
<td>4</td>
</tr>
<tr>
<td>Biology</td>
<td>5</td>
</tr>
<tr>
<td>Business Communication &amp; Technology</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Drama</td>
<td>3</td>
</tr>
<tr>
<td>Geography</td>
<td>4</td>
</tr>
<tr>
<td>Graphics</td>
<td>1</td>
</tr>
<tr>
<td>Home Economics</td>
<td>3</td>
</tr>
<tr>
<td>Information Technology Systems</td>
<td>3</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics A</td>
<td>1</td>
</tr>
<tr>
<td>Mathematics B</td>
<td>1</td>
</tr>
<tr>
<td>Mathematics C</td>
<td>1</td>
</tr>
<tr>
<td>Modern History</td>
<td>5</td>
</tr>
<tr>
<td>Music</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>Physics</td>
<td>4</td>
</tr>
<tr>
<td>English Extension</td>
<td>5</td>
</tr>
<tr>
<td>Music Extension</td>
<td>3</td>
</tr>
</tbody>
</table>

### Eligibility for Tertiary Entrance Statement

(no change from current situation)

I. Only Authority (Senior) subjects count.

II. At least **three** Authority (Senior) subjects must be studied each for **four** semesters.

III. A total of at least 100 Weighted Semester Units (WSUs) of Authority subjects must be studied (ie. 20 semester units or five subject equivalents).

IV. Must sit for all papers of the QCS Test.

V. Consequence of not taking the QCS Test without permissible reason is inability to obtain a Tertiary Entrance Statement either now or in the future.

VI. Students may sit for QCS Test in later years.

3. A Queensland Curriculum and Assessment Authority Exit Statement is available when you leave school after at least one semester.

An “EXIT STATEMENT” - is issued by the school. Your Exit Statement contains a record of your subjects, the number of semesters you studied each subject, your overall achievement for each subject and a general explanation in words describing your performance in each subject.

N.B. If you **discontinue** Senior Schooling at this school or another Queensland secondary school you are entitled to receive an EXIT Statement but NOT a Queensland Certificate of Education (QCE).

4. You may also receive one or a number of TAFE Memorandums of Results for those TAFE subjects studied during your senior schooling.

5. Some TAFE subjects may also appear on your Queensland Certificate of Education or Senior Statement and your Exit Statement. Vocational Units of Competency will appear on your Queensland Certificate of Education or Senior Statement.

6. A school reference. Our official school reference is only available when you actually leave school. If you need information for an interview, please ask the employer to ring us to support your application. Make sure you keep a record in your Student Handbook Diary in the ‘extra curricular’ section, of your activities, achievements and positions held, to assist you in completing the front sheet of the reference request form, which is available from our office. You will be required to nominate two teachers to consult with your House teacher to complete the reverse side of your reference application. A school reference is a privilege, not a right.
# Subject Continuity Year 10 to Year 11

**Authority Subjects (OP Eligible)**

**Authority Registered Subject**

**Vocational Education & Training (VET) subjects**

<table>
<thead>
<tr>
<th>YEAR 11 SUBJECT</th>
<th>PRE-REQUISITES – do not select these subjects without the requested result</th>
<th>PRE SENIOR RECOMMENDED SUBJECT</th>
<th>POSSIBLE QCE POINTS (must exit with a SA/achieve Certificate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>● English</td>
<td>B Standard in Pre Senior English and approved by HOD English</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>● English Extension (Year 12 subject only)</td>
<td>Mid B standard to an A standard is essential in Year 11 Senior English</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>● English Communication</td>
<td>Nil</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>● Ancient History</td>
<td>Minimum C Standard in Pre Senior English</td>
<td>Minimum C standard in Pre Senior History</td>
<td>4</td>
</tr>
<tr>
<td>● Modern History</td>
<td>Minimum C Standard in Pre Senior English</td>
<td>Minimum C standard in Pre Senior History</td>
<td>4</td>
</tr>
<tr>
<td>● Geography</td>
<td>Minimum C Standard in Pre Senior English</td>
<td>Pre Senior Geography, Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>● Social and Community Studies</td>
<td>Nil</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>● Legal Studies</td>
<td>Nil</td>
<td>Pre Senior Business</td>
<td>4</td>
</tr>
<tr>
<td>● Mathematics A</td>
<td>B Standard in Core or Extension Mathematics</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>● Mathematics B</td>
<td>B Standard in Extension Mathematics or B/A in Core Mathematics</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>● Mathematics C</td>
<td>B Standard in Extension Mathematics or B/A in Core Mathematics</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>- to choose Mathematics C you must also study Mathematics B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>● Prevocational Mathematics</td>
<td>Some level of study in Year 10 Mathematics</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>● Physics</td>
<td>Minimum C standard in ACARA Science, Science extension or C in Pre-Senior Maths B</td>
<td>Completion of Physical Science Extension elective</td>
<td>4</td>
</tr>
<tr>
<td>● Chemistry</td>
<td>Minimum C standard in ACARA Science, Science extension or Pre-Senior Maths B or Minimum B standard in Pre-senior Maths A</td>
<td>Completion of Physical Science Extension elective</td>
<td>4</td>
</tr>
<tr>
<td>● Biology</td>
<td>Minimum C standard in ACARA Science or Science extension or minimum of C in Pre-Senior Maths A</td>
<td>Completion of Living Science Extension elective</td>
<td>4</td>
</tr>
<tr>
<td>● Science in Practice</td>
<td>Nil</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>● Accounting</td>
<td>Nil</td>
<td>Pre Senior Business</td>
<td>4</td>
</tr>
</tbody>
</table>
## Subject Continuity Year 10 to Year 11 (continued)

<table>
<thead>
<tr>
<th>YEAR 11 SUBJECT</th>
<th>PRE-REQUISITES - do not select these subjects without the requested result</th>
<th>PRE SENIOR RECOMMENDED SUBJECT</th>
<th>POSSIBLE QCE POINTS (must exit with a SA/achieve Certificate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
<td>Nil</td>
<td>Pre Senior Business/ICT</td>
<td>4</td>
</tr>
<tr>
<td>Communication &amp;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technologies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cert III Business (VET)</td>
<td>Nil</td>
<td>Pre Senior Business/ICT</td>
<td>4</td>
</tr>
<tr>
<td>Diploma of Business (VET)</td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Visual Art</td>
<td>Nil</td>
<td>Pre Senior Art, Pre Senior English</td>
<td>4</td>
</tr>
<tr>
<td>Cert II Visual Arts (VET)</td>
<td>Nil</td>
<td>Pre Senior Art</td>
<td>4</td>
</tr>
<tr>
<td>Music</td>
<td>Nil</td>
<td>Pre Senior Music, Pre Senior English</td>
<td>4</td>
</tr>
<tr>
<td>Music Extension (yr 12 only)</td>
<td>Music Year 11</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Drama</td>
<td>Nil</td>
<td>Pre Senior Drama, Pre Senior English</td>
<td>4</td>
</tr>
<tr>
<td>Home Economics</td>
<td>Nil</td>
<td>C standard in Pre Senior English and Pre Senior Home Economics or Hospitality</td>
<td>4</td>
</tr>
<tr>
<td>Cert II Hospitality (VET)</td>
<td>Nil</td>
<td>Pre Senior Home Economics or Pre Senior Hospitality</td>
<td>4</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Nil</td>
<td>C Standard in Pre Senior Physical Education and Pre Senior English</td>
<td>4</td>
</tr>
<tr>
<td>Cert III Sport and Recreation (VET)</td>
<td>Nil</td>
<td>Pre Senior Physical Education</td>
<td>8</td>
</tr>
<tr>
<td>Senior Graphics</td>
<td>Nil</td>
<td>C Standard in Pre Senior English, Pre Senior Graphics subject</td>
<td>4</td>
</tr>
<tr>
<td>Cert I Engineering (VET)</td>
<td>Nil</td>
<td>A Pre Senior practical Technology subject</td>
<td>3</td>
</tr>
<tr>
<td>Cert II Furniture Making (VET)</td>
<td>Nil</td>
<td>A Pre Senior practical Technology subject</td>
<td>4</td>
</tr>
<tr>
<td>Cert I Automotive Vocational Preparation (VET)</td>
<td>Nil</td>
<td>Interest in Automotive Industry</td>
<td>2</td>
</tr>
<tr>
<td>Cert II Information, Digital Media and Technology (VET)</td>
<td>Nil</td>
<td>Pre Senior Business/ICT</td>
<td>4</td>
</tr>
<tr>
<td>Information Technology Systems</td>
<td>Nil</td>
<td>Pre Business/ICT Pre Senior English</td>
<td>4</td>
</tr>
</tbody>
</table>
Australian School-based Apprenticeships

For senior students (Year 11 and 12), there is also the opportunity of completing either a School based Traineeship or Apprenticeship.

School based Traineeships (SATs) allow you to train and do paid work in your chosen traineeship area while you are still at school studying for your Queensland Certificate of Education or Senior Statement.

Generally, students do one day a week of paid work and then four days at school. Students complete 5 subjects instead of the normal 6 subjects and in the time available, students complete school work missed during the day at work. Wednesday or Thursday will be the preferred days for work. Should students not accept, or later leave the School Based Traineeship or Apprenticeship, a 6th subject must be undertaken.

School based Traineeships can be obtained through a variety of means: work placement, part-time jobs, Group Training Companies and students finding an interested employer.

The School based Traineeship is normally a Certificate II/III level and will be recorded on the Queensland Certificate of Education or Senior Statement if completed by the end of Year 12.

For further information contact the Senior Schooling Head of Department or the Guidance Officer.

School Based Traineeship process to follow:
1. Employer willing to take on student for a Traineeship.
2. Student/ Parent contacts the Senior Schooling Head of Department with the employer details and possible work day.
3. HOD contacts employer to confirm details.
4. Employer confirms the Traineeship will go ahead.
5. Student and/or parent has interview with the Guidance Officer to look at subjects and work day (QCE checked).
6. Sign up occurs.
7. Student starts Traineeship and teachers notified.
The Special Education Program provides pathways to support all students with disabilities through their senior schooling phase, whether their goals are work, further study, or other supported placements beyond school.

Verified students who are working towards a Queensland Certificate of Education (QCE) pathway participate in the same subjects as their peers, with Teacher Aide support allocated to identified students. Those students who are working towards a Queensland Certificate of Individual Achievement (QCIA) will participate in a combination of regular classes, as well as small group focus classes, to achieve their individual goals.

*The subjects we offer in year 11 and 12 are:*

**Year 11 & 12 Focus Group Literacy and Numeracy:**

Only students working towards a QCIA will participate in these courses, as they do not meet literacy and numeracy requirements for the QCE. Content covered in the literacy and numeracy courses is focussed towards developing a student’s ability to become a productive, work-ready and independent young adult.

**Certificate II in Active Volunteering:**

This course is offered in partnership with Volunteering Queensland SAAVI (Students as Active Volunteers Initiative). This course will be completed over Year 11 and 12 and gives students vital skills in the following areas:

- Working with others
- Communicating effectively
- Basic administration skills
- Maintaining Workplace Health and Safety

**Additional Senior School services and activities include:**

- Senior Education and Training Plan (SETP) including Individual Support Plan
- Access to Disability Employment Support (DES) Providers, Employment networks, Ticket To Work providers, Lifestyle support agencies, traineeship providers and Government agencies
- Work experience
- Special consideration support for identified students during examinations, assessments and tests
- Liaise with students, teachers, parents and others relating to student general well-being and school success.
Queensland Certificate of Individual Achievement

The Queensland Certificate of Individual Achievement (QCIA) recognises and certifies the learning achievements of students whose learning is part of an individualised program.

The QCIA records educational achievements in two areas:
- Statement of Achievement
- Statement of Participation

In the QCIA’s Statement of Achievement section, five curriculum organisers are defined to support teachers in recording student achievements:
- Communication and technologies
- Community, citizenship and the environment
- Leisure and recreation
- Personal and living dimensions
- Vocational and transition activities.

How do schools decide whether to enrol a student on a QCIA or QCE pathway?

A QCIA student must have:
- an impairment, or
- difficulties in learning that affect their ability to engage in mainstream learning, not due to socioeconomic, cultural or linguistic factors.

Can a student on a QCIA pathway do some QCE learning?

Some students may be working towards a QCIA and a Queensland Certificate of Education (QCE) pathway. At exit from Year 12, a student cannot receive a QCE and a QCIA. However, a student may be issued with the QCIA and bank some credit towards their QCE. In this situation the QCE may be achieved and awarded post school.

A student may complete up to 3 QCE core courses and still receive a QCIA. Please note however, that if two Certificates I are completed, then this equals 1 QCE completed core.
Referrals to the Special Education Program are made through a variety of sources (e.g. parents, staff) and students are encouraged to approach relevant staff with any concerns they may have. Students and Parents can make contact with our Head of Special Education Services (HOSES) for further information.
**Queensland Certificate of Education (QCE)**

**QUEENSLAND CERTIFICATE OF EDUCATION (QCE) (20 Credits)**

<table>
<thead>
<tr>
<th>12-20 Credits from Completed CORE</th>
<th>Standard</th>
<th>Credit</th>
<th>Incomplete CORE Contributing to the 8 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authority/Authority-Registered subject</td>
<td>At least a Sound LOA</td>
<td>4</td>
<td>1 Credit per Semester (at least Sound LOA)</td>
</tr>
<tr>
<td>A Senior External Exam</td>
<td>At least a Sound LOA Competence</td>
<td>4</td>
<td>Cert II and exempted Certs III &amp; IV: 25% = 1; 50% = 2; 75% = 3</td>
</tr>
<tr>
<td>VET Certificate II (including Traineeships)</td>
<td>Competence</td>
<td>4</td>
<td>Certs III &amp; IV: 25% = 2; 50% = 4; 75% = 6</td>
</tr>
<tr>
<td>VET Certificate III – IV (including Traineeships)</td>
<td>Competence</td>
<td>8*</td>
<td>At least 25% of the competencies – 2 credits (or 1 credit if an excepted Certificate III or IV) and/or 1 credit per 20 days of paid work (maximum of 4 credits if 80 – 96 days paid work is completed)</td>
</tr>
<tr>
<td>School-based Apprenticeship</td>
<td>Competence in 30% of the competencies and 96 days of on-the-job training</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Tailored Training Program</td>
<td>At least a pass as defined by the course</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>International Learning Program</td>
<td>At least a pass as defined by the course (each subject)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Up to 8 Credits from a combination of:</th>
<th>Standard</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional completed Core (as above)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Incomplete Core (above right)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Preparatory Courses (a max. of 6 credits can count):**

| VET Certificate I (a maximum of 2 can count) | Competence | 2 - 3 |
| Employment Skills Development Program (only 1 can count) | Completed | 2 |
| Re-engagement Program (only 1 can count) | Completed | 2 |

**Enrichment Courses:**

| Recognised certificate or award in areas such as music, dance, drama, sport and community development | Awarded | 1 |
| A negotiated, workplace, community or self-directed project | At least a Pass as defined by the project | 1 |
| 160 hrs (20 days) Structured Workplace Learning (employer endorsed and recognised by QSA) | Completed | 1 |

**Advanced Courses:**

| A 1-semester Uni Subject while at school | At least a Pass as defined by the Course | 2 |
| A 2-semester Uni Subject while at school | At least a Pass as defined by the Course | 4 |
| Competencies in a Diploma or Advanced Diploma over at least a Semester or its equivalent | At least a Pass as defined by the Course | 2 |

<table>
<thead>
<tr>
<th>Literacy requirement</th>
<th>Numeracy requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A semester of an Authority or Authority-Registered English subject</td>
<td>A semester of an Authority or Authority-Registered Mathematics subject</td>
</tr>
<tr>
<td>OR Queensland Core Skills Test</td>
<td>OR Queensland Core Skills Test</td>
</tr>
<tr>
<td>At least a Sound LOA</td>
<td>At least a Sound LOA</td>
</tr>
<tr>
<td>Competence</td>
<td>Competence</td>
</tr>
<tr>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>At least a Sound LOA</td>
<td>At least a Sound LOA</td>
</tr>
<tr>
<td>At least a C</td>
<td>At least a C</td>
</tr>
</tbody>
</table>

*Exceptions apply: some Certificates III and IV contribute fewer than 8 credits. For a list of exceptions, refer to [www.qsa.qld.edu.au/learning_priorities/qce/exempt-certs.html](http://www.qsa.qld.edu.au/learning_priorities/qce/exempt-certs.html)*
Exit Statement Sample

The following is a sample of the Exit Statement currently used that will be issued to students when they exit the course at the end of Year 12.

YEAR 12 EXIT STATEMENT 2018

JOHN SMITH

AUTHORITY SUBJECTS

ENGLISH
4 Semesters
OVERALL ACHIEVEMENT - VERY HIGH
John shows an exceptional ability to write in a variety of styles, for a variety of audiences and purposes, displaying exceptional originality and flair. He utilises extremely logical and well planned arguments. In oral situations, John effectively exploits a wide range of speaking skills, with great confidence and fluency.

GEOGRAPHY
4 Semesters
OVERALL ACHIEVEMENT - VERY HIGH
John displays a very wide knowledge of geographic concepts and issues and possesses the ability to analyse geographic data to a very high degree. Map work and diagrammatic presentation of research and field study is of a high standard. He has revealed expertise in evaluating information, making decisions and reporting findings clearly and concisely.

MATHEMATICS B
4 Semesters
OVERALL ACHIEVEMENT - VERY HIGH
John’s work demonstrates recall of mathematical definitions, rules and procedures in both simple and complex situations. He is able to apply rules and procedures using numerical calculations, spatial sense and algebra in life related and abstract situations. John uses strategies to interpret and develop responses to tasks from simple to complex in nature and in life related and abstract situations. He identifies assumptions, investigations and evaluates the validity of arguments and the strengths and limitations of models in problem.

CHEMISTRY
4 Semesters
OVERALL ACHIEVEMENT - VERY HIGH
John has demonstrated an excellent knowledge of the facts and main ideas of the course and is able to apply this knowledge in both simple and complex situations. He also displays the ability to gather and process scientific data with commendable care and accuracy. His performance in laboratory work has been very competent.

MUSIC
4 Semesters
OVERALL ACHIEVEMENT - HIGH
John has significant knowledge of the historical and stylistic features of each era and demonstrates a high standard of craftsmanship in composing and arranging tasks in a variety of styles and media. He displays a high level of aural perception and musical literacy and an advanced mastery of the skills of vocal and instrumental performance. He shows a high level of commitment to the art form.

DRAMA
4 Semesters
OVERALL ACHIEVEMENT - VERY HIGH
John understands and applies the elements of dramatic form with excellence and uses communication skills competently and effectively. He performs with imagination and originality and participates willingly in group work. He interprets analyses and applies texts and contexts accurately in most cases.

Issued without alterations or erasures 16th November 2018.

Principal
Sample of the Queensland Certificate of Education

Queensland
CERTIFICATE OF EDUCATION

Awarded to
John Citizen
having met the requirements for certification.

Chairperson QSA
Date of issue: 19 December 2008

This certificate is issued by the Queensland Studies Authority without alteration or excuse.
This qualification is recognized within the Australian Qualifications Framework.
Student No. 08-2014-13869

SAMPLE ONLY
How Does a Tertiary Institution
Select Their Students?

Principles of Methodology of Selection

Step 1:  All year 12 students who have satisfied the pre-requisite subjects and have obtained an OP band will be considered in order of OP band. (OP 1 being the highest score).

Step 2:  All qualified applicants in each OP band above that required to fill the quota will be offered places.

Step 3:  If there are more qualified applicants in the lowest of the OP bands being used to make offers than there are places still available, Field Position (FP) data will be used to select those to receive offers.

Step 4:  Some universities may use a fourth step, if needed. The universities concerned will publish details beforehand. Possible additional criteria may include consideration of subject level achievement in pre-requisite subjects, school reports, additional information supplied by the applicant, interviews and, in future years (depending on the results of research), the QCS Test result.

Students who are not eligible for an OP but are applying for TAFE Associate Diploma entry (full time) need to be aware that results from their Core Skills Test can be used as criteria for entry if the student wishes. However it is optional, not compulsory, that they sit for the Core Skills Test.

Students may need to refer to the QTAC Assessment of Qualifications Manual Schedule Tables S1020-S1024 which is available from our Guidance Counsellor.

N.B.  Some Universities and TAFE Colleges have alternate methods of entry. Our Guidance Counsellor is the best source of information on alternative methods of entry in the first instance.

Early entry to TAFE can be applied for in Term 3 of Year 12 and requires a student to complete a nomination form. The Guidance Counsellor will provide more information regarding early entry into TAFE.
Subject Outlines

Please Take Note

1. Subjects listed in this booklet will only be available in 2017 if enrolment numbers are such that forming a class is viable. The minimum number of students necessary to form a class will be determined by the availability of staff. Education Queensland decides the number of staff available to our school. Students will be notified if any subject they have chosen is unable to be offered and will be given time to make changes. Changes may occur in Year 12 should significant changes in student numbers occur.

2. Students requiring entrance to Tertiary Institutions must have a minimum of the equivalent of 5 Authority Subjects for 4 semesters, and possibly 6 depending on FP requirements. N.B. 3 of these must be studied for four semesters.

3. Students must have the pre-requisite result to be able to select the year 11 subject.

4. A Queensland Certificate of Education or Senior Statement may be taken over a 3 year period. Please consult our Guidance Counsellor or HOSES for details. The Queensland Certificate of Education student account will remain open for 9 years from the time a student starts Year 10.

5. Students will have the opportunity to select one TAFE – School Program Certificate Level course. Courses will run depending on student numbers.

6. All students who undertake a school Vocational Education and Training subject (VET) must complete at least two weeks of Work Placement during Year 11 and 12 (15 days for Cert II Hospitality).

7. It should also be noted that students can not join a subject during a semester but must start at the beginning of a semester.

Legend:
- Authority subjects (OP eligible)
- Authority Registered Subject
- VET – Vocational Education subjects
TAFE – SCHOOLS PROGRAM

TAFE Queensland is offering the opportunity for high school students to attend TAFE one day a week during the school term over two years to complete a Certificate II or Certificate III.

Students may select only one Certificate course to complete in conjunction with their school studies.

Students can obtain a course guide with fees etc. from Ms Haygarth. Please be advised courses will run depending on student numbers. All Fees are subject to change.

Representatives from TAFE Queensland will be at the Senior Pathways Day (Tuesday 26 July) and will provide students with details of the courses on offer and how to apply.

Courses on offer for 2017 include:

Bracken Ridge Campus

<table>
<thead>
<tr>
<th>PROGRAM NAME</th>
<th>QCE CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate I in Construction</td>
<td>3</td>
</tr>
<tr>
<td>Certificate I in Plumbing Services</td>
<td>3</td>
</tr>
<tr>
<td>Certificate II in Automotive Cylinder Head Reconditioning (Light or Heavy Vehicle)</td>
<td>4</td>
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<tr>
<td>Certificate II in Electrotechnology (Career Start)</td>
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<tr>
<td>Certificate II in Engineering Pathways</td>
<td>4</td>
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<tr>
<td>Certificate II in Furniture Making</td>
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<tr>
<td>Certificate II in Hospitality (Café and Barista)</td>
<td>4</td>
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<tr>
<td>Certificate II in Hospitality (Food and Beverage)</td>
<td>4</td>
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<tr>
<td>Certificate II in Kitchen Operations (Cookery Skills)</td>
<td>4</td>
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<tr>
<td>Certificate II in Manufacturing Technology (Fashion Production)</td>
<td>4</td>
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<tr>
<td>Certificate II in Manufacturing Technology (Soft Furnishing)</td>
<td>4</td>
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<tr>
<td>Certificate II in Millinery (Fashion Accessories and Hat Making)</td>
<td>4</td>
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<tr>
<td>Certificate II in Sport and Recreation</td>
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</tr>
<tr>
<td>PROGRAM NAME</td>
<td>QCE CREDITS</td>
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<tr>
<td>Certificate II in Surveying and Spatial Information Services</td>
<td>4</td>
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<tr>
<td>Certificate II in Telecommunications Technology (Networking)</td>
<td>4</td>
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<tr>
<td>Certificate II in Tourism</td>
<td>4</td>
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<tr>
<td>Certificate III in Accounts Administration</td>
<td>6</td>
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<tr>
<td>Certificate III in Applied Fashion Design and Technology</td>
<td>8</td>
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<tr>
<td>Certificate III in Business Administration</td>
<td>8</td>
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<tr>
<td>Certificate III in Design Fundamentals (Graphics)</td>
<td>8</td>
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<tr>
<td>Certificate III in Early Childhood Education and Care</td>
<td>8</td>
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<tr>
<td>Certificate III in Fitness (incorporating Certificate II in Sport and Recreation)</td>
<td>12</td>
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<tr>
<td>Certificate III in Hospitality (Food and Beverage) incorporating Certificate II in Kitchen Operations</td>
<td>12</td>
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<tr>
<td>Certificate III in Information and Digital Media Technology (Network Administration)</td>
<td>8</td>
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<tr>
<td>Certificate III in Media (Multimedia)</td>
<td>8</td>
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<tr>
<td>Certificate III in Micro Business Operations</td>
<td>6</td>
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<tr>
<td>Certificate III in Visual Arts</td>
<td>8</td>
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<tr>
<td>Certificate IV in Justice Studies</td>
<td>8</td>
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<tr>
<td>Caboolture Campus</td>
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<tr>
<td>Certificate II in Hairdressing</td>
<td>4</td>
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<tr>
<td>Certificate II in Health Support Services</td>
<td>4</td>
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<tr>
<td>Certificate II in Retail Makeup and Skincare</td>
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<tr>
<td>Certificate II in Rural Operations (Horticulture Specialisation)</td>
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<tr>
<td>Certificate II in Rural Operations (Horticulture and Animal Studies specialisation)</td>
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<td>Certificate II in Rural Operations and Certificate II in Animal Studies (Dual Qualification)</td>
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<tr>
<td>Certificate II in Rural Operations and Certificate II in Horticulture (Dual Qualification)</td>
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<tr>
<td>Certificate II in Sport and Recreation</td>
<td>4</td>
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<tr>
<td>Certificate II in Tourism</td>
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<td>Certificate III in Early Childhood Education and Care</td>
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<tr>
<td>Certificate III in Fitness (incorporating Certificate II in Sport and Recreation)</td>
<td>12</td>
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<tr>
<td>Certificate III in Health Services Assistance</td>
<td>8</td>
</tr>
<tr>
<td>Certificate III in Information and Digital Media Technology (Robotics and Mobile Applications)</td>
<td>8</td>
</tr>
<tr>
<td>Certificate III in Hospitality (Hotel Reception) (incorporating Certificate II in Hospitality)</td>
<td>12</td>
</tr>
<tr>
<td>Certificate III in Micro Business Operations (Semester 2 intake only)</td>
<td>6</td>
</tr>
<tr>
<td>Certificate IV in Justice Studies</td>
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</tr>
</tbody>
</table>
THE ARTS
Visual Art  ●  (subject code ART)

Queensland Curriculum and Assessment Authority Code Number 080

Content
Senior Art involves students in researching, developing and resolving ideas which will allow them to negotiate and construct meaning through a variety of visual, verbal and sensory statements.

A two-year course of study is based on units of work that comprise concepts, focuses and media areas. Students' understanding of the general objectives of making and appraising is developed through these units of work and is supported by the essential teaching and learning processes of researching, developing and resolving.

Concepts are the unit organisers that direct student learning and integrate making and appraising.

Focuses are individual student pathways that define interpretations and responses to concepts.

Media areas are overviews of knowledge, skills, techniques and processes.

Over the two-year course, students should have the opportunity to make and appraise images and objects growing from a range of media areas. The sequencing of units of work across a course of study provides students with opportunities to progress along a learning continuum that develops from diversification in Year 11 to specialisation in Year 12. Thus, students should be making increasingly independent selections of focuses and media areas.

This subject is a pre-requisite for anyone considering further study in art at a tertiary level and useful for anyone contemplating art related careers eg. graphics, design or advertising.

Recommended Pre-Senior Subjects
Pre Senior Art
Pre Senior English

Skills Developed
• Practical Skills are developed in a variety of media and across areas of study.
• Knowledge and understanding of design concepts.
• Visual Awareness of your surroundings.
• Specialist skills are developed in selected areas of study.

Assessment
There will be a practical component and a theory component with the emphasis on the former. In the majority of cases it will involve the presentation of a Body of Work each unit which includes resolved art works, research as well as analytical assignments. The approximate ratio is Practical 60% and Theory 40%.

Average Weekly Workload
This may include extended hours in the practical room during lunchtime and, in some cases, extension workshops after school. Additional home study and completion of practical tasks will involve a further 3 hours minimum a week.

Special Requirements
Students are required to pay a subject fee for art materials used in this course. Work produced by the student becomes the property of the student. Use of facilities to complete folio requirements may include lunchtime workshops and after school workshops.
Drama ● (subject code DRA)

Queensland Curriculum and Assessment Authority Code Number 088

Content
Engaging in Drama promotes imagination, critical and creative thinking, problem solving, cultural engagement and communication and provides opportunities for students to share ideas with others through informal and formal performances. Students engage in learning experiences that integrate oral, kinaesthetic and visual communication to create aesthetic and artistic meaning.

Recommended Pre-Senior Subjects
Pre Senior Drama
Pre Senior English

Theatre Styles Studies

Required Study - Realism

Historical Theatre Styles – Elizabethan Theatre, Greek Theatre, Epic Theatre
Contemporary Theatre Styles – Physical Theatre, One-Person Show, Verbatim Theatre

Other possible areas of study – Australian Gothic, Contemporary Aboriginal Theatre, Absurdism

Assessment
Many learning experiences and practical tasks in Drama will occur in group situations. However, achievement will be measured in terms of the individual's performance within the group.

Forming (the student working as a playwright, director or dramaturge) Tasks include – Directing, Scriptwriting and Designing Dramatic Statements

Presenting (the student working as an actor) Tasks include – Group and Individual performance for a live audience

Responding (the student working analytically as a critic) Tasks include – essay and oral presentations of analysis of live or filmed professional performances.

Average Weekly Workload
• Approximately 3 x 70 minute lessons a week.
• Extra time for rehearsals or preparations may be required for lessons or performance.

Students are required to supply their own costumes for performances. They must have 'drama blacks' which consist of black pants and shirt. Extra props and costumes will be organized by the students and their teacher.

Students are required to attend two excursions per year. These excursions allow students to experience live theatre and they will have an assessment task based on each performance. There is a cost involved with the excursions to cover tickets and transportation. Students are encouraged to see as much live theatre as possible throughout the year.
Music ● (subject code MUS)

Queensland Curriculum and Assessment Authority Code Number 091

Content
MUSIC, as an "arts" study is a powerful educative tool for individuals to experience a unique way of expressing and communicating to others. It uses its own language and symbol system. Like any of the "Arts", Music reflects what is happening in society - i.e. the social, cultural, technological and political issues and has the capacity to cross national borders and assists people of different cultures to understand each other.

Music is a study of creativity, where students gain self discipline and artistic freedom. This program should inspire students to be involved with Music as a leisure pursuit or as a career. As technology increases, the scope of careers in Music also increases. Besides the most obvious careers such as teaching, performing and composing music, recording, marketing and many other careers require musically trained staff ranging from computer technicians to music retailers.

Recommended Pre-Senior Subjects
If a student has not previously studied Music, an interview with the Music Teacher and/or Head of Department is recommended to determine whether the student has the recommended pre-requisites.

- Ability to play an instrument or sing
- Pre Senior Music
- Pre Senior English

Assessment
A variety of assessment techniques will be used to measure student achievement in the three dimensions:

**Musicology**
- The process of understanding and finding meaning in music, e.g. exams, research projects, lecturettes
- Aural perception
- Developing inner hearing
- Aural and visual analysis of repertoire encouraging an appreciation of music
- Skills such as listening, analysing, comparing pieces, rhythmic, harmonic and melodic work are developed

**Composition**
- Planned creation of music
- Development of music writing techniques
- Learning to write music neatly and precisely is encouraged
- Where possible, own compositions will be played to further understand the nature of composition
- Understanding the features of different styles of music by writing compositions

**Performance**
- Playing, singing
- Conducting
- Improvising
- Accompanying
- Learning to read music and sight read / sing is encouraged

Average Weekly Workload
- Three x 70 minute lessons a week
- Extra time for rehearsals may be required
- Additional home study and completion of tasks will involve a further 3 hours minimum a week
- Excursions
CUA20715 Certificate II in Visual Arts

**Aim:** This course is designed to provide a foundation of knowledge and skills for people intending to work in arts related industries or undertake higher levels of studies in visual arts. It provides an opportunity to explore employment pathways in the visual Arts industry.

The course is delivered over two year’s full time study. The structure of the course incorporates effective work practices, workplace health and safety issues, an understanding of historical and theoretical aesthetic concepts plus elective studies in drawing, painting, sculpture, printmaking and ceramics.

**Competencies delivered:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BSBWHS201</td>
<td>Contribute to health and safety of others (Core)</td>
</tr>
<tr>
<td>CUAACD101</td>
<td>Use basic drawing techniques (Core)</td>
</tr>
<tr>
<td>CUAPPR201</td>
<td>Make simple creative work (Core)</td>
</tr>
<tr>
<td>CUARES202</td>
<td>Source and use information relevant to own arts practice (core)</td>
</tr>
<tr>
<td>CUADRA201</td>
<td>Develop drawing skills (elective)</td>
</tr>
<tr>
<td>CUAPAI201</td>
<td>Develop painting skills (elective)</td>
</tr>
<tr>
<td>CUASCU201</td>
<td>Develop ceramic skills (elective)</td>
</tr>
<tr>
<td>CUAPRI201</td>
<td>Develop printmaking skills (elective)</td>
</tr>
<tr>
<td>CUASCU201</td>
<td>Develop sculptural skills (elective)</td>
</tr>
</tbody>
</table>

**Special Subject Advice:** This course will be delivered through school based tasks that will simulate a working studio environment. It is organised to provide students with generic skills and the opportunity to apply these skills in an industry simulated environment.

**Work placement:** Students will be given the opportunity through work placement/real life activities (eg, public art exhibitions) to demonstrate their ability to apply knowledge of skills.

**Assessment:** Assessment for this certificate course is competency based. Students are required to demonstrate competency in all set tasks to receive certification. These include theory work books as well as practical folio tasks.

**Special Requirements:** Students are required to pay a subject fee for art materials used in this course. Work produced by the student becomes the property of the student. Use of facilities to complete folio requirements may include lunchtime workshops and after school workshops.
Music Extension ●

Queensland Curriculum and Assessment Authority Code Number 092

Content
Music Extension is designed to cater for students with specific abilities in music. It is an extension of the senior syllabus in Music, is more challenging, and the standards by which student achievement is assessed are higher than those of Senior Music.

In this course, the student with identified ability in performing, composing or musicology has the opportunity to develop personal potential beyond the scope of the parent syllabus. It provides students with a developmental path to a more exciting level and leads to the acquisition of significant expertise in their chosen field.

Pre-requisites
The requirement for entry into the Music Extension subject is that the student has studied two semesters of Year 11 Senior Music, or the equivalent, and has concurrent enrolment in Year 12 Senior Music. **It is an Authority subject for Year 12 only.**

Skills Developed
By the conclusion of the course the student should be able to demonstrate achievement at an advanced level in their chosen specialisation.

Specialisations
Performance
Composition
Musicology

Assessment

*Investigating Tasks* – asks students to research, explore and analyse and synthesise evidence from a range of music sources. This may lead to a deeper understanding of music ideas, informing their own practice as a composer, musicologist or performer.

*Realising Tasks* – requires students to develop and express music ideas for an audience. They develop and refine skills by, for example, participating in solo and ensemble performances, drafting and editing of compositional works and exploring different viewpoints about a musical hypothesis. In expressing the work, students engage with an audience in an interpretation of musical ideas.

Average Weekly Load
- One lesson time with classroom music teacher
- Individual instrumental practice at school and/or at home.
Accounting  ●  
(subject code ACC)

Queensland Curriculum and Assessment Authority Code Number 060

Accounting is designed for students who have a special interest in business studies and in the management of financial resources. This course is designed, not only to provide a foundation in the discipline of accounting, but also to prepare students for further education, training and employment.

Students are provided with opportunities to develop skills in managing financial resources which can be applied at a personal level as well in the business environment.

Pre-Senior Recommendation

It is recommended that students should have obtained a C Standard in Pre Senior English and Maths A or B.

What students will learn

The course is organised around core and electives grouped under “Recording and controls” and Reporting and Decision-making”. During the course, students may study:

- Principles of double-entry accounting
- Accrual accounting and accounting for GST
- Accounting packages MYOB
- Control of the major financial elements of a business – cash, credit transactions, inventories and non-current assets
- Preparation, analysis and interpretation of accounting records and financial reports
- Personal financing and investing

Knowledge and application of spreadsheets is essential to this subject and students are required to design and construct spreadsheets. The Accounting Procedures taught are consistent with the practices of professional bodies.

Students will have the opportunity to participate in the QUT Accounting in High Schools project which allows them to complete one University Business subject while in Year 12.

Assessment

Assessment instruments will be designed in terms of knowledge and procedural practices; interpretation and evaluation and applied practical processes.

Career and Other Opportunities

Success with Accounting should provide students with the knowledge and necessary skills to access a wide range of employment opportunities in business both private and public. Also, these skills and knowledge will be of valuable assistance to students seeking to become self-employed or undertaking other studies at tertiary level.
Business Communication & Technologies (BCT) •
(subject code BCT)
Queensland Curriculum and Assessment Authority Code Number 063

Why study Business Communication and Technologies?

Business Communication and Technologies (BCT) offers students opportunities to engage in and understand a range of business administrative practices through real-life situations and simulations. The course is designed to provide a foundation in the study of business and to prepare students for further education, training and employment.

Business Communication and Technologies fosters intellectual, social and moral development by encouraging students to think critically about the role and ethical responsibilities of business in society.

What is studied?

Business Communication and Technologies encompasses theoretical and practical aspects of business in contexts students will encounter throughout their lives.

The underpinning practices of Business Communication and Business Technologies are integral to all business relationships and dealings, and shape the development of students’ knowledge and skills.

A course in Business Communication and Technologies is designed using a selection of topics of study:

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

How do students learn?

In this subject, students examine the broader social, cultural and environmental implications of business activities with a focus on the essential skills of communication and the use of business-specific technologies.

Business Communication and Technologies requires students to engage in learning activities requiring higher-order cognition. They interpret and analyse business issues to evaluate proposed business solutions and recommendations from the perspectives of an employer, employee or self-employed individual across a range of business situations.

Students may be involved in activities that include: evaluating case studies; investigations and inquiry learning; manipulating and using business technologies and communicating using a variety of modes.

Pre-requisites

There are no pre-requisites for this subject.
How are Students Assessed?

Students are assessed against standards described in terms of:

- Knowing and understanding business
- Investigating business issues
- Evaluating business decisions.

Career and Other Opportunities

A significant feature of Business Communication and Technologies is its relevance to future pathways, as it provides useful knowledge and competencies for life. Through the analysis of business issues, the course of study provides rigour and depth and lays an excellent foundation for students in tertiary study and for their future employment. 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.
Information Technology Systems (ITS)  
(subject code ITN)

Queensland Curriculum and Assessment Authority Code Number 065

Why study Information Technology Systems?

Information Technology Systems (ITS) is a practical discipline which prepares students to respond to emerging technologies and information technology (IT) trends. Students develop the knowledge of, and skills in, the systems supporting IT. Systems range from those supporting the development of information, such as documents or websites, to those supporting technology, such as computers or networks.

Information Technology Systems prepares students to cope with, and harness to their advantage, the changes and significant opportunities associated with IT. This subject may lead to employment in such areas as IT support, graphic and multimedia manipulation, or tertiary study in the fields of multimedia design, games design, website design and animation.

How do students learn?

Students of Information Technology Systems engage in a variety of practical learning experiences in a mostly project-based course of study. Students will:

- retrieve information from databases
- design, implement, test, evaluate and write documentation for information systems and other computer programs
- participate in class discussions, role-plays, dilemmas and scenarios
- install and maintain a variety of software applications and operating systems
- design, develop and evaluate software or hardware to meet client requirements
- generate helpdesk materials
- develop websites
- design, develop and evaluate games and other multimedia products
- undertake case studies to solve real IT problems.

What is studied?

Subject matter in Information Technology Systems is organised in five interwoven elements:

- Theory and techniques
- Problem-solving process
- Project management
- Client relationships
- Social and ethical issues.

Contexts provide a focus for developing the subject matter into units of work. They include:

- Animation
- Game design
- Graphic design
- Interactive media
- Mobile technology
- Multimedia
- Video production
- Web design.

Pre-Senior Recommendation

It is recommended that students should have attained at least a C Standard in Pre Senior English.
How are students assessed?

Students are assessed against standards described in terms of:

- Knowledge and communication
- Design and development
- Implementation and evaluation.

Assessment techniques used may include short and/or extended responses, research assignments, projects and practical exercises. Multimodal presentations such as seminar presentations, multimedia presentations and reports may also be used.

Where might Information Technology Systems lead?

This subject may lead to employment in such areas as IT support, graphic and multimedia manipulation, or tertiary study in the fields of multimedia design, games design, website design and animation.
Legal Studies •
(subject code LEG)

Queensland Curriculum and Assessment Authority Code Number 029

What is Legal Studies?

Legal Studies is about developing an understanding of the Australian legal system and how it affects your basic rights, obligations and responsibilities. You will explore how to become an active and informed citizen and learn how to constructively question and contribute to the improvement of laws and legal processes.

By examining factors that have led society to create a legal system, you will develop knowledge and understanding of the frameworks which regulate and shape our society. You will develop confidence in approaching and accessing the Australian legal system and will develop a better appreciation of the relationship between social and legal structures.

What do Students Learn?

The Legal Studies course enables you to learn through the investigation of legal issues, exploring four core areas of study:

• the legal system
• criminal law
• introduction to civil obligations
• human rights.

Pre-Senior Recommendation

C Standard in Pre Senior English

Assessment

Assessment instruments include extended responses (including an independent inquiry) and examinations. An independent inquiry involves undertaking an independent, self-directed, in-depth investigation of a topical legal issue facing Australian society. Extended responses include responses to research or stimulus materials, such as legal case studies, legislation, essays, articles, speeches or presentations. Examinations may be extended response tests or short response tests, which include short answer responses.

Career and Career Opportunities

A course of study in Legal Studies can contribute 4 credits towards the Queensland Certificate of Education (QCE), and open a door to further education and employment in the fields of law, law enforcement, criminology, justice studies, social work, government, corrective services, business, education, economics and politics.

Special Requirements

Students will undertake some Field Trips (District and Supreme Law Courts)
Business (VET)
(subject code VBN)

BSB30112 Certificate III in Business

Students are offered the opportunity to study at Certificate III level. Certificate III in Business will be offered as a VET subject in 2015. This course contributes eight (8) credit points towards QCE and will improve chances of tertiary entrance.

Both OP Eligible and OP ineligible students who complete Year 12 and a Certificate III will be allocated an OP equivalent as well as a Selection Rank. (For OP eligible students who also gain an OP, the higher of the two is generally used.)

Currently most Queensland tertiary institutions allocate:

- a Selection Rank of 68 and
- an OP equivalent of 15

Other benefits

- develop skills in communication, problem-solving, customer service, personal management, initiative, teamwork and technology
- a range of career pathway options including an alternative entry into university
- a direct pathway into Certificate IV and Diploma in Business
- a career-relevant course

Content

The following competencies will be covered:

<table>
<thead>
<tr>
<th>Competency</th>
<th>Competency title</th>
<th>Core / Pathway/ Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSBWHS302</td>
<td>Apply knowledge of WHS legislation in the workplace</td>
<td>C</td>
</tr>
<tr>
<td>BSBCCM301</td>
<td>Process customer complaints</td>
<td>E</td>
</tr>
<tr>
<td>BSBCUS301</td>
<td>Deliver and monitor a service to customers</td>
<td>E</td>
</tr>
<tr>
<td>BSBITU302</td>
<td>Create electronic presentations</td>
<td>E</td>
</tr>
<tr>
<td>BSBITU303</td>
<td>Design and produce text documents</td>
<td>E</td>
</tr>
<tr>
<td>BSBITU304</td>
<td>Produce spreadsheets</td>
<td>E</td>
</tr>
<tr>
<td>BSBITU306</td>
<td>Design and produce business documents</td>
<td>E</td>
</tr>
<tr>
<td>BSBITU309</td>
<td>Produce desktop published documents</td>
<td>E</td>
</tr>
<tr>
<td>BSBPUR301</td>
<td>Purchase goods and services</td>
<td>E</td>
</tr>
<tr>
<td>BSBWOR301</td>
<td>Organise personal work priorities and development</td>
<td>E</td>
</tr>
<tr>
<td>BSBWRT301</td>
<td>Write simple documents</td>
<td>E</td>
</tr>
<tr>
<td>BSBFIA301</td>
<td>Maintain financial records or</td>
<td>E</td>
</tr>
<tr>
<td>BSBITU301</td>
<td>Create and use databases</td>
<td>E</td>
</tr>
</tbody>
</table>

Work Placement

Students will also be required to complete work placement during their two-year course of study. This ensures that students obtain the necessary industry skills and experience in order to demonstrate their ability at a Certificate III level.
Diploma of Business (VET)
(subject code VBD)

BSB50215 Diploma of Business

Students are offered the opportunity to study at Diploma level through a program delivered at school by Careers Australia, an external organisation. Diploma of Business will be offered as a VET subject in 2017. This course contributes eight (8) credit points towards QCE and will improve chances of tertiary entrance and employment.

The Diploma of Business provides students with a broad understanding of contemporary business practices.

Both OP Eligible and OP ineligible students who complete Year 12 and a Diploma of Business will be allocated an OP equivalent as well as a Selection Rank. (For OP eligible students who also gain an OP, the higher of the two is generally used.)

Currently most Queensland tertiary institutions allocate:

- A Selection rank of 81
- an OP equivalent of 9

Other benefits

Careers Australia has partnered with leading universities to ensure diploma graduates can receive credits for like tertiary qualifications, reducing the time and cost of further study. The Diploma of Business can provide up to one year’s worth of credits towards a Bachelor of Business.

Content

The following competencies will be covered:

<table>
<thead>
<tr>
<th>Competency</th>
<th>Competency title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSBWOR501</td>
<td>Manage personal work priorities and professional development</td>
</tr>
<tr>
<td>BSBRSK501</td>
<td>Manage risk</td>
</tr>
<tr>
<td>BSBPMG522</td>
<td>Undertake project work</td>
</tr>
<tr>
<td>BSBFIM501</td>
<td>Manage budgets and financial plans</td>
</tr>
<tr>
<td>BSBMKG501</td>
<td>Identify and evaluate marketing opportunities</td>
</tr>
<tr>
<td>BSBMKG506</td>
<td>Plan market research</td>
</tr>
<tr>
<td>BSBHRM506</td>
<td>Manage recruitment, selection and induction processes</td>
</tr>
<tr>
<td>BSBWOR502</td>
<td>Lead and manage team effectiveness</td>
</tr>
</tbody>
</table>

Career options

Business administrator, human resources officer, marketing assistant, recruiter, project assistant/ coordinator or start your own small business.

Course fees

Course fees apply (currently $3,500) and are payable to Careers Australia up-front, per semester through a payment plan or via VET FEE-HELP.
Information Technology (VET)
(subject code VDM)

ICT20115 Certificate II in Information, Digital Media and Technology

Students have the opportunity to study Certificate II in Information, Digital Media Technology as a stand-alone VET subject. This course contributes four (4) credit points towards QCE. This course of study has a vocational orientation, but also provides opportunities for students to develop important skills which they will need in other life roles.

Pre-requisites
There are no pre-requisites for this subject.

Content
The following units of competency will be covered

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Core / Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSBWHS201</td>
<td>Contribute to health and safety of self and others</td>
<td>Core</td>
</tr>
<tr>
<td>BSBSUS201</td>
<td>Participate in environmentally sustainable work practices</td>
<td>Core</td>
</tr>
<tr>
<td>ICTICT201</td>
<td>Use computer operating systems and hardware</td>
<td>Core</td>
</tr>
<tr>
<td>ICTICT202</td>
<td>Work and communicate effectively in an IT environment</td>
<td>Core</td>
</tr>
<tr>
<td>ICTICT203</td>
<td>Operate application software packages</td>
<td>Core</td>
</tr>
<tr>
<td>ICTICT204</td>
<td>Operate a digital media technology package</td>
<td>Core</td>
</tr>
<tr>
<td>ICTWEB201</td>
<td>Use social media tools for collaboration and engagement</td>
<td>Core</td>
</tr>
<tr>
<td>ICTICT205</td>
<td>Design basic organisational documents using computer packages</td>
<td>Elective</td>
</tr>
<tr>
<td>CUFDIG303A</td>
<td>Produce and prepare photo images</td>
<td>Elective</td>
</tr>
<tr>
<td>ICTICT207</td>
<td>Integrate commercial computing packages</td>
<td>Elective</td>
</tr>
<tr>
<td>ICTICT208</td>
<td>Operate accounting application</td>
<td>Elective</td>
</tr>
<tr>
<td>ICPDMT321</td>
<td>Capture a digital image</td>
<td>Elective</td>
</tr>
<tr>
<td>ICTICT210</td>
<td>Operate database applications</td>
<td>Elective</td>
</tr>
<tr>
<td>ICTSAS206</td>
<td>Detect and protect from spam and destructive software</td>
<td>Elective</td>
</tr>
</tbody>
</table>

Assessment
Students will be assessed by in class assignments and projects on the theoretical and practical aspects of the course. The assessment for vocational competencies in the industry specific units of competency is competency-based.

Pathways Information
ICT30111 Certificate III in Information, Digital Media and Technology, or a range of other Certificate III qualifications.

Work Placement
Students will also be required to complete work placement during their two-year course of study. This experience will enhance students' readiness for work and assist them to obtain School-Based Traineeships or Apprenticeships.

Job Opportunities
This qualification provides basic digital literacy skills to support a wide range of varying industry occupations as well as in IT. Possible job titles relevant to this qualification include:

- office assistant
- records assistant
- office support
- IT support
ENGLISH

Senior English • (subject code ENG)

Queensland Curriculum and Assessment Authority Code Number 01

The study of English in Years 11 and 12 caters to a wide range of student needs.

Pre-requisites
Students who embark on the study of English must have achieved a B Standard at the completion of Year 10 at Pre-Senior English level.

Course Outline and Assessment
Students are required to read and view a range of novels, poems, plays, films, media items, documentaries and short stories.

The basis of the course is the study of how different texts (discourses) work and how they influence the perceptions and reactions of the reader / viewer / listener.

Assessment involves the completion of six (6) items per year, four (4) of which are written, and two (2) of which are spoken. A range of conditions are applicable, including tests, assignments and individual spoken tasks.

Assessment is continuous and drafting is required as students learn to be independent learners. Research is an aspect of the course as well as wide reading skills.

Four (4) semesters of study are required.

English Extension •

Queensland Curriculum and Assessment Authority Code Number 02

Pre-requisites
Mid B Standard to an A Standard is essential in Year 11 Senior English.

Course Outline and Assessment
English Extension is an extra subject offered to no more than fifteen (15) students during their Year 12 course of study in addition to the study of Senior English.

The course is aimed at those students who are aiming to continue to any faculty at University.

The focus of this subject is on student understanding and application of a range of reading strategies or practices that are informed by a range of literary theories.

In the course of study, students independently plan their own research in order to collect, analyse and organise information about reading practices.

There are three main assessment tasks comprising a number of written and oral components.
In English Extension, the teacher is the facilitator, while learning is student-driven at their own pace. Therefore, English Extension is extremely advantageous for those students who are embarking on tertiary study.

Two (2) semesters of study are required.

**English Communication ★ (subject code ENC)**

**Queensland Curriculum and Assessment Authority Code Number 6125**

**Pre-requisites**
This subject is designed for those students who have achieved C standard or below in Pre Senior English. Students who select this course are those who have experienced difficulty with the study of Pre-Senior English or those students who don’t intend tertiary study post-Year 12.

**Course Outline and Assessment**
English Communication is an Authority Registered School Subject, with a strong **workplace emphasis**. Such skills as speaking and literacy, sales, tourism, and the service industries form the basis of the course. Students are also required to complete projects involving real-life experience, reading and film study.

Assessment is continuous and requires competency across all criteria. While the subject does not require any analytical literary study, the work is quite rigorous and should not be perceived as a soft option selected in lieu of Senior English.

Assessment is divided into 60% for written tasks and 40% for oral tasks.

Four (4) semesters of study are required.
HEALTH AND PHYSICAL EDUCATION

Physical Education • (subject code PED)

Queensland Curriculum and Assessment Authority Code Number 068

Content
The senior course of study in Physical Education is a developmental subject, where practical elements and theoretical concepts from year 11 are followed up by more advanced studies in year 12. The practical activities studied will be selected from Touch, Volleyball, Athletics, and Aerobics. Through these practical activities, theoretical principles from the disciplines of the exercise sciences (sociology, exercise physiology, psychology and bio-mechanics) are applied in order to gain insights and understandings into performance improvement and sport as a meaningful cultural activity in Australian society.

The course is designed so that the theory is closely linked to, and stems from, the experiences that students are engaging in while undertaking practical activities. Work will be activity based, using recently purchased new technologies, and tied very closely to practical units. The student focus is on self-improvement over the time of the course. Students with disabilities can have success with this course because of the personal performance focus.

Physical activity is central to maintaining health, providing avenues for social wellbeing, developing one’s self image and promoting community involvement. Physical Education would interest students who are physically active, enjoy a range of sports; are involved in sport as a coach or would like to further their knowledge of the physical culture of Australia. It provides students with a foundation for those that wish to pursue a career in the following:

<table>
<thead>
<tr>
<th>Exercise and sport science</th>
<th>Sport and leisure studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Assessment and monitoring of athletic performance</td>
<td>• Sport management and marketing</td>
</tr>
<tr>
<td>• Fitness training/coaching/development</td>
<td>• Sport psychology consultants</td>
</tr>
<tr>
<td>• Exercise and sport consultants and researchers</td>
<td>• Sport and social policy advisers</td>
</tr>
<tr>
<td></td>
<td>• Sports media/sports journalism</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professional Studies</th>
<th>Exercise prescription and management</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Outdoor educators</td>
<td>• Facilitation and monitoring of training and rehabilitation of athletes</td>
</tr>
<tr>
<td>• Physical Education Teacher</td>
<td>• Health promotion through exercise management</td>
</tr>
<tr>
<td>• Community recreationists</td>
<td>• Consultancy to the fitness industry</td>
</tr>
<tr>
<td>• Sports coaching</td>
<td>• Working with sport and disability organisations</td>
</tr>
<tr>
<td>• Sport/recreation and youth workers</td>
<td></td>
</tr>
</tbody>
</table>

Pre-requisites
It is recommended that students have a minimum of C Standard in both Pre Senior Physical Education and Pre Senior English. Literacy skills are imperative, with English communication being highlighted as an incompatible subject. A high degree of physical participation is also required to complete necessary course elements.

Skills Developed
The Physical Education course develops skills that support:
• Advanced practical skill development in a range of sports and structured physical activities.
• Consistent performance in simple and complex sporting environments.
• Designing and producing quality written tasks
• Interpreting, explaining and evaluating specific topics in relation to sports.
• A wide range of key competencies for future work and life-skills: e.g. communication in team situations, group work and interpersonal skills, self-image, analytical and problem solving skills, decision making, using and applying technology.
• An overall ability to make informed lifestyle choices and apply deep understandings about sport and physical activity in the contemporary Australian context.

Assessment
Assessment is a balanced program of written examinations, multimodal presentations and research reports. Practical assessment is conducted in simple and complex environments; all combine to enable students to demonstrate quality skills, conceptual understanding and outcomes. The weighting for assessment in Physical Education is half physical activity and half theoretical.

Average Weekly Workload
The Senior Physical Education subject is delivered through a structure based on facilitated lecture presentations, focused research and practical lessons. The program is supported through an Online Classroom (Blackboard) interface, available to all students to utilise for class activities, homework and assignment tasks. Students are recommended to allocate two and three hours per week for homework and assignments.
Binnacle’s Certificate III in Sport and Recreation ‘Sport in Schools’ program is offered as a senior subject where students participate in the delivery of a range of sport activities and programs within the school. Graduates will be competent in a range of essential skills – including officiating games or competitions, coaching beginner participants to develop fundamental skills, communication and customer service in sport and using social media tools for participant engagement.

What do the students achieve?
- Certificate III in Sport and Recreation (SIS30513)
- Certificate II in Sport and Recreation (SIS20313)
- Officiating accreditation
- Coaching accreditation
- First Aid qualification and CPR certificate
- 12 QCE Credits (Cert III = 8; Cert II = additional 4)*

Skills Acquired
- Officiating games or competitions
- Coaching beginner participants to develop fundamental skills
- Communication and customer service in sport
- Using social media tools for participant engagement

<table>
<thead>
<tr>
<th>REGISTERED TRAINING ORGANISATION</th>
<th>Binnacle Training (RTO Code: 31319)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject Type</strong></td>
<td>VET Qualification</td>
</tr>
</tbody>
</table>
| **Qualification**               | SIS30513 Certificate III in Sport and Recreation  
PLUS embedded qualification: SIS20315 Certificate II in Sport and Recreation |
| **Vocational Education and Training in Schools (VETiS) initiative, funded by Queensland Government** | Binnacle Training is approved as a Pre-qualified Supplier (PQS) to deliver the Certificate II in Sport and Recreation as a VETiS funded qualification. VETiS funded by the VET investment budget is fee-free for students. Binnacle Training offers VETiS funding for eligible students/schools undertaking the Certificate II in a Sport Specialty Format whereby students undertake a sport-specific accreditation in officiating and/or coaching. The VET investment budget will only fund one employment stream qualification. Where the student chooses the Binnacle Certificate II as their one VETiS funded qualification, this ‘per participant’ fee (including any applicable sport-specific accreditation fee and Certificate III fee) is 100% waived. Please refer to the Queensland Government’s student fact sheet developed specifically for VETiS program: [http://www.training.qld.gov.au/training-organisations/funded-programs/vetis.html](http://www.training.qld.gov.au/training-organisations/funded-programs/vetis.html) |
| **Course Length**               | 2 years                              |
Binnacle’s Certificate III in Sport and Recreation ‘Sport in Schools’ program is offered as a senior subject where students participate in the delivery of a range of sport activities and programs within the school. Graduates will be competent in a range of essential skills – including officiating games or competitions, coaching beginner participants to develop fundamental skills, communication and customer service in sport and using social media tools for participant engagement.

QCE Credits: Successful completion of the Certificate III in Sport and Recreation contributes eight (8) credits towards a student’s QCE. Successful completion of the Certificate II in Sport and Recreation (embedded qualification) contributes an additional four (4) credits towards a student’s QCE.

This program also includes the following:
- First Aid qualification and CPR certificate.
- Officiating accreditation (plus optional sport-specific accreditation)
- Coaching accreditation (plus optional sport-specific accreditation)
- A range of career pathway options including an alternative entry into university.
- Direct pathway into Certificate IV in Sport and Recreation (or Certificate IV in Fitness).

ENTRY REQUIREMENTS
Students must have a passion for and/or interest in pursuing a career in the fitness and sport industries. They must have good quality written and spoken communication skills and an enthusiasm / motivation to participate in physical activity sessions. Each student must obtain a (free) ‘Working with Children’ Student Blue Card (application completed as part of enrolment process). A student’s official enrolment is unable to be finalised until their Student Blue Card has been issued.

<table>
<thead>
<tr>
<th>TOPICS OF STUDY</th>
<th>YEAR 11 (Cert II)</th>
<th>YEAR 12</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TERM 1</td>
<td>TERM 2</td>
</tr>
<tr>
<td></td>
<td>Communication in</td>
<td>Equipment use and maintenance</td>
</tr>
<tr>
<td></td>
<td>sport</td>
<td>Officiating practices</td>
</tr>
<tr>
<td></td>
<td>Health and safety</td>
<td>Conduct warm-up and cool down sessions</td>
</tr>
<tr>
<td></td>
<td>in sport</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Officiating</td>
<td></td>
</tr>
<tr>
<td></td>
<td>general</td>
<td></td>
</tr>
<tr>
<td></td>
<td>principles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TERM 1</td>
<td>TERM 2</td>
</tr>
<tr>
<td></td>
<td>Coaching</td>
<td>Deliver and evaluate programs</td>
</tr>
<tr>
<td></td>
<td>fundamental</td>
<td>Risk analysis of activities</td>
</tr>
<tr>
<td></td>
<td>movement skills</td>
<td>Facilitate groups</td>
</tr>
<tr>
<td></td>
<td>Work schedules</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Customer service</td>
<td></td>
</tr>
</tbody>
</table>

LEARNING EXPERIENCES
- Following health and safety standards in the workplace.
- Conducting sports coaching sessions
- Developing creative thinking skills.
- Providing quality customer service
- Using and maintaining sport and fitness
Bray Park State High School  2017

- Organising personal work schedules.
- Using social media tools for collaboration and engagement.
- Responding to emergency situations.
- Managing conflict
- Conducting a risk analysis
- Conduct warm-up and cool-down sessions.
- Officiating games or competitions
- Developing and updating knowledge of coaching and officiating practices.
- Industry-recognised First Aid Certificate.

**LEARNING AND ASSESSMENT**

Program delivery will combine both class-based tasks and practical components in a real sport environment at the school. This involves the delivery of a range of sport programs to real participants within the school community (high school and primary school students). A range of teaching/learning strategies will be used to deliver the competencies. These include:

- Practical tasks
- Hands-on sessions with participants
- Group work
- Practical experience within the school sporting programs [officiating and coaching games and competitions e.g. primary school sport].

Evidence contributing towards competency will be collected throughout the course. This process allows a student’s competency to be assessed in a holistic approach that integrates a range of competencies.

**PATHWAYS**

The Certificate III in Sport and Recreation will predominantly be used by students seeking to enter the sport, fitness and recreation industry as a community coach, sports coach, athlete, volunteer or activity assistant. Students may also choose to continue their study [e.g. by completing the Certificate IV or Diploma (e.g. Sport or Fitness)] with Australian Institute of Personal Trainers (AIPT) or Foundation Education for a Binnacle-exclusive price offer.

**COST**

*See VETiS funding eligibility consideration above.*

- $260.00 = Binnacle Training Fees
- $40.00 = First Aid Certificate costs
- *{TBA} Year 11 = Excursions to other outside venues to participate in and to conduct sport/fitness activities.*
- *{TBA} Year 12 = Excursions to other outside venues to participate in and to conduct sport/fitness activities.*

*Final cost and notification of these excursions will be included in the permission letter which will be distributed closer to the excursion date.*

- All texts and reprographics are provided by the school.

For further information, contact the Head of Health & Physical Education

**IMPORTANT PROGRAM DISCLOSURE STATEMENT (PDS)**

*This Subject Outline is to be read in conjunction with Binnacle Training’s Program Disclosure Statement (PDS). The PDS sets out the services and training products Binnacle Training provides and those services carried out by the 'Partner School' (i.e. the delivery of training and assessment services).*

*To access Binnacle’s PDS, visit: http://www.binnacletraining.com.au/rto.php and select ‘RTO Files’.*
HOME ECONOMICS

Home Economics ● (subject code HEC)

Queensland Curriculum and Assessment Authority Code Number 071

HOME ECONOMICS is a subject for both males and females, it no longer focuses on sewing and cooking but focuses on the areas of interest of the student.

Home Economics is an Authority Subject and contributes to a student's OP; it also strengthens, when taken with Hospitality, a student's commitment to the Hospitality industry. Job pathways through TAFE and the workplace look for commitment from students. Home Economics provides balance between theoretical understandings and practical activities. The subject empowers people to become active, informed members of society.

Content
Senior Home Economics is both a practical and theory based subject with four (4) separate semesters of work.

1. Nutrition and Food Studies - focus on nutritional knowledge and understanding that leads to individuals, families and communities making good choices in relation to food.

2. Textiles and Fashion - Creating with Textiles for home and family use with the analysis of selected textiles used for an appropriate end use.

3. Contemporary issues – focus on consumer decision making by individuals and families in relation to food choices considering environmental sustainability and individual health.

4. Individuals, families and communities, housing choices and well being.
   - Factors relating to the built environment that effects individuals and families.
   - The formation, maintenance and enhancement of positive relationships.

Skills will also be developed within Home Economics to aid students in preparation for the Queensland Core Skills Test (QCS).

Recommended pre-requisite
A “C” Standard in Pre-senior English or English Communication would be advisable to cope with the large amount of writing required in the Process Journals and Essays. Pre-senior Home Economics or Pre-senior Hospitality will be an advantage but is not necessary.

Assessment
A variety of assessment instruments will be used in order to develop a profile of the student’s ability in all aspects of the course. Research essays, process journals, exams and practical work in either food or textiles, make up the assessment instruments each semester.

Assessment is structured to be formative (practice) during year 11 and summative in year 12. This optimises student's results by giving a ‘practice run’ in year 11.

Average Weekly Workload
Practicing writing and literacy skills is the focus for homework and students can expect some each night. Assignment work and practical organisation will be ongoing during the semesters.

Relevance for Further Studies / Employment
Home Economics is advisable for entry to Home Economics teaching and Bachelor of Applied Science or Bachelor of Health.
Study of Home Economics is good preparation for a wide variety of careers: Nutritionist, Primary and Kindergarten Teaching, Hotel/Motel Manager, Chef, Food Technologist, Nursing, Fashion Design, Child Care, Consumer Adviser, Dietician, Social Work and for any occupation related to working with people.
Hospitality (VET)

SIT20316 Certificate II in Hospitality (subject code VHT)

Studying Hospitality gives students skills and abilities to make them readily employable in the diverse Hospitality Industry. Immediate benefits are in students being confident to start part-time work while still being at school. Traineeships are also available while still studying at school.

The following table describes the competencies studied during the two year course.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SITHIND002</td>
<td>Source and use information on the hospitality industry</td>
</tr>
<tr>
<td>SITXFSA001</td>
<td>Use hygienic practices for food safety</td>
</tr>
<tr>
<td>SITXWHS001</td>
<td>Participate in safe work practices</td>
</tr>
<tr>
<td>SITXCCS003</td>
<td>Interact with customers</td>
</tr>
<tr>
<td>SITHIND003</td>
<td>Use hospitality skills effectively</td>
</tr>
<tr>
<td>TLIE1005</td>
<td>Carry out basic workplace calculations</td>
</tr>
<tr>
<td>SITHFAB004</td>
<td>Prepare and serve non-alcoholic beverages</td>
</tr>
<tr>
<td>BSBWOR203</td>
<td>Work effectively with others</td>
</tr>
<tr>
<td>SITHCCC002</td>
<td>Prepare and present simple dishes</td>
</tr>
<tr>
<td>SITHCCC003</td>
<td>Prepare and present sandwiches</td>
</tr>
<tr>
<td>SITXCCS001</td>
<td>Provide customer information and assistance</td>
</tr>
<tr>
<td>SITXCOM002</td>
<td>Show social and cultural sensitivity</td>
</tr>
</tbody>
</table>

By completing the Certificate II course, students have ‘advanced standing’ when furthering their studies with other tertiary institutions.

**Work Placement**

It is mandatory for the completion of the Certificate II in Hospitality for students to complete at least **three (3) week blocks or 15 days** of work placement in the Hospitality field during their two-year course of study. This experience will also enhance students’ readiness for work and assist them to obtain School-Based Traineeships or Apprenticeships.

**Pre-requisites:**

Preferably Pre-senior Home Economics or Pre-senior Hospitality subjects studied and only those students who have a real and sustained interest in cookery and catering should consider selecting this course.

**Assessment**

<table>
<thead>
<tr>
<th>Practical work - individual and group</th>
<th>60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written tests, folio &amp; self evaluations</td>
<td>40%</td>
</tr>
</tbody>
</table>

**Average Weekly Workload**

During most weeks the students will complete a variety of tasks for homework for Hospitality these could include; in-class activities, articles for portfolios, practical cookery preparation, etc.
Special Requirements

Practical cooking is to be supplied each week unless functions or other arrangements are made. There will also be costs associated with a possible field trip each year. Aprons and tea-towels must be brought each week to meet health and safety regulations and students will not be permitted to cook if they are forgotten. Also, enclosed leather shoes are mandatory to meet Workplace Health and Safety laws.

Function Requirements

Several times across the two year course students will be required to prepare for and attend functions out of school hours. Notice will be provided in advance.

Relevance to Future Study / Employment

- TAFE course in hospitality
- Food related occupations eg. Chef, Waiter/Waitress
- Public Relations
- Hospitality Industries
- Management Courses

Vocational Outcomes of this Course

On successful completion of the competencies in Hospitality you will be able to:

- carry out skills that are necessary for working in the hospitality industry in occupations such as kitchen attendant, bar attendant, cellar-person, waiter, bus-person, food attendant, cleaner, room attendant, house attendant;
- possess skills, attitudes and knowledge that will assist you in roles specifically related to employment, for example as a student and as a citizen in general; and
- be eligible for appropriate credit into related courses offered by other training providers, for example, TAFE Queensland.
Mathematics A  •  (subject code MAA)

Queensland Curriculum and Assessment Authority Code Number 036

*Mathematics is an integral part of general education.*

Mathematics A aims to provide the opportunity for students to continue to participate fully in lifelong learning. It is recommended for students wishing to pursue further study and training in practical areas. It involves the study of:

- Financial Mathematics
- Applied Geometry
- Statistics
- Introduction to Models for Data

Skills Developed
This subject emphasises the development of positive attitudes to Mathematics by focusing on relevant and life-related learning experiences including use of technology. Throughout the course, many skills are developed:

- the knowledge and skills of computation, estimation and measurement
- simple algebraic manipulation
- interpretation and analysis of information in various forms
- judgement and decision-making based on evidence and reasoning
- communication in various formats.

Assessment
A range of assessment tasks are used to determine students’ achievements in this subject. Traditional tests are combined with Alternate Assessment, which may be written reports from practical tasks, or extended Modelling and Problem Solving Tasks.

Average Workload
Students will be required to devote 15 - 20 minutes a night to formal study, homework or assignment work.

Pre-requisites
A B standard in Core or Extension Mathematics

Compatible Senior Subjects
Mathematics A cannot be studied with any other senior Mathematics subject (unless completing the QCE Numeracy requirement).

Special Requirements
Scientific Calculator with statistical functions.
Mathematics B • (subject code MAB)

Queensland Curriculum and Assessment Authority Code Number 037

Mathematics is an integral part of general education.

Mathematics B aims to provide the opportunity for students to participate more fully in life-long learning. It is recommended for students wishing to pursue further study and training at tertiary level. It involves the study of:

- Introduction to Functions
- Rates of Change
- Periodic Functions and Applications
- Exponential and Logarithmic Functions and Applications
- Optimisation
- Introduction to Integration
- Applied Statistical Analysis

Skills Developed
It provides the opportunity for student development of:

- knowledge and skills in advanced computation and algebraic methods and procedures,
- mathematical modelling and problem solving strategies and skills,
- the capacity to justify mathematical arguments and make decisions,
- the capacity to justify and communicate about mathematics in a variety of forms.

Assessment
A range of assessment tasks are used to determine students’ achievements in this subject. Traditional tests are combined with Alternate Assessment, which may be written reports from practical tasks, or extended Modelling and Problem Solving Tasks.

Average Workload
Students will be required to devote 25 - 30 minutes a night to formal study, homework or assignment work.

Pre-requisites
A C standard in Extension Mathematics or an A/B level in Core mathematics.

Compatible Senior Subjects
Mathematics B can be studied with Mathematics C.

Special Requirements
A scientific calculator with statistical functions is essential.
Mathematics C  ●  (subject code MAC)

Queensland Curriculum and Assessment Authority Code Number 038

Mathematics C aims to provide the opportunity for students to participate more fully in life-long learning. It is recommended for students wishing to pursue further study and training at tertiary level in specialist areas. It involves the study of:

- Introduction to Groups
- Real and Complex Number Systems
- Matrices and Applications
- Vectors and Applications
- Calculus
- Structures and Patterns
- Dynamics

Skills Developed
It provides the opportunity for student development of:

- knowledge and skills in advanced computation and algebraic methods and procedures,
- mathematical modelling and problem solving strategies and skills,
- the capacity to justify mathematical arguments and make decisions,
- the capacity to communicate about mathematics in a variety of forms.

Assessment
A range of assessment tasks are used to determine students’ achievements in this subject. Traditional tests are combined with Alternate Assessment, which may be written reports from practical tasks, or extended Modelling and Problem Solving Tasks.

Average Workload
Students will be required to devote 25 - 30 minutes a night to formal study, homework or assignment work.

Pre-requisites
A C standard in Extension Mathematics or an A/B level in Core mathematics.

Compatible Senior Subjects
Mathematics C may only be studied with Mathematics B because throughout the course, certain previously learned mathematical knowledge and procedures will be required.

Special Requirements
A scientific calculator with statistical functions is essential.
Prevocational Mathematics  * (subject code PVM)

Queensland Curriculum and Assessment Authority Code Number 6140

Prevocational Mathematics provides opportunities for students to improve their numeracy to assist them in pursuing a range of vocational and personal goals. It develops not only students’ confidence and positive attitudes towards mathematics but also their mathematical knowledge and skills.

During this course of study students should:

- build confidence and experience success when using mathematics in everyday contexts.
- improve their preparedness for entry to work, apprenticeships, traineeships, or further study by developing their numeracy.
- develop skills such as using a calculator, identifying, measuring, locating, interpreting, estimating, applying, communicating, explaining, problem solving, making informed decisions, and working cooperatively with others and in teams.
- be able to organise mathematical ideas and represent them in a number of ways such as objects and pictures, numbers and symbols, rules, diagrams and maps, graphs, tables, and texts.
- be able to present findings orally and in writing.
- be able to use relevant technologies.
- be able to make informed decisions.

Assessment

Assessment items will cover a broad range of skills and reasoning processes using a range of written and non-written methods. Open ended tasks in real life situations will be included. Tests will be kept to a minimum and be open – book format.

Most assessment will be conducted in class time.

Students are encouraged to talk about what they are doing and the choices they are making.

Average Workload

Students will be required to complete all tasks to ensure success.

Compatible Senior Mathematics Subjects

No other senior Mathematics subject can be studied with Prevocational Mathematics.

Special Requirements

A Scientific Calculator with statistical functions is essential.
Ancient History • (subject code AHS)

Queensland Curriculum and Assessment Authority Code Number 020

Content
This course promotes an understanding of the ancient world and its contributions to modern society. Studies of Archaeology, the first unit, introduces students to the techniques employed in “digging up the past” and what these discoveries can reveal about the lives of our ancestors. Using an inquiry approach, students will then study a variety of ancient cultures and civilisations including Ancient Egypt, Greece and Rome. Semester 4 allows a choice of themes depending on student and teacher interest. Choices may include: Personalities in History, The Dark Ages, The Influences of Groups eg Women or Slaves in Ancient Societies, and Government and Religion in Ancient India.

Pre-requisites
Students should have achieved at least a C standard in Pre Senior English. It is preferable that students have studied and achieved a least a C standard in Pre Senior History.

Skills Developed
Students will develop the ability to:

- gather and interpret information from a variety of sources (research skills)
- develop a logical argument
- present material clearly, concisely and fluently

The research and written communication skills students learn are a valuable preparation for students who wish to undertake tertiary studies.

Assessment
Assessment will be based on a variety of test instruments; knowledge tests, essays, document tests, research assignments and seminars.

Average Weekly Workload
Students should be prepared to devote at least two hours a week to reading of the text and other books, homework tasks and assignments.

Special Requirements
Students may be required to undertake trips with relevance to the course of study. Approximate cost $20.
Modern History  ●  (subject code MHS)

Queensland Curriculum and Assessment Authority Code Number 021

Content
Modern History uses inquiry based learning to equip students with critical thinking skills and, at the same time, gives them a background of knowledge which enables them to better understand the modern world. The course of study will follow these themes:

- **National History**: Students will study how Australians have been affected by war (WWI, WWII) and other significant events and changes in the history of our nation.
- **Studies of Conflict**: Students will study important conflicts of the twentieth century (The Cold War, Vietnam, War on Terror) and their military, political, social and cultural causes, effects and repercussions.
- **Studies of Power**: Power both within and between nations, individuals, movements.
- **Studies of Diversity**: Reconciliation, multiculturalism and intolerance eg. Apartheid, Racism in the US etc.

Pre-requisites
Students should have achieved at least a C standard in Pre Senior English. It is preferable that students have studied and achieved a least a C standard in Pre Senior History.

Skills Developed
Students will develop skills in the following areas:

- research skills
- interpretation and analysis of evidence
- evaluation of information
- written and oral expression

The skills acquired in Modern History form a good basis for careers in the following areas: Journalism, Publishing, Politics, Teaching, The Public Service, Cultural Activity and Social Work.

Assessment
Assessment will be based on a variety of test instruments; Short Response tests, Stimulus Response tests, essay tests and multi-modal presentations.

Average Weekly Workload
Students should be prepared to devote at least two hours per week to extra reading, homework tasks and assignments.

Special Requirements
Students may be required to undertake trips with relevance to the course of study. (approximate cost $15.00)
Social and Community Studies *(subject code SCS)*

**Queensland Curriculum and Assessment Authority Code** 6241

Social and Community Studies or SCS is a **Senior Authority Registered Subject**, the study of which contributes to a QCE (Queensland Certificate of Education) on Exit in Year 12, but **NOT to an O.P.** The subject, therefore, is suited to those students who are interested and enjoy History and Geography, but are not planning on going to university and don’t need an OP.

Units of work are designed around developing life skills: personal skills, interpersonal skills and citizenship skills. Students will adopt an investigative approach, with lots of real life case studies, practical work and hands on activities.

**Electives of study could include:**

- Into relationships
- Australia’s Place in the World
- Legally it could be you
- Money management
- Gender and Identity
- Arts and the Community
- Health, Recreation and Leisure
- Science and technology

**Skills Developed**

- Conflict resolution and mediation skills
- Group and team work
- Communication
- Decision making

**Assessment**

Assessment in Social and Community Studies is practical in nature and will include:

- Investigations
- Short response Items or tests
- Extended Written Response eg letters, expositions, pamphlets, journals and posters
- Community Project eg organisation of a Health and Well Being Expo, development of a community Art Project.

**Average Weekly Workload**

3 lessons a week of class time and practical work plus extra time spent on homework, revision and assignments.

**Special Requirements**

Field trips, work visits and guest speakers will be integrated into the program where ever possible. Experiences could include visits to the law courts, guest speakers from the Commonwealth bank, self defence talks or courses and training in conflict resolution.
Geography ● (subject code GEG)

Queensland Curriculum and Assessment Authority Code Number 024

Content
This course looks at natural and human-made environments and examines the interactions of people and these environments. The course will be based on the following themes:

1. **Managing the Natural Environment:**
   - Responding to Natural Hazards
   - Managing Catchments
   - Managing Glacial and Polar Environments

2. **Social Environments:**
   - Sustaining Communities
   - Town Planning
   - Growth of Mega-cities

3. **People and Development:**
   - Global Inequalities
   - Population Growth, food production and security
   - Exploring the Geography of Disease eg. Spread of HIV Aids.

4. **Resources and Environment:**
   - Living with Climate Change
   - Sustaining Biodiversity in the local area and in National parks eg Great Barrier Reef

Pre-requisites
Students need to have achieved at least a C standard in Pre Senior English. It is preferable that students have studied Maths A or B and Geography in either year 9 or 10.

Skills Developed
Students should develop the ability to:

- gather and record information from a variety of sources including fieldwork
- analyse and apply information
- make decisions after evaluating evidence
- report findings using written, oral and graphic forms

Assessment
Assessment will be based on a variety of test instruments, class tests, research assignments, practical exercises and field reports.

Average Weekly Workload
Students should be prepared to devote at least two hours a week to reading of the text and other books, homework, tasks and assignment work.

Special Requirements
A field trip per semester is a compulsory part of this course, the entry cost of which is included in the subject fee.
SCIENCE

Biology • (subject code BSC)

Queensland Curriculum and Assessment Authority Code 042

“It’s all about staying alive long enough to reproduce.”

Content
Biology is concerned with the study of the phenomena of life in all its manifestations. The syllabus is built upon three basic underlying principles:

- Survival and Reproduction
- Structure and Function
- Continuity and Change

There are 6 Key Concepts derived from these principles which provide the basis for the two year course of study.

There are 26 Key Ideas flowing from the key concepts that provide the depth and scope for the units of work that students will study.

Pre-requisite
It is required that Year 10 students at Bray Park achieve at least a C standard in ACARA Science, and / or in a Living Science Extension Elective.

Skills Developed

- Creative scientific thinking and problem solving skills
- Research, analysis and communication skills
- Field investigation, analysis and communication skills
- Extended experimental design, investigation and communication skills

Assessment
The assessment program will include a variety of assessment techniques, which are integrated with the learning experiences. The achievement level awarded each student on exit from the course will be based on the fullest and latest information about student performance equally across the dimensions of:

- Understanding biology
- Investigating biology
- Evaluating biological issues

Average Weekly Workload
About 3 hours per week including a combination of both theory and practical classwork. A similar amount of time should be spent on homework, assignments and preparation for and review of classwork, with additional study time devoted to preparation for exams.

Special Requirements and Subject Costs
There will be 2 compulsory Year 11 Field Study Camps and Excursions, to satisfy the course requirement of a minimum of ten hours committed to actual field work. It is estimated that the cost of the Field Trip to Mount Glorious will be $25 but will be free for members of the Bray Park Bus Transport Scheme (BTS). Similarly the estimated total cost for the Currimundi Camp is $170.00 or $130 for Bray Park BTS participants.
Content
Chemistry is the contextualised study of matter and its interactions. The students will learn about the applications of Chemistry and their industrial and economic importance. They will also be exposed to chemical issues relating to society and to recent developments and discoveries in Chemistry. Students will study chemical concepts and see how they relate to real world applications, such as the management of the planet’s limited resources.

Pre-requisites
Students need to achieve at least C standards in; Pre Senior Mathematics “A” or Mathematics “B”, ACARA Science and / or a Science Extension Elective, to take this subject.

Skills developed within the subject
Students will participate in a wide range of practical activities to develop their ability to think and solve life-related problems. This includes a unit on wine making. The practical experiments are designed to develop basic laboratory skills and to acquaint students with workplace health and safety practices when dealing with chemicals. Students also have the opportunity to enter the QUT Titration competition, held every year at Gardens Point Campus.

Assessment
Students will be given the opportunity to display achievement of the course objectives through a variety of assessment instruments including:

- Supervised assessments in the form of written exams.
- Extended Experimental Investigations (EEI's), carried out by the students and described in a written scientific report.
- Extended Written Responses to particular topics or stimulus materials.

Average Weekly Workload
About 3 hours per week will be spent on class/laboratory work. Students should devote at least 1½ / 2 hours per week working problems or preparing for practical lessons.

Special Requirements and Subject Costs
A field trip to South Pine Dam in Semester 1 of Year 11 is a compulsory part of this course to fulfil field work requirements. It is estimated that the cost will be $15 for students not in the Bray Park Bus Transport (BTS) scheme and free for those in the BTS scheme.
In Year 12 students make wine from fruit as part of an Extended Experimental Investigation (EEI). There is a small cost attached to this of about $5-$10 to buy a fruit juice of their choice.
Science in Practice *(subject code SIP)*

Queensland Curriculum and Assessment Authority Code 6248

This **Study Area Specification** (SAS) in science is a **Senior Authority Registered Subject**, the study of which contributes to a **QCE** (Queensland Certificate of Education) on Exit in Year 12, but **NOT** to an **O.P.** The subject, therefore, is suited to those students who have an interest in science, but do not wish to pursue science at university or need it for an O.P.

**SIP** will introduce a new work program next year which will be very similar to the current one. The subject is very practical and linked to science experiences in the work place. SIP suits a variety of students, including non OP students who have an interest in science, those less academically minded students who are on a vocational path and may want to work in the service industries, take up an apprenticeship or who simply want to continue the study of science in their senior schooling.

Units of work revolve around 5 course organisers with a predominantly investigative approach;
- Science for the workplace
- Resources, energy and sustainability
- Health and lifestyles
- The Environment
- Discovery and change

**Pre-requisite**
There are no pre-requisites study requirements for SIP, as all Year 10 students at Bray Park should have completed the ACARA Core science course and some may also have studied an Extension Science Elective.

**Skills Developed**
- Creative scientific thinking and problem solving skills
- Research, analysis and communication skills
- Field investigation and analysis
- Experimental design, risk assessment, investigation and communication skills

**Assessment**
The assessment program will include a variety of assessment techniques, which are integrated with the learning experiences. The achievement level awarded each student on exit (A-E) from the course will be based on the fullest and latest information about student performance equally across the dimensions of:
1. Knowing and Understanding
2. Analysing and Applying
3. Planning and Evaluating

**Average Weekly Workload**
About 3 hours per week including a combination of theory and practical class work, plus time should be spent on homework, revision and assignments.

**Special Requirements and Subject Costs**
Students will attend field excursions and work visits during the 2 year course to satisfy the requirement of a minimum of ten hours committed to actual field work. Estimated costs for these depend on whether the students are in the Bray Park Bus Transport scheme (BTS) or not. These include in Year 11, a trip to the 4X Brewery at Milton with costs of non BTS students $30 and BTS students $20. There are 2 Trips to Nudgee Beach EEC for a Mangrove Study in Year 11 and also a Fisheries Investigation in Year 12. Each is estimated as; $20 non BTS and $8 BTS students.
Employment opportunities within this area include: laboratory manager / horticulturalist, animal breeder / wildlife ranger, hairdresser / apprenticeships, traineeships and trades, environmental health officer / enrolled nurse / dispensing assistant, dental assistant / technician / hygienist / fitness instructor, gardener / pest and weed controller / green keeper, fisheries inspector / aquaculture technician / park ranger, conservation worker / ecotourism guide, miner (open-cut and underground) & museum guide.

IF STUDENTS CHOOSE SIP, THEY SHOULD NOT SELECT ANOTHER SCIENCE SUBJECT IN THEIR SUBJECT CHOICES. IT IS A STAND ALONE SCIENCE ELECTIVE.
Physics ● (subject code PHY)

Queensland Curriculum and Assessment Authority Code Number 041

Content
Physics is a fundamental science in that its principles are used to varying extents in other science disciplines. It is more mathematical than other sciences and students can expect to use concepts from mathematics subjects while studying Physics.

Core topics studied in the Physics course include: Physical Quantities and Measurement, Forces and Motion, Energy and Momentum, Thermal Physics, Wave Motion, Optics, Electricity and Electronics, Magnetism and Electromagnetism, Atomic and Nuclear Physics.

Pre-requisites
Students need to achieve at least C standards in Pre Senior Mathematics “A” or Mathematics “B”, ACARA Science and / or a Science Extension Elective, to take this subject.

Skills Developed within the Subject
Each student will be expected to develop manipulative skills in practical work and to learn the correct care and operation of precision equipment. Laboratory safety is of prime importance in the use of all physics equipment, especially where electrical topics are studied.

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.

Typical learning experiences encountered in the physics course include: demonstration / lecture, problem-solving sessions, audiovisual observation and analysis, laboratory activities and experiments, written and oral reports, computer simulations as well as independent study and library research.

Assessment
Outcomes are determined through:

- Supervised written assessments in the form of exams which include multiple choice questions, short answers and extended written responses.
- Extended Experimental Investigations (EEI’s) in which students design and carry out experimental investigations over a period of time and formalise in a written report.
- Extended Response Tasks (ERT’s) which could include assignments, reports or multimodal presentations.

Average Weekly Workload
Practical and classroom time will be about 3 hours per week. Students will be required to devote at least 20-30 minutes per night to formal study/set homework.

Special Requirements and Subject Costs
There will be a mandated Field Trip to Dream World in Year 11 and an optional visit in Year 12, to satisfy the course requirement of set minimum hours committed to actual field work. The estimated cost is $60 for students not in the Bray Park Bus Transport (BTS) scheme and $35 for those in the BTS scheme.
Senior Graphics  ● (subject code GPH)

Queensland Curriculum and Assessment Authority Code Number 076

Content
Senior Graphics is a Queensland Curriculum and Assessment Authority subject and as such can be used in the procedure to calculate eligibility for entry to tertiary institutions.

Students study a range of drawing forms, embracing plane shapes and three dimensional objects and shapes. Using basic understanding of projection, development, standards of drafting and presentation, students learn to solve problems associated with engineering, architecture and surveying.

Recommended Pre-requisites
A “C” Standard in Pre-senior English and Pre-senior Maths A and/or B is recommended to assist in the large amount of written work and mathematical based exercises. It is also an advantage that students have studied Pre-senior Graphics.

Skills Developed
Close attention to instructions in class will help to reduce additional study. Work not completed in class time will have to be finished in a student's own time.

Assessment
Assessment is based on knowledge and ability to communicate knowledge by the use of drafting skills. Formal tests, assignments, classwork and homework form the basis of assessment.

Average Weekly Workload
It is expected that all students spend time at home on a regular basis studying the work covered in class. This time is apart from that spent on homework and assignments set by our teaching staff.

Special Requirements
Students are required to supply their own drawing equipment which includes pencils, erasers, a set square, drawing clips, flexible curves and a good quality drawing instrument set (compass set). The cost of this equipment will vary depending on perceived needs of each individual student. Refer to the Stationery List for further information.

Special equipment such as shades and rendering equipment, stencils, templates and textbooks will be supplied from the School's Resource Hire Scheme.

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Engineering Manufacturing (VET) (subject code VEN)

MEM10105 Certificate I in Engineering

Content

Students are able to obtain Certificate I in Engineering if successful in completing all required competencies.

Mandatory Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEM13.14A</td>
<td>Apply principles of occupational health and safety in the work environment</td>
</tr>
<tr>
<td>MEM14.4A</td>
<td>Plan to undertake a routine task</td>
</tr>
<tr>
<td>MEM15.24A</td>
<td>Apply quality procedures</td>
</tr>
<tr>
<td>MEM16.7A</td>
<td>Work with others in a manufacturing, engineering or related environment</td>
</tr>
</tbody>
</table>

Specialisation Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEM05003B</td>
<td>Perform soft soldering</td>
</tr>
<tr>
<td>MEM05004C</td>
<td>Perform routine oxy-acetylene welding</td>
</tr>
<tr>
<td>MEM05005B</td>
<td>Carry out mechanical cutting</td>
</tr>
<tr>
<td>MEM05006B</td>
<td>Perform brazing and/or silver soldering</td>
</tr>
<tr>
<td>MEM05007C</td>
<td>Perform manual heating and thermal cutting</td>
</tr>
<tr>
<td>MEM05012C</td>
<td>Perform routine manual metal arc welding</td>
</tr>
<tr>
<td>MEM07032B</td>
<td>Use workshop machines for basic operations</td>
</tr>
<tr>
<td>MEM11.11B</td>
<td>Undertake manual handling</td>
</tr>
<tr>
<td>MEM18.1C</td>
<td>Use hand tools</td>
</tr>
<tr>
<td>MEM18002B</td>
<td>Use power tools/hand held operations</td>
</tr>
</tbody>
</table>

Course Structure

Through the production of various items using metal manipulation, the competencies will be achieved over two years. The Queensland Certificate of Education will show the Certificate obtained or the competencies which students have proven their competence in.

Work Placement

Students will be required to complete at least 2 weeks of work placement during their two-year course of study. This experience will enhance students’ readiness for work and assist them to obtain School-Based Traineeships or Apprenticeships.

Pre-requisites

Nil but students who have studied Engineering in the Middle School would have an advantage over students who have not.

Assessment

Assessment for this certificate course is competency-based, through the completion of theory-based workbooks focusing on units of competency.

Average Weekly Workload

Approximately 1 hour per week should be used studying related theory and preparing for workshop activities.

Bray Park State High School 2017
Special Requirements
All students must wear correct footwear (solid uppers) in the workshop. Protective equipment such as face shields and ear protection will be supplied by the school. The purchase of personal protective equipment such as safety glasses and ear muffs would be of benefit to the student. Students wearing formal uniform in the workshop, should bring a shirt or overalls to protect their uniform. Aprons are supplied.

Textbooks will also be supplied from the School's Resource Hire Scheme.

Future Employment Opportunities
- TAFE Course in Engineering
- Fitter and Turner
- Tool Maker
- Aircraft Maintenance
- Engineering
- Sheet Metal Worker
- Boat Making

Bray Park State High School
Furniture Making (VET) (subject code VFG)

MSF20313 Certificate II in Furniture Making

Content

**Furnishing** is a Certificate II Course with units of competency embedded.

Students are able to obtain Certificate II in Furniture Making if successful in completing all required competencies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSF20313</td>
<td>Certificate II in Furniture Making</td>
</tr>
<tr>
<td>MSFFM2001</td>
<td>Use furniture making sector hand and power tools</td>
</tr>
<tr>
<td>MSMUP102</td>
<td>Communicate in the workplace</td>
</tr>
<tr>
<td>MSFGN2001</td>
<td>Make measurements and calculations</td>
</tr>
<tr>
<td>MSMSUP106</td>
<td>Work in a team</td>
</tr>
<tr>
<td>MSMENV272</td>
<td>Participate in environmentally sustainable work practices</td>
</tr>
<tr>
<td>MSFFF2004</td>
<td>Prepare surfaces for furnishing</td>
</tr>
<tr>
<td>MSFFM2002</td>
<td>Assemble furnishing components</td>
</tr>
<tr>
<td>MSFFM2003</td>
<td>Select and apply hardware</td>
</tr>
<tr>
<td>MSFFM2005</td>
<td>Join solid timber</td>
</tr>
<tr>
<td>MSFFM2006</td>
<td>Hand make timber joints</td>
</tr>
<tr>
<td>MSFFM2010</td>
<td>Set up, operate and maintain basic static machines</td>
</tr>
<tr>
<td>MSMSUP240</td>
<td>Undertake minor maintenance</td>
</tr>
<tr>
<td>CPCCOHS1001A</td>
<td>Work safely in the construction industry</td>
</tr>
</tbody>
</table>

The course offered is **practical** in nature and oriented towards employment but may interest others wishing to acquire leisure time skills for later life.

Course Structure

The Queensland Certificate of Education or Senior Statement will show the Certificate obtained or the units of competency in which students have proven their competence.

Work Placement

Students also will be required to complete work placement during their two-year course of study. This experience will enhance students’ readiness for work and assist them to obtain School-Based Traineeships or Apprenticeships.

Assessment

Assessment for these certificate courses is competency-based.

Special Requirements

All students must wear correct footwear (solid uppers) in the workshop. Protective equipment such as face shields and ear protection will be supplied by the school. The purchase of personal protective equipment such as safety glasses and ear muffs would be of benefit to the student. A shirt or overalls to cover formal uniforms would be a benefit. Aprons are supplied.

Future Employment Opportunities

<table>
<thead>
<tr>
<th>TAFE Course in Furnishings</th>
<th>Cabinet Maker</th>
<th>Furniture Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shop Fitter</td>
<td>Furniture Repairer</td>
<td></td>
</tr>
</tbody>
</table>
Automotive Studies (VET)
(subject code VAT)

AUR10112 Certificate I in Automotive Vocational Preparation

Content
The Automotive industry encompasses a broad range of employment opportunities. Currently in Queensland, employment opportunities are high for the Automotive Industry and this is particularly evident in the Pine Rivers Shire.

Students are able to obtain Certificate I in Automotive Vocational Preparation if successful in completing all required competencies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUR10112</td>
<td>Certificate I in Automotive Vocational Preparation</td>
</tr>
<tr>
<td>AURLTA1001</td>
<td>Apply automotive mechanical system fundamentals</td>
</tr>
<tr>
<td>AURAEA1001</td>
<td>Identify environmental requirements in an automotive workplace</td>
</tr>
<tr>
<td>AURTTA1003</td>
<td>Use and maintain basic measuring devices</td>
</tr>
<tr>
<td>AURETR1003</td>
<td>Apply automotive workplace safety fundamentals</td>
</tr>
<tr>
<td>AURTTE1003</td>
<td>Remove and tag engine system components</td>
</tr>
<tr>
<td>AURTTK2002</td>
<td>Use and maintain workplace tools and equipment</td>
</tr>
<tr>
<td>AURETR2006</td>
<td>Carry out soldering of electrical wiring and circuits</td>
</tr>
</tbody>
</table>

The Queensland Certificate of Education will show the Certificate obtained or the units of competency obtained if not the full certificate.

Work Placement
Students will be required to complete at least 2 weeks of work placement during their two-year course of study. This experience will enhance students’ readiness for work and assist them to obtain School-Based Traineeships or Apprenticeships.

Pre-requisites
Literacy and numeracy skills are necessary to complete the book work and practical parts of the course. Students must have a keen interest in the Automotive Industry.

Assessment
There will be theory workbooks to complete for each Unit of Competency, plus practical work. Theory must be 100% accurate and several attempts can be made to reach this level of accuracy. All units must be completed to get the Certificate.

Special Requirements
Students will be required to wear leather covered shoes and have long hair tied back.

Future Employment Opportunities
TAFE Course in Automotive Car or Bike Mechanics Tyre Fitter
Aircraft Mechanics Engineering