Year 11-12
CURRICULUM GUIDE
2016 - 2017
Useful Links from Job Guide 2015:

www.abc.net.au/acedayjobs  Online videos about people who enjoy their work.

www.australianapprenticeships.gov.au  An Australian Government site all about apprenticeships and traineeships - what they are, and how to find one.


www.career.edu.au  An Australian Government initiative designed for parents and career practitioners to access career development learning opportunities.

www. enquiry.org.au  Promotes the active participation of young people in business.

www.grouptraining.com.au  Information about Group Training Organisations that take on Australian Apprentices, loaning them to 'host' employers.

www.hobsonscoursefinder.com.au  A comprehensive database of courses, careers and education institutions, as well as ratings and rankings which help students choose between them.

www.myfuture.edu.au  Provides current career information, articles and links to resources to assist young people on their career journey.

www.skillsinfo.gov.au  Provides industry skills information, including employment data and links to information on employment, careers, skill needs, and training.

studyassist.gov.au  Provides information for prospective and continuing Australian higher education students on the schemes available to help pay university fees and contributions, available scholarships and more.

training.gov.au  Training.gov.au (TGA) is the official National Register of information on Training Packages, Qualifications, Courses, Units of Competency and Registered Training Organisations (RTOs).

Other useful links:

- QTAC - Queensland Tertiary Admissions Centre
- Study Assist
- QCAA - Queensland Curriculum and Assessment Authority
- Student Connect - QCAA

Disclaimer:

In order to run the courses shown in this booklet, the school must have certain teachers and equipment. If the school cannot access these human and physical resources, the school will attempt to provide students with alternative opportunities to complete the course/s and the related qualification (if applicable). The school retains the right to cancel the course if it is unable to meet the necessary requirements.
### ACADEMY SUBJECT INFORMATION

<table>
<thead>
<tr>
<th>Academy Platform</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CREATIVE INDUSTRIES and DESIGN ACADEMY</strong></td>
<td>English, Drama, Dance Studies, Drama Studies, Music / Music Extension / Music Studies, Visual Art Studies, Graphics, Information Technology Systems, Cert II in Information, Digital Media &amp; Technology (ICA20115)</td>
</tr>
<tr>
<td><strong>ENTERPRISE and PRODUCTION ACADEMY</strong></td>
<td>Business Management, Economics, Certificate II in Business (BSB20115), Hospitality Studies, Hospitality Practices, Engineering, Furnishing</td>
</tr>
<tr>
<td><strong>INNOVATION and ENVIRONMENT ACADEMY</strong></td>
<td>Mathematics C, Physics, Biology, Chemistry, Marine Science, Science in Practice, Aquatic Practices</td>
</tr>
<tr>
<td><strong>SOCIETY and HEALTHY LIFESTYLES ACADEMY</strong></td>
<td>Geography, Modern History, Legal Studies, French, Tourism, Social and Community Studies, Early Childhood Studies, Physical Education, Step-Up Uni, Certificate III in Fitness (SIS30310), Recreation</td>
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</tbody>
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### OPTIONAL EXTERNAL COURSES

<table>
<thead>
<tr>
<th>Courses</th>
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<tr>
<td>Certificate III in Fitness (SIS30310)</td>
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<td>Recreation</td>
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Clontarf Beach State High School aims to provide pathways for our students’ future careers

At Clontarf Beach State High we are strongly committed to providing students in their Senior Phase of Learning (Years 10 to 12) with a positive pathway towards their future career. Our curriculum structures are geared towards your student’s future success by enabling your student to engage in a course of study which has a strong academic core as well as a vocational focus.

Our student pathways
At the core of Clontarf Beach State High School is the student pathways program. The student pathways program allows students in Years 11 and 12 to discover a range of pathways so they can make appropriate choices regarding their post-school career.

The major student pathways are:
- Professional -- University pathway
- Para professional -- TAFE Diploma/ Training pathway
- Trade / Technical --Apprenticeship / Traineeship pathway
- Skilled -- Fulltime work pathway

These pathways are strongly aligned to the Senior School structure of Five Academies:
- Innovation and the Environment Academy
- Enterprise and Production Academy
- Society and Healthy Lifestyles Academy
- Creative Industries and Design Academy
- Pathway Platform Academy - English and Maths

The senior subjects and other associated courses described in this guidebook for Year 11 and 12 students have been organised into these major academy Future Pathways.

Clontarf Beach State High provides a flexible timetable structure which assists students by permitting them to pursue a range of extra-curricular courses or training, regardless of which day of the week they may need to attend these options.

Each pathway is fully supported by our teaching staff, curriculum and resources to give your student the best possible outcome. We have accessed an extensive range of academic and vocational pathways that are supported by strong links with Universities, TAFE, local businesses, job networks and community organisations. Through these links, we aim to assist all students towards a successful future pathway.

TYPES of School- based SENIOR SUBJECTS

<table>
<thead>
<tr>
<th>Subject category</th>
<th>Outline</th>
<th>Career pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authority subjects</td>
<td>Contribute to an OP for entrance into University courses. Each subject contributes 4 credits towards a QCE if a Sound Achievement or better is attained.</td>
<td>University Degree</td>
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<tr>
<td></td>
<td></td>
<td>TAFE Diploma</td>
</tr>
<tr>
<td>Authority- registered subjects</td>
<td>Do Not Contribute to an OP. These subjects have substantial components of vocational education or practical elements. Each subject contributes 4 credits toward a QCE if a Sound Achievement or better is attained. These subjects help support vocational pathways.</td>
<td>Tertiary training institutions e.g. TAFE</td>
</tr>
<tr>
<td>Vocational Education Training (VET) Courses</td>
<td>Do Not Contribute to an OP. These courses give students a head start to a career and the skills gained may also be credited towards future apprenticeships, traineeships and training courses. For example a completed Certificate II course will contribute 4 credits towards a QCE and a completed Certificate III will usually contribute 8 points.</td>
<td>Apprenticeships</td>
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<td></td>
<td></td>
<td>Traineeships</td>
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<td></td>
<td></td>
<td>Full-time work</td>
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</tbody>
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Working towards a QCE

About the QCE

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

How the QCE works

To achieve a QCE a student needs 20 credits in a set pattern.
- At least 12 credits must come from completed Core courses.
- Additional 8 credits can come from a combination of any courses.
- Students must achieve a Sound, Pass or equivalent to receive QCE credits.
- Literacy and numeracy requirements must be met (see opposite).

Planning a QCE pathway

QCE planning usually starts in Year 10.
- A Senior Education and Training (SET) Plan is developed to map a student’s future education and/or employment goals and their QCE pathway.
- Learning options include senior school subjects, vocational education and training, apprenticeships and traineeships, university subjects completed while at school, recognised workplace learning, certificates and awards.
- Students choose their own QCE pathway — there are hundreds of possible course combinations.
- Students can plan their QCE pathway and track their progress towards a QCE in their learning account on the Student Connect website at www.studentconnect.qcaa.qld.edu.au

For more information

There are a number of ways a student can gain a QCE.

The QCE Handbook provides information about:
- credit for partial completion of courses of study
- credit transfer for intrastate, interstate and overseas transfers
- conceded semesters for subjects exited at a Limited Achievement
- student learning accounts
- relaxation of completed Core requirements
- notional Sound in a subject for meeting literacy and numeracy requirements
- recognised studies.

Visit www.qcaa.qld.edu.au for a copy of the handbook

Literacy and numeracy requirements

The QCE offers students a range of options to satisfy the literacy and numeracy requirements, including:
- at least a Sound Achievement in one semester of a QCAA-developed English and Mathematics subject
- at least a Sound Achievement in QCAA-developed short courses in literacy and numeracy
- a Pass grade in a literacy and numeracy course recognised by the QCAA
- at least a C on the Queensland Core Skills (QCS) Test
- at least a 4 for an International Baccalaureate examination in English and Mathematics
- completion of FSJ20113 Certificate II in Skills for Work and Vocational Pathways
- completion of a VET course in Core Skills for Employment and Training — Communication, i.e. 39282QLD (Certificate I) or 39283QLD (Certificate II)
- completion of a VET course in Core Skills for Employment and Training — Numeracy, i.e. 39288QLD (Certificate I) or 39289QLD (Certificate II)
Clontarf Beach State High School
Subject Selection Structure - 2016, Year 11 Subject Selection

Number of Lines: 6
Additional Preferences: 4

Mandatory KLAs: English, Mathematics

Student Instructions:
1. Select one subject from lines 1 to 6 and one reserve subject from each of lines 1, 2, 3 and 6. Mark your first choice with a tick and your reserve with an ‘R’. Non-OP Subjects are marked with ‘*’.
2. Mathematics C will be offered and will be run during before or after school classes. It can be selected from any of lines 1, 2 and 3.
3. Students wishing to study OP subjects must have a ‘B’ in that subject or a related subject on their Semester 1 report.
4. All students wishing to be OP eligible must choose six OP subjects, including one of Geography, Chemistry or Economics on Line 5. Our school has made the decision to make one of these subjects compulsory for all OP students on the advice of university performance specialists. These three subjects represent the best field position and are considered to be essential for our students.
5. Please bring this information to your SETP interviews later in the term.

<table>
<thead>
<tr>
<th>Line 1</th>
<th>0 Business Management</th>
<th>0 Certificate II in Information, Digital Media and Technology</th>
<th>0 Dance Studies</th>
<th>0 * Certificate III in Fitness Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 French</td>
<td>0 * Furnishing Studies (4 Sem)</td>
<td>0 Graphics</td>
<td>0 * Drama Studies</td>
</tr>
<tr>
<td></td>
<td>0 Hospitality Studies</td>
<td>0 Mathematics C</td>
<td>0 Physical Education</td>
<td>0 Legal Studies</td>
</tr>
<tr>
<td></td>
<td>0 * Tourism Studies</td>
<td>0 * Visual Art Studies</td>
<td></td>
<td>0 * Recreation</td>
</tr>
</tbody>
</table>

| Line 2 | 0 Biology              | 0 * Certificate III in Fitness Systems                     | 0 Music        | 0 * Drama Studies                     |
|        | 0 * Hospitality Practice | 0 Information Technology Systems                            | 0 Social and Community Studies | 0 Marine Science                     |
|        | 0 Mathematics C        | 0 * Social and Community Studies                            |                | 0 * Recreation                        |
|        | 0 * Social and Community Studies | 0 Science in Practice                                     |                |                                      |

| Line 3 | 0 Ancient History      | 0 Certificate II in Business                                 | 0 Drama        | 0 * Recreation                        |
|        | 0 * Furnishing Studies (4 Sem) | 0 Hospitality Practice                                     | 0 Marine Science |                                      |
|        | 0 Mathematics C        | 0 Physics                                                   |                |                                      |
|        | 0 * Science in Practice | 0 * Science in Practice                                     | 0 * Recreation |                                      |

| Line 4 | 0 Mathematics A        | 0 Mathematics B                                            | 0 * Prevocational Mathematics                             | 0 * Engineering Studies (4 Sem) |
|        | 0 English              | 0 * English Communication                                   |                |                                      |

| Line 5 | 0 * Aquatic Practices | 0 * Certificate II in Business                                 | 0 Chemistry    | 0 * Engineering Studies (4 Sem) |
|        | 0 * Early Childhood Studies | 0 Economics                                                |                |                                      |
|        | 0 Geography            | 0 * Music Studies                                          |                |                                      |
DEVELOPING THE SENIOR EDUCATION & TRAINING (SET) PLAN

Students will be guided through a decision-making process in developing their SET Plan. Students should also discuss all issues and intended pathways with parents/guardians as they work towards completing their SET Plan. The process of completing the SET Plan may include, but is not limited to the following areas:

1. Investigating and considering a range of issues which may impact on their senior course selections including:
   - Their past results
   - Activities they enjoy
   - How they think they best learn
   - General career aspirations

2. Accessing career information so they can respond to those issues identified above – including prerequisite subjects and field positions required for post-secondary study. (Refer to guide produced by Queensland Tertiary Admissions Centre - QTAC).

3. Accessing information on learning opportunities available in the Senior Phase of Learning and planning a learning pathway leading to a Queensland Certificate of Education (QCE).

4. Discussing their intended pathway with school support staff.

5. Discussing intended pathways with parents.

NB: A student’s SET Plan will not be accepted until a parent/guardian has signed the agreed plan after a compulsory Senior enrolment interview at the school in Term 3.

Field Positions Disclaimer: Most universities endeavour not to have a mid-range cut-off however for some competitive course some universities may need to have a mid-range cut-off therefore will take field positions into account. NB. In 2015, this occurred in 1% of all courses offered through QTAC.
QUEENSLAND CERTIFICATE OF INDIVIDUAL ACHIEVEMENT (QCIA) – Eligible students need to make an appointment with the Special Education Unit

The Queensland Certificate of Individual Achievement (QCIA) recognises the achievements of students who are on individualised learning programs. To be eligible, students must have impairments or difficulties in learning that are not primarily due to socioeconomic, cultural or linguistic factors. The certificate is an official record that students have completed at least 12 years of education, and provides students with a summary of their skills and knowledge that they can present to employers and training providers.

The QCIA records the student’s educational achievement in two areas:

The **Statement of Achievement** provides descriptions of the student’s demonstrated knowledge and skills in areas of study and learning; communication and technologies; community, citizenship and the environment; leisure and recreation; personal and living dimensions; and vocational and transition activities.

The **Statement of Participation** lists activities that a student has undertaken, for example, community-based learning, work placement or work experience, extra-curricular activities, community access programs or mentor programs with employers. Completed modules or competencies in vocational education and training are recorded on the student’s Senior Statement and can contribute towards the Queensland Certificate of Education.

**Guidelines for General Enrolment in Year 11**

Before enrolling in a senior course of study at Clontarf Beach State High School all students should meet the following requirements:

- To undertake an OP course, students should achieve a “B” or better in English and most of their other Year 10 subjects.
- To undertake a non-OP (VET) course, students should achieve a “C” in most of their Year 10 subjects.
- Complete and submit a SET Plan.
- Attend an SET Plan interview with a Parent/Guardian in Term 3.

** Students who do not meet the minimum standard by the end of Year 10 may need to repeat Year 10 or consider other options rather than enrolling into Year 11 e.g.: TAFE course or full-time work.

**Minimum Study Requirements**

All students should commence year 11 with a **minimum of six subjects** or subject equivalents while studying in the senior school. For example:

- 6 subjects at school (Authority or Authority-registered).
- 6 subjects at school **plus** a Certificate 2 or 3 at TAFE
- 6 subjects at school **plus** Certificate 2 or 3 Australian school-based apprenticeship or traineeship.

Those students doing external optional courses e.g. University subjects, TAFE, or School-based Traineeship/Apprenticeship may have the opportunity to reduce their school subject load from 6 to 5 after Semester 1 results have been reviewed.

Students are able to study any combination of subjects offered at the school within the following guidelines:

1. All students must study either **English** (Authority) or **English Communication** (Authority-registered).
2. All students must study one **Maths** subject.
3. Some subject combinations within subject areas are not permitted – please refer to subject outlines in this guidebook.

Some senior courses with smaller numbers will run as composite classes i.e. Year 11 and 12 as one class. This is common to all schools and these subjects are structured to accommodate this practice.
Changing Subjects:
Changing subjects in Years 11 and 12 is NOT encouraged. It is better to make an informed decision from the beginning. Senior courses are based on four semesters of study. Students entering a course after semester one Year 11 are at an obvious disadvantage.

If course changes are necessary it is recommended that this be done at the end of semester 1 or semester 2 in Year 11 (not in Year 12) as this may adversely affect the student’s ability to achieve a QCE. Changes to courses of study can only be made on application to, and approval of a Deputy Principal, House Dean or Guidance Officer. The application process includes a review of the student’s SET plan and parent approval.

To be eligible for a QCE, students must achieve the following:
- achieve 20 credit points minimum by exit
- study and pass (C or better) 3 core subjects over 4 semesters to gain 12 core points or a combination of Certificate III (8pts) and one other core subject (4pts)
- pass (C level or better) at least one semester of an English and Math subject to meet the Literacy and Numeracy requirements

Alternative Choices:
Subjects listed will only be offered if there are adequate numbers to run the course. From year to year certain subject combinations are not able to be studied. For these reasons students should have reserve subjects that they could study in senior in case all of their first six (6) preferences are not available.

Subject Costs:
Some subjects involve costs additional to the Resources Scheme contributions. Whilst every effort is made to assist students and to minimise costs, it is suggested that careful consideration be given to allowing for additional expenses where they exist. Details of subject costs can be found in the relevant course description sections of the full Senior Curriculum Guide which is available online at the school’s website – www.clontarfbeshs.eq.edu.au

HOW TO ENHANCE YOUR PATHWAY OPTIONS

Diploma of Business – delivered at school by Careers Australia – Cost involved.

TAFE Course options while still at school – see relevant TAFE BRISBANE Booklet and SkillsTech Booklet for information and costs.

The Queensland Government has initiated a number of changes to the TAFE system in order to widen the range of vocational options available to students in their senior phase of learning. These courses will give students a headstart on a career, and the skills gained may also be credited towards future apprenticeships, traineeships and training courses. Students will be able to undertake a Certificate II or Certificate III course at a very minimal cost. A completed Certificate II course will contribute 4 points towards a QCE and a completed Certificate III will usually contribute 8 points.

School-based traineeships and apprenticeships
These programs allow students to work and train towards a recognised qualification whilst completing their school studies.

School-based traineeships are VET Certificate II or III qualifications that include on-the-job training. Completed traineeships contribute 4 credits for Certificate II and up to 8 credits for Certificate III qualifications.

School-based apprenticeships include a VET Certificate III qualification. It is anticipated that students will complete 30% of competencies while enrolled at school. These competencies can contribute up to 2 credits towards the QCE, but do not count towards completed core requirements. In addition, an on-the-job component of 96 days over a 2-year period may contribute 4 credits towards core requirements for a QCE.

For more information, visit the Department of Education and Training website or contact Clontarf Beach State High School Senior Schooling Office or the Traineeship Coordinator.
ADDITIONAL SUPPORT

Year 11 & 12 Care group Monitoring
Throughout the year all senior students’ progress towards their QCE and career goals is carefully monitored by Care Class Teachers as well as House Leaders and House Deans. Students have at least 2 monitoring meetings per semester. Parents are informed after each reporting period when students may be at-risk of not meeting the requirements for a QCE and interviews are arranged to discuss a plan to address areas of concern.

QUEENSLAND CORE SKILLS (QCS) TEST TRAINING PROGRAM
All OP eligible students have one lesson per week from Term 4 Year 11 until Term 3 Year 12 dedicated to honing their preparation for the QCS test. This is a compulsory program which focuses on developing the student’s range of test strategies. They will practice each of the four types of tests undertaken in the QCS and receive valuable feedback about their performance. Attendance at all practice tests is compulsory.

WORK EXPERIENCE
Work Experience gives students an opportunity to experience work (no pay) in an area of interest or one associated with their training/TAFE course and possible traineeship. To arrange work experience, students are required to make an appointment with the Pathways Officer or Senior Schooling Office,

BUILDING YOUR CAREER (see Job Guide 2015)

Your career: A lifelong journey
Your career is the variety of experiences of learning and work (both unpaid and paid) that you undertake throughout your lifetime.
Your career is something much larger than a job or an occupation.

| Career: the sum total of paid and unpaid work, learning and life roles you undertake throughout your life. |
| Occupation: a group of similar jobs found in different industries or organisations. |
| Job: a position in which you perform tasks for payment. |

Our careers are influenced by many things, such as our interests, our age, our education, our families and our cultural values — most of which change over time. In the 21st century, very few people will have the same job or occupation for life. You can expect to make several changes throughout your career.

Exploring your options
There are many ways you can go about exploring and planning your career and the following activities are a good way to begin.
STEP 1: Find out about yourself
STEP 2: What type of work would suit you?
STEP 3: Researching your potential occupations
STEP 4: The next stage of building your career

What type of work would suit you?
Using what you’ve learnt about yourself in STEP 1, you can get a general idea of the kind of work you might want to build your career around. Now you can start to match up these ideas about the work that might suit you with different types of occupations. At this stage it is best to think of as many options as possible and investigate areas of interest thoroughly. You will probably find that there is more than one style of work or occupation that is right for you.
Using the Type of Work Chart
Read the following descriptions of seven ‘type of work’ categories carefully before going on to the next stage. Having read through these categories, ask yourself:

- Would I like or dislike this type of work?
- How much would I like or dislike it?

Indicate your likes and dislikes on the Type of Work Chart by ticking the appropriate boxes (see below). You can then go to the Jobs Chart (page 14), which is a list of occupations by Type of Work categories.

**Analytic or scientific**
These occupations involve working with ideas to investigate or seek solutions to scientific, technical, social or other issues. Activities include observing, researching, analysing and interpreting results. The ability to develop theories, apply logic and explore abstract ideas in a specialist area of knowledge is important.

**Creative or artistic**
These occupations involve working with ideas to creatively express, present or perform them. An appreciation of design, style, form, beauty or related concepts used to develop or interpret an idea is important. Activities include writing, painting, singing, dancing, decorating, designing and performing.

**Helping or advising**
These occupations involve working with people to help, inform, teach or treat them. Activities include discussing personal issues, listening to people’s problems and providing advice, instruction, information or treatment to meet their needs.

**Practical or mechanical**
These occupations involve working with things, using your hands or special tools and equipment to make, fix, install or adjust them. Activities include practical and physical tasks, which may require an understanding of how equipment or machinery works.

**Nature or recreation**
These occupations involve working with things in the natural world, such as conservation, handling animals, raising crops or livestock, or sport. Activities include growing and caring for living things, or an involvement with sport, leisure or the environment.

**Organising or clerical**
These occupations involve working with data to order, process or retrieve facts and figures, or to develop or administer policies and procedures. Activities include organising, using or updating information (such as files or accounts); developing or following procedures or systems; and the planning, budgeting and staffing of an organisation.

**Persuading or service**
These occupations involve working with people to sell to, influence, motivate, negotiate with or serve them. Activities include selling, promoting or providing goods or services; bargaining; or presenting a point of view.

**Type of Work Chart**
Indicate your likes and dislikes by ticking the appropriate boxes below.

<table>
<thead>
<tr>
<th></th>
<th>Like a lot</th>
<th>Like</th>
<th>Unsure</th>
<th>Not keen</th>
<th>Dislike</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analytic or scientific</td>
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<tr>
<td>Creative or artistic</td>
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<td>Helping or advising</td>
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<thead>
<tr>
<th>Innovation &amp; Environment Academy</th>
<th>Enterprise and Production Academy</th>
<th>Society &amp; Healthy Lifestyles Academy</th>
<th>Creative Industries and Design Academy</th>
<th>Academy Platforms ENGLISH &amp; MATHS</th>
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<tbody>
<tr>
<td><strong>SENIOR SUBJECTS:</strong></td>
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<td>Economics</td>
<td>Physical Education</td>
<td>Music</td>
<td>English</td>
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<td>Biology</td>
<td>Business Management</td>
<td>Modern History</td>
<td>Music Extension</td>
<td>Math A</td>
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<td>Hospitality Studies</td>
<td>Geography</td>
<td>ITS</td>
<td>Math B</td>
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<td>Physics</td>
<td>LOTE- French</td>
<td>Legal Studies</td>
<td>Graphics</td>
<td>Math C</td>
</tr>
<tr>
<td>Math C</td>
<td>Non-OP</td>
<td>Non-OP</td>
<td>Drama</td>
<td>Non-OP</td>
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<tr>
<td>Mariner and Aquatic practices</td>
<td>Cert 2 in Business</td>
<td>Cert 3 in Fitness</td>
<td>Drama Studies</td>
<td>English</td>
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<td>Science in Practice</td>
<td>Hospitality Practices</td>
<td>Recreation Studies</td>
<td>Visual Art Studies</td>
<td>Math A</td>
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<td>Furnishing</td>
<td>Tourism</td>
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<td>Engineering</td>
<td>Early Childhood Education</td>
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<td>Social &amp; Community Studies</td>
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<td>Non-OP</td>
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<td>VET Connections @ school</td>
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<tr>
<td>School-Based Traineeeship positions in health, vet science.</td>
<td>SKILLS TECH:</td>
<td>TAFE Brisbane courses:</td>
<td>TAFE Brisbane courses:</td>
<td>TAFE Brisbane courses:</td>
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<tr>
<td></td>
<td>Various VET in Schools Courses</td>
<td>Campuses at Bracken Ridge, Redcliffe,</td>
<td>Campuses at Bracken Ridge, Redcliffe,</td>
<td>Campuses at Bracken Ridge,</td>
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<td>- See Separate Flyer</td>
<td>Caboolture, Southbank</td>
<td>Caboolture, Southbank</td>
<td>Redcliffe, Caboolture,</td>
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<td>Various VET in Schools Courses</td>
<td>Various VET in Schools Courses</td>
<td>Southbank.</td>
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<td>SBTs/ SBAs in relevant industries</td>
<td>SBTs/Apprenticeships in relevant</td>
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<td>Diploma of Business</td>
<td>industries</td>
<td>relevant industries</td>
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<tr>
<td>Sample POST School Courses e.g.</td>
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<td>Sample POST School Courses e.g.</td>
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<td>Sample POST School Courses e.g.</td>
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<tr>
<td>TAFE Brisbane - Diploma Seafood</td>
<td></td>
<td>TAFE Brisbane - Diploma Youth Work</td>
<td>ACU Step-Up</td>
<td>TAFE Brisbane - Diploma Youth</td>
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<tr>
<td>Industry</td>
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<td>Diploma in Hospitality</td>
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<td>Work</td>
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<tr>
<td>Diploma Vet Nursing</td>
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<td>Diploma in IT networking</td>
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<td>Diploma Community Services</td>
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<tr>
<td>UNI - B. Medicine</td>
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<td>Diploma in Construction</td>
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<td>Diploma Graphic Design</td>
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<td>- B. Science</td>
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<td>UNI - B. Business</td>
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<td>Diploma Government</td>
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<td>- B. Pharmacy</td>
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<td>- B. Business</td>
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<td>UNI -</td>
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<tr>
<td>- B. Veterinary Science</td>
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<td>- B. Accounting</td>
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<td>- B. Arts</td>
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<tr>
<td>- B. Marine Science</td>
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<td>- B. Commerce</td>
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<td>- B. Education</td>
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<td>- B. Environmental Mgt</td>
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<td>- B. International Business</td>
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<td>- B. Creative Industries</td>
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<td>- B. Engineering</td>
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<td>- B. Hospitality Management</td>
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<td>- B. Communication</td>
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<td>- B. Landscape Architecture</td>
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<td>- B. Human Resource Mgt</td>
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<td>- B. Journalism</td>
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<td>- B. Biotechnology</td>
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<td>- B. Business/ B. Laws (many double</td>
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<td>- B. Music</td>
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<td></td>
<td>degrees are available with Business)</td>
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<td>- B. Info Tech</td>
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<td>- B. Digital media</td>
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</tbody>
</table>

Sample POST School Courses e.g.
TAFE Brisbane - Diploma Seafood Industry
Diploma Vet Nursing
UNI - B. Medicine
- B. Science
- B. Pharmacy
- B. Veterinary Science
- B. Marine Science
- B. Environmental Mgt
- B. Engineering
- B. Landscape Architecture
- B. Biotechnology

TAFE Brisbane courses:
- Campuses at Bracken Ridge, Redcliffe, Caboolture, Southbank.
- Various VET in Schools Courses
- See Separate Flyer

TAFE Brisbane - Diploma Youth Work
Diploma in Hospitality

UNI - B. Business
- B. Nursing
- B. Paramedicine
- B. Physiotherapy
- B. Justice
- B. Social Work
- B. Human Movement
- B. Exercise Science
- B. Health & Nutrition

UNI - B. Education
- B. Arts
- B. Education
- B. Creative Industries
- B. Communication
- B. Journalism
- B. Music
- B. Info Tech
- B. Digital media
ACADEMY SUBJECT INFORMATION

- PATHWAY PLATFORMS
  - ENGLISH AND MATHS

- CREATIVE INDUSTRIES AND DESIGN

- ENTERPRISE AND PRODUCTION

- INNOVATION AND ENVIRONMENT

- SOCIETY AND HEALTHY LIFESTYLES
Academy Overview

The various English and Maths subjects available in this academy are the platforms which provide the general knowledge and skills for application across all subjects. They are necessary to achieve the literacy and numeracy indicator for the Queensland Certificate of Education.

English recognises and promotes effective communication skills in Standard Australian English to enable individuals to share in and contribute to current and future local, national and global communities and cultures.

Subject Overviews

**OP**

**Senior English**

English is a subject that develops a student’s knowledge of how language works in our culture through examination of various texts. Students work within the program to synthesise, evaluate and select substantial relevant subject matter to gain a thorough understanding of its meaning and uses within our culture. Senior English works to continue to build literacy skills, and allow students to master the effects of textual features.

**PREREQUISITE SUBJECTS:** Junior subject results must be a ‘B’ or better to gain entry to core or extension programs.

**COSTS:** Minor costs (collectively approx. $20) for the Grin and Tonic performances linked to play units for Junior and Senior students, and the ICAS English Competition.

**Non-OP**

**English Communication**

English Communication is a subject that develops a student’s knowledge of how language works in our culture, in the world of work, and in particular texts. Students work to improve functional language skills and hone their skills in completing professional documents and forms that will aid them outside of the educational environment. Functional literacy skills are part of each unit and improve upon the student’s skills in punctuation, grammar, paragraphing, spelling and use of textual features.

**PREREQUISITE SUBJECTS:** Students must have received a minimum result of ‘C’ in Year 10 English.

**COSTS:** Students participate in the ‘Grin and Tonic’ performance program which links to units within the course at an approx. cost of $10, and participation in the ICAS English Competition.
### Future Pathways
**Academy Platforms**

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects /courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional</td>
<td>Senior English</td>
<td>OP QCS QCE Bachelor</td>
<td>Modern History Legal Studies Business Management Geography French Biology Music</td>
<td>Author Lawyer Barrister Teaching Historian Librarian Journalist Administrator Diplomat Psychologist</td>
</tr>
<tr>
<td></td>
<td>Prerequisite = B &gt;</td>
<td>Degree</td>
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</tr>
<tr>
<td>Para Professional</td>
<td>English Communication</td>
<td>Rank QCS (opt) QCE Diploma</td>
<td>Business Management Marine Science Legal Studies Tourism Cert II Business Hospitality</td>
<td>Law Clerk Police Officer Security Guard Flight Attendant Tourist Information Public Servant Disc Jockey Sign writer Secretary Receptionist</td>
</tr>
<tr>
<td></td>
<td>Prerequisite = C &gt;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite = C &gt;</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Skilled</td>
<td>English Communication</td>
<td>QCE Full-time Employment</td>
<td>Hospitality Practices Recreation Early Childhood Marine and Aquatic Practices Social &amp; Community Studies Visual Art Studies</td>
<td>Library Assistant Security Guard Salesperson Retail Hospitality services Photographer</td>
</tr>
<tr>
<td></td>
<td>Prerequisite = C &gt;</td>
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<td></td>
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</tr>
</tbody>
</table>
### Academy Overview
The various English and Maths subjects available in this academy are the platforms which provide the general knowledge and skills for application across all subjects. They are necessary to achieve the literacy and numeracy indicator for the Queensland Certificate of Education.

### Subject Overviews

<table>
<thead>
<tr>
<th>Subject</th>
<th>Overview</th>
<th>Prerequisite Subjects</th>
<th>Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OP</strong> Mathematics B</td>
<td>Maths B aims to increase student confidence with complex mathematical concepts. Through a range of pure maths to life related applications, students will develop advanced computational and problem solving skills. Topics studied include different types of functions and their applications, differential and integral calculus and applied statistical analysis.</td>
<td>Students must achieve at least a “C” level in Year 10 Extension Mathematics.</td>
<td>Students must purchase a graphics calculator for use throughout this subject. Preferred calculator is the TI-84 Plus, which costs approximately $150.</td>
</tr>
<tr>
<td><strong>OP</strong> Mathematics A</td>
<td>Maths A aims to help students develop positive attitudes, values and feelings towards mathematics with a view to increasing their recognition of the usefulness of mathematics in their personal and working lives. Topics studied include financial maths, applied geometry, statistics and probability, land measurement, and networks and queuing.</td>
<td>Students must achieve at least a “C” level in Year 10 Core Mathematics.</td>
<td>Students require the use of a scientific calculator throughout this subject. Cost is under $25.</td>
</tr>
<tr>
<td><strong>Non-OP</strong> Prevocational Mathematics</td>
<td>Prevocational Maths is designed to help students improve their numeracy by building their confidence and success in making meaning of mathematics. It aims to assist students to overcome any past difficulties with, or negative attitudes towards maths, so that they can use it efficiently and critically to make informed decisions in their daily lives. Topics studied include number computations, data, location and time, measurement and basic finance.</td>
<td>Prefer students to have achieved a “C” in Year 10 Core Maths</td>
<td>Students require the use of a scientific calculator throughout this subject. Cost is under $25.</td>
</tr>
<tr>
<td><strong>OP</strong> Mathematics C</td>
<td>Mathematics C offered as an elective subject – refer to page 29.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Future Pathways
### Academy Platforms
#### MATHS

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects /courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professional</strong></td>
<td><strong>Mathematics C</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite = B or greater in Extension Maths</td>
<td>OP, QCS, QCE, Bachelor Degree</td>
<td>Chemistry, Physics, Mathematics B</td>
<td>Actuary, Biochemist, Engineer, Mathematician, Physicist, Pilot, Programmer, Teacher</td>
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<tr>
<td></td>
<td>Must also select Mathematics B</td>
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<tr>
<td></td>
<td><strong>Mathematics B</strong></td>
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</tr>
<tr>
<td></td>
<td>Prerequisite = C or greater in Extension Maths</td>
<td>OP, QCS, QCE, Bachelor Degree</td>
<td>Biology, Chemistry, Graphics, Mathematics C, Physics, Economics</td>
<td>Accountant, Architect, Engineer, Finance Officer, Medical Technician, Pilot, Programmer, Radiologist, Teacher</td>
</tr>
<tr>
<td></td>
<td><strong>Mathematics A</strong></td>
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<tr>
<td></td>
<td>Prerequisite = C or greater in Core Mathematics</td>
<td>OP, QCS, QCE, Bachelor Degree</td>
<td>Business Management, Hospitality Studies, ITS, Marine Science</td>
<td>Accounts Clerk, Credit Officer, Exporter/Importer, Insurance Agent, Nursing, Purchasing Officer, Teacher</td>
</tr>
<tr>
<td><strong>Para Prof.</strong></td>
<td><strong>Mathematics A</strong></td>
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</tr>
<tr>
<td></td>
<td>Prerequisite = C or greater in Core Mathematics</td>
<td>Rank, QCS (opt), QCE, Diploma, Cert. IV</td>
<td>Business Management, Hospitality Studies, Marine Science</td>
<td>Accounts Clerk, Insurance Agent, Nursing, Sales Representative</td>
</tr>
<tr>
<td><strong>Trade/Technical</strong></td>
<td><strong>Mathematics A</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite = C or greater in Core Mathematics</td>
<td>Rank, QCE, Traineeship Apprenticeship</td>
<td>Hospitality Practices, Marine &amp; Aquatic Practices, Tourism</td>
<td>Accounts Clerk, Credit Officer, Exporter/Importer, Insurance Agent, Purchasing Officer, Sales Representative</td>
</tr>
<tr>
<td><strong>Prevocational Mathematics</strong></td>
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<tr>
<td></td>
<td>No prerequisite</td>
<td>QCE, Rank Traineeship Apprenticeship</td>
<td>Hospitality Practices, Marine &amp; Aquatic Practices</td>
<td>Army Soldier, Bank Officer, Bar Attendant, Data Processor, Hairdresser, Mechanic</td>
</tr>
<tr>
<td><strong>Skilled</strong></td>
<td><strong>Prevocational Mathematics</strong></td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>No prerequisite</td>
<td>QCE, Full-time Employment</td>
<td>Engineering, Furnishing, Marine &amp; Aquatic Practices</td>
<td>Carpenter, Cashier, Newsagent, Plumber, Postal Employee, Sales Assistant</td>
</tr>
</tbody>
</table>
# Academy Overview
The Academy of Creative Industries & Design is a vibrant, progressive and innovative Academy which offers subject choices to enable students to express their creativity through design, interpretation & artistic vision.

## Subject Overviews

### OP - Senior Drama
Drama is an incredibly **practical**, **engaging** and **fun** subject which offers students the means by which to explore the complexities of our society and therefore prepare them better in coping with life in this society. Creativity is the **top** level of the higher order thinking skills. Drama aims to nurture the creative instincts in students, providing them with an array of contexts within which they can express their artistic ability.

Through Drama, students develop skills of critical enquiry, evaluation, reflection and decision making. Through emotional and intellectual exploration, the program encourages an appreciation of the aesthetics and an understanding of the nature of drama within the different cultures. As one of the oldest art forms, drama has a vital part to play in any society and through the exploration of social issues; students should develop a better understanding and appreciation of the society in which they live.

Senior Drama *centres* on the Elements of Drama which are encountered repeatedly through the process of forming, presenting and responding. Whilst performance plays a major part in the course (and as such students should be prepared to perform in a range of contexts and styles), students will also devise their own work as well as critically analyse drama texts/works, making discerning judgements about the purpose and function of drama in our world through a historical and analytical lens.

**PREREQUISITE SUBJECTS:** Minimum “B” in Junior Drama or English or equivalent Drama experience (consult teacher)

**COSTS:** $70 Levy (covers all performances, workshops & excursions)

### Non-Op Dance Studies
The course requires students to study a core set of dance skills and elements which will develop their skills and understanding progressively over two years.

Students of Dance Studies learn how to choreograph dances; to understand the choreographic process, and perform to the best of their ability. Students learn the physical and technical skills of the dancer including a study of the body and how it moves.

Students experience a range of dance styles including Aerobics as Dance, Cultural Dance, Ballroom dance, Tap dance, Contemporary dance, Hip Hop dance, Dancing for younger ages and different decades of dance.

**PREREQUISITE SUBJECTS:** Minimum ‘C’ result in Year 10 Dance or equivalent Dance experience &/or aptitude (consult Teacher)

**COSTS:** Students are required to wear the Clontarf Dance Uniform: White Dance Singlet or T-Shirt (approximately $15.00) plus own Black 3/4 Tights or Track Pants. Students may also participate in guest instructor workshops and performances which form part of their course of study usually $20.00 to $30.00 per excursion.
Non-OP Drama Studies
Students who are interested in the drama industry will get a firsthand look into the world of auditions, acting workshops, lighting and sound technology, film, stage management, event management and many more areas in the drama field and creative industries.
Drama Studies is a practical subject which aims to provide students with real-world experiences including involvement in school productions, musicals, feature films, and events. This subject is NOT just for aspiring actors but students who want to be involved in the creative industries and the world of theatre, film or media
There are no prerequisite subjects for Drama Studies, however it will be a significant advantage if students already have a knowledge of drama and of course have a keen interest in all aspects of Drama. There are also clear links between the other arts studies subjects including Music, Dance and Visual Arts.

PREREQUISITE SUBJECTS: Minimum "C" in Junior Drama or English or equivalent Drama experience (consult teacher)
COSTS: N/A

CREATIVE INDUSTRIES and DESIGN ACADEMY

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects /courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional</td>
<td>Drama</td>
<td>OP QCS QCE Bachelor Degree</td>
<td>English Drama Studies Music Dance Visual Art Physical Education Legal Studies</td>
<td>Actor Scriptwriter Director Educator Journalist Lawyer</td>
</tr>
<tr>
<td>Para professional</td>
<td>Drama</td>
<td>Rank QCS (opt) QCE Diploma</td>
<td>English Drama Studies Music Dance Visual Art BOM Physical Education Legal Studies</td>
<td>Actor Event Manager Producer Stage Manager Theatre Management Educator</td>
</tr>
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</table>
## Future Pathways
### CREATIVE INDUSTRIES and DESIGN ACADEMY

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects /courses</th>
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<tbody>
<tr>
<td></td>
<td>Dance Studies</td>
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<td>Trade/ Technical</td>
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<td>Rank</td>
<td>English</td>
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<td>QCE</td>
<td>Communication</td>
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<td>Traineeship</td>
<td>Music Studies</td>
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<td>Apprenticeship Certificate III</td>
<td>Visual Art Studies</td>
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<td>Drama Studies</td>
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<td>Recreation Studies</td>
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<td>QCE</td>
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<td></td>
<td></td>
<td>Rank</td>
<td>Communication</td>
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<td></td>
<td>Traineeship</td>
<td>Music Studies</td>
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<tr>
<td></td>
<td></td>
<td>Apprenticeship Certificate III</td>
<td>Visual Art Studies</td>
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<td>Drama Studies</td>
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<td>Recreation Studies</td>
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<td>Dance Studies</td>
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## Sample compatible subjects /courses

- English
- Communication
- Music Studies
- Visual Art Studies
- Drama Studies
- Recreation Studies
- Arts Administration
- Dance Therapy
- Community Artist
- Model
- Performance Artist
- Dancer/Actor/Entertainer
- Choreographer
- Costume Designer
- Lighting Technician
- Stage Designer
- Arts Critic
- Recreation Officer
- Child Care Assistant

## Possible Occupations

- Actor
- Cinematographer
- Lighting Engineer
- Sound Engineer
- Stage Manager
- Management
- Hospitality
- Retail
- Early Childhood
# Subject Overviews

## OP - Music
Senior Music is a 2 year course designed for students, who display genuine interest & ability in Music. This subject offers the students the opportunity to further develop their musical abilities especially in the areas of Performance, Composition & Musicology. Across the course students could study a variety of units including: Instrumental Music, Music of the Stage/Theatre, Music of the C20th & C21st, Jazz & Music for Celebrations & Entertainment.

In each unit, students will continuously develop their general knowledge & Musical skills with particular focus on Performance skills, Compositional craftsmanship & Musicology (the study of music in social, historical & cultural contexts). The Year 11 & 12 course challenges students to extend their Musical abilities and students will have opportunity showcase their emerging talents through school & community events e.g. concert evenings, school musicals, community performances & workshops and competitions.

Senior Music students are highly encouraged to participate in our Instrumental Music Program or to have lessons with one of the private music teachers that we have coming into our school/or to have lessons with a private music teacher outside of the school. There are also many ensembles that the music program offers and music students are always welcome to join these performance groups. Being part of our Instrumental Music Program enables senior Music students the opportunity to participate in Music camps and interstate Music tours as well as attending workshops with guest, professional conductors and musicians.

So….what are you waiting for? Realize your Musical potential & dreams TODAY!...Enroll NOW!

**PREREQUISITE SUBJECTS:** Music experience & / or aptitude (via discussion with Creative Industries HOD/Music Teacher). If Yr 10 Music has been studied a minimum result of a ‘B’ must be obtained.

**COSTS:**
Students will have opportunity to attend a variety of excursions across the year. The cost of these can range from $20 - $80. As mentioned above it is also encouraged that students receive private tuition on their chosen instrument/voice. There are many opportunities to learn through the Instrumental Music program we have here at school, at very little cost involved.

## Music Extension (OP eligible subject)- Year 12 Subject Only
Studying Music Extension is an opportunity to make the many years students have spent working hard developing their craft as musicians count!
Music Extension is a 1 year specialist course designed to cater for Year 12 Music students who display specific abilities in Music, particularly Performance, Composition or Musicology. This subject is an extension of the Year11/12 Music course and as such offers the students the opportunity to develop further their musical abilities at a more challenging level.

Students who wish to enrol in Music Extension must have successfully completed 2 semesters of Year 11 Music and also be enrolled to study year 12 Music, along with Year 12 Music Extension. Students must also display the skill/talent & potential to specialise in one of the areas mentioned, as well as demonstrating a high level of understanding of Musical analysis.

## Non-OP - Music Studies
Music Studies is a 2 year course designed to appeal to students who may be interested in the wide variety of areas within the Music Industry. The course consists of units that involve students developing an understanding of and improving their skills in terms of Musical Performance, Music Management, Audio (Sound) Technology and Music creation.

Each unit is highly practical with students regularly rehearsing performance work to perform or by participating in workshops or lessons where Music Technology is being utilised e.g. audio/lighting consoles, Microphones, PA systems, specialist computer software etc. Students will also create their own compositions and they will learn to record these works and investigate the marketing of music products and indeed themselves within the music industry.

As practical performance work is a significant part of the course, students who do not have reasonable performance skills, should display interest in improving they ability to play/sing. This can be done by having tuition though our Instrumental Music program, at very little cost. Students will have opportunity to showcase their practical skills through school concerts & events, school Musicals and community events & workshops. Realize your musical potential & dreams TODAY!.... Enroll NOW!

**PREREQUISITE SUBJECTS:** Music experience/interest & / or aptitude (via discussion with Creative Industries HOD/Music Teacher)

**COSTS:** Students will have opportunity to attend a variety of excursions across the year. The cost of these can range from $20 - $80. It is also encouraged that students receive private tuition on their chosen instrument/voice. There are opportunities to learn through the instrumental program we offer at our school, with very little cost involved.
<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects /courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional</td>
<td><strong>Senior Music</strong></td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Music Studies Instrumental Music</td>
<td>Musician/Recording Artist Composer/Arranger Conductor/Director Music Record Company Executive Film /TV Music Director Artist Manager/agent Primary/Secondary Teacher Arts Administration Music Therapist Music/Arts Critic Music Librarian</td>
</tr>
<tr>
<td></td>
<td><strong>Music Extension</strong> (Yr 12 only)</td>
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</tr>
<tr>
<td>Para professional</td>
<td><strong>Senior Music</strong></td>
<td>Rank QCS (opt) QCE Diploma Cert</td>
<td>Music Studies Instrumental Music Dance Studies Drama Studies Visual Art Studies</td>
<td>Music Industry Advisor Film /TV Music Director Audio Engineer/ Lighting Technician Music Retail Radio DJ Arts Administration Music/Arts Critic Recreation Officer Music Librarian Assistant</td>
</tr>
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</tr>
<tr>
<td>Trade/Technical</td>
<td><strong>Music Studies</strong></td>
<td>Rank QCE Traineeship Apprenticeship Certificate III</td>
<td>Instrumental Music Dance Studies Drama Studies Visual Art Studies</td>
<td>Musician/Recording Artist Songwriter Arts Administration assistant Radio Producer/DJ Entertainer Music Assistant Audio Engineer Assistant Lighting Technician assistant Recreation Officer Assistant Teacher Aide Assistant Early Childhood Worker</td>
</tr>
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</tr>
<tr>
<td>Skilled</td>
<td><strong>Music Studies</strong></td>
<td>QCE Full-time Employment</td>
<td>Instrumental Music Dance Studies Drama Studies Visual Art Studies</td>
<td>Musician/Recording Artist Songwriter Arts Administration assistant Radio Producer assistant/DJ Entertainer Music Director - assistant Lighting Technician - Assistant Recreation Officer Early Childhood Aid/Assistant</td>
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</tbody>
</table>
CREATIVE INDUSTRIES and DESIGN ACADEMY

Academy Overview:
The Academy of Creative Industries & Design is a vibrant, progressive and innovative Academy which offers subject choices to enable students to express their creativity through design, interpretation & artistic vision.

Subject Overviews

Non-OP
Visual Art Studies:
Visual Art Studies or V.A.S. is designed for students who love the ‘hands’ on approach to making artworks. The topics in Year 11 & 12 are fun, interesting and unique.

Visual Art uses an inquiry learning model that investigates a broad range of mediums and skill building experiences. Through making and appraising, resolving and display of artworks, students understand and acknowledge the role of visual art and the contributions of visual artists, designers and craftspeople. (Q.S.A)

PREREQUISITE SUBJECTS: Minimum ‘C’ result in Year 10 Art or equivalent Art experience/aptitude. (Consult Teacher)

Cost: Visual Art Studies has a levy of $90, covering the use of the more specialised materials, for example, glass for glass slumping and fabric paint for Batik work, photographic imaging materials for Photography and random materials for Wearable Art.

Future Pathways

CREATIVE INDUSTRIES and DESIGN ACADEMY

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects/courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drama Studies</td>
<td>Photographer, digital imagery technician, Visual artist, painter, draftsman, ceramist, sculptor, Web designer, visual effects designer, 3D designer, animator, motion graphics designer, digital media technician, games designer and multimedia, Fashion designer, textile designer, lighting technician, Interior decorator, Film/ television and audio technician, Jeweller, Housepainter</td>
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<td></td>
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<td>Music Studies</td>
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<td>Early Childhood Practices</td>
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<td>Tourism</td>
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<td>Furnishing</td>
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<td>QCE</td>
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<td>Rank</td>
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<td>Traineeship</td>
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<td></td>
<td>Apprenticeship Certificate 111</td>
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</tr>
<tr>
<td>Trade/ Technical</td>
<td>Visual Art Studies</td>
<td>QCE</td>
<td>Drama Studies</td>
<td>Photographer, digital imagery technician, Visual artist, painter, draftsman, ceramist, sculptor, Web designer, visual effects designer, 3D designer, animator, motion graphics designer, digital media technician, games designer and multimedia, Fashion designer, textile designer, lighting technician, Interior decorator, Film/ television and audio technician, Jeweller, Housepainter</td>
</tr>
<tr>
<td></td>
<td>Minimum ‘C’ result in Year 10 Art</td>
<td></td>
<td>Music Studies</td>
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<td>Early Childhood Practices</td>
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<td>Tourism</td>
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<td>Furnishing</td>
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<td>QCE</td>
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<td></td>
<td></td>
<td>Full-time Employment</td>
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<td></td>
</tr>
<tr>
<td>Skilled</td>
<td>Visual Art Studies</td>
<td>QCE</td>
<td>Drama Studies</td>
<td>Photographer, Visual artist, Retail assistant</td>
</tr>
<tr>
<td></td>
<td>Minimum ‘C’ result in Year 10 Art</td>
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<td>Music Studies</td>
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<td>Early Childhood Practices</td>
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<td>Tourism</td>
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<td>Furnishing</td>
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</tr>
</tbody>
</table>
Subject Overviews

Graphics
Student’s completing this course will learn skills to prepare them to develop and interpret production drawings used in industry. The course covers both Architectural and engineering drawing production. Students will be exposed to a range of industry standard computer aided drafting software to assist in developing skills. Graphics is an essential element of a range of careers.

Students will be introduced to the Senior Graphics course through the linking of Business Graphics, Product Design and Built Environment, with a contextual learning approach. Through practical activities, students should develop innovative ways of presenting folio work and skill in generating hand and computer-aided sketches.

In Year 12 greater emphasis is placed on student producing industry standard folios.

PREREQUISITE SUBJECTS:
Graphics will require a minimum of a B in rating in Year 10 Graphics.

COSTS: $30 printer toner, Rendering equipment, Use of Autodesk software, Isometric and Squared Grid Paper. Drawings will not be able to be printed until graphics levy is paid.

Future Pathways

CREATIVE INDUSTRIES and DESIGN ACADEMY

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/S</th>
<th>Sample compatible subjects /courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional</td>
<td>Graphics</td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Maths B Maths C Physics Chemistry Geography</td>
<td>Architect Army Officer Building Contractor Building Surveyor Engineer Electrical electronics technologist Teacher</td>
</tr>
</tbody>
</table>
Subject Overviews

Information Technology Systems
Information Technology Systems is a subject focusing on the design and use of Multimedia. Students will be introduced to Graphic Design (Photoshop), 2D Animation, Game Creation, Video and Audio Editing, Web Design, problem Solving and project Management.

Information Technology Systems aims to:
- develop in students an awareness and understanding of the concepts, practices and effects of IT
- equip students with problem-solving skills that allow them to design, develop and evaluate solutions
- develop students’ communication skills in order that they may comprehend and respond effectively to client needs, using a variety of techniques and media
- develop in students a client-focused approach
- encourage students to think critically and purposefully about the uses of IT
- promote responsible, discriminating and competent use of IT in a safe environment

PREREQUISITE SUBJECTS: “B” in Year 10 English or Maths
COSTS: No cost.

Certificate II in Information, Digital Media & Technology – ICA20115

Delivered by: Clontarf Beach State High School Provider Number: 30061
This certificate should provide useful skills for any future job pathway. The course focuses on understanding and developing multimedia components. The games industry will be used as a practical framework for a variety of topics in this course. Competencies for this course are:

- BSBSUS201 – Participate in environmentally sustainable work practices
- BSBWHS201 – Contribute to health and safety of self and others
- CUADIG303A – Produce and prepare photo images
- CUAPOS201A – Perform basic vision and sound editing
- CUASOU204A – Perform basic sound editing
- ICPDMT321 – Capture a digital image
- ICTICT201 – Use computer operating systems and hardware
- ICTICT202 – Work and communicate effectively in an ICT environment
- ICTICT203 – Operate application software package
- ICTICT204- Operate a digital media technology package
- ICTICT205 – Design basic organisational documents using computer packages
- ICTICT207 – Integrate commercial computing packages
- ICTWEB201 – Use social media tools for collaboration and engagement

Successful completion of the course results in the awarding of a full qualification (Certificate II in Information, Digital Media & Technology) that is a nationally recognised qualification.

PREREQUISITE SUBJECTS: “C” in Year 10 Maths, English or Business
COSTS: No cost
Future Pathways
CREATIVE INDUSTRIES and DESIGN ACADEMY

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects /courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional</td>
<td>Information Technology Systems</td>
<td>OP</td>
<td>Biology</td>
<td>Game Industry</td>
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<td></td>
<td>QCS</td>
<td>Chemistry</td>
<td>2D &amp;3D Design</td>
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<td>QCE</td>
<td>Physics</td>
<td>Sound Editing</td>
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<td></td>
<td>Bachelor Degree</td>
<td>Art</td>
<td>eBusiness</td>
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<td></td>
<td></td>
<td></td>
<td>Graphics</td>
<td>Video Editing</td>
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<tr>
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<td></td>
<td>Mathematics B</td>
<td>Animation</td>
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<td>Mathematics C</td>
<td>Web Construction</td>
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<td>Para professional</td>
<td>Information Technology Systems</td>
<td>Rank(QCS (opt))</td>
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<td>Information Technology</td>
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<td>Graphics Design</td>
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<td>Diploma</td>
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<td>Art</td>
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<td>Cert. IV</td>
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<td>Multimedia</td>
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<td>Photo Labs</td>
</tr>
<tr>
<td>Trade/Technical</td>
<td>Cert. II in Information, Digital Media &amp;</td>
<td>QCE</td>
<td></td>
<td>Useful IT skills for ANY occupation.</td>
</tr>
<tr>
<td></td>
<td>Technology ICA20115</td>
<td>Rank (Traineeship, Apprenticeship)</td>
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</tr>
<tr>
<td>Skilled</td>
<td>Cert. II in Information, Digital Media &amp;</td>
<td>QCE</td>
<td></td>
<td>Useful IT skills for ANY occupation.</td>
</tr>
<tr>
<td></td>
<td>Technology ICA20115</td>
<td>Full-time Employment</td>
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</tbody>
</table>

Prerequisites and full details are available in the document.
Academy Overview
The focus of this academy is on the far reaching and diverse aspects of businesses in a variety of contexts ranging from local to international levels. The interaction of commerce and production are what makes the economies of all countries work. This is a dynamic academy where students are exposed to enterprising, inquiry-based skills. These are blended with hands – on trade based, technical skills. The career opportunities related to this area are plentiful as many occupations depend on the skills developed through these subjects.

Subject Overviews

OP – Business Management
Australian business organisations have a leading position in society, and in personal and professional life. Through this course, students have the opportunity to develop an appreciation of issues challenging business organisations and managers locally, nationally and globally. Business practices include the use of innovation, entrepreneurial creativity, strategic planning, management, marketing, and information and communication technologies.

PREREQUISITE SUBJECTS: Minimum of a B in English or a B in Business
COSTS: Nil

OP – Economics
Economics in Year 11 and 12 involves studying how to use scarce resources in the best way possible. Households, businesses and governments are confronted daily with the economic problem of alternative uses of their limited resources. Topics Covered include: Markets and models, Contemporary macro-economic issues, international economics, share market, personal economics, globalisation and trade, Industry and market concentration, income and wealth distribution, finance, income and expenditure, population, labour and systems development.

PREREQUISITE SUBJECTS: Minimum of a B in English or a B in Business
COSTS: Nil

Certificate II in Business – BSB20115

Delivered by: Clontarf Beach State High School Provider Number: 30061
Certificate II in Business is a stand-alone course that gives students the opportunity to develop the skills necessary for working in an office environment. The course covers basic computer operations, word processing, OHS, banking, using business technology, basic accounting and spread sheeting, developing policies and procedures and business communication.

Course Competencies:
BSBCMM201 – Communicate in the workplace
BSBCUS201 – Deliver a service to customers
BSBINM201 – Process and maintain workplace information
BSBINM202 – Handle mail
BSBITU201 – Produce simple work processed documents
BSBITU202 – Create and use spreadsheets
BSBITU203 – Communicate electronically
BSBSUS201 – Participate in environmentally sustainable work practices
BSBWHS201 – Contribute to health and safety of self and others
BSBWOR202 – Organise and complete daily work activities
BSBWOR203 – Work effectively with others
BSBWOR204 – Use business technologies

Successful completion of the course results in the awarding of a full qualification (Certificate II in Business) which is a nationally recognised qualification.

PREREQUISITE SUBJECTS: Students should have achieved at least a ‘C’ rating in English
COSTS: Nil
### OP – Hospitality Studies

In Australia the hospitality industry contributes greatly to needs of our society. Hospitality Studies is an OP subject which introduces students to hospitality sectors and environments, issues, management practices and skills. The students will engage in operational and theory aspects within their course of study. The course covers topics such as human resources, finance, marketing, ethics, food and beverage production and service. Hospitality Studies enables students to pursue tertiary studies in hospitality, hotel, event management or business management, specialising in these fields. Understanding and skills in Hospitality Studies could also lead students to professional hospitality careers in food and beverage, catering, entertainment, event management plus many more. **Please note Hospitality Studies is an OP subject which involves a higher level of academic rigour than the non OP Hospitality.**

**PREREQUISITE SUBJECTS:**
Minimum "B" in Year 10 Home Economics/Food Studies and/or English.

**COSTS:** $90 per year covers all consumables. **Full leather or vinyl shoes are required for Workplace Health & Safety policy for all practical lessons. Black pants and collared black shirt for functions.**

### Non OP - Hospitality Practices

The hospitality industry has become increasingly important in Australia as a source of expanding employment. Hospitality Practices is a **non OP subject** which offers students the opportunity to learn about the industry but also teaches them skills, processes and attitudes important in making valid decisions about the future. Hospitality Practices comprises both theory and practical components. The course covers a range of topics such as food and beverage production and service, event management.

**PREREQUISITE SUBJECTS:**
Minimum "C" in Year 10 Home Economics/Food Studies and/or English.

**COSTS:** $90 per year covers all consumables. **Full leather or vinyl shoes are required for Workplace Health & Safety policy for all practical lessons. Black pants and collared black shirt for functions.**

### Non-OP - Engineering

This course is ideal for those students looking for a subject that has vocational projects. This course may provide students with clarification to a career in the Manufacturing/Engineering industries. Students completing these courses will learn the skills that will prepare them to perform in a defined range of activities, most of which may be routine and predictable within the metal industry. This program would be of interest to those seeking pre-vocational training or those wishing to become a trainee/apprentice. The course covers the basic skills of sheet metal work, welding and fitting, as well as tools, understanding work situations, machines and materials for the industry.

**COSTS:** A cost of $100 per year for materials & equipment used in this course in Yrs 11 and 12. **Steel cap shoes are required for Workplace Health & Safety policy for all practical lessons. Available from local stores approx. $40- $50.**

### Non-OP - Furnishing

This course is ideal for those students looking for a subject that has vocational type projects. This course may provide students with clarification to a career in the Manufacturing/Woodworking industries. Students completing these courses will learn the skills that will prepare them to perform in a defined range of activities, most of which may be routine and predictable within the furniture industry. This program would be of interest to those seeking pre-vocational training or those wishing to become a trainee/apprentice. The course covers the basic skills of cabinet making, wood machining and finishing as well as tools, understanding work situations, machines and materials for the industry.

**PREREQUISITE SUBJECTS:** Students must have achieved at least a ‘C’ in IDT in Year 10.

**COSTS:** A cost of $100 per year for materials & equipment used in this course in Yrs 11 and 12. **Steel cap shoes are required for Workplace Health & Safety policy for all practical lessons. Available from local stores approx. $40- $50.**
### Future Pathways
**ENTERPRISE and PRODUCTION ACADEMY**

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/S</th>
<th>Sample compatible subjects /courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional</td>
<td>Business Management or Economics Prerequisite = B&gt;</td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Business Management or Economics Legal Studies Maths A or B Cert II Business</td>
<td>Accountant Business Owner Business Manager Finance Officer Bank Manager Tax Consultant Share Market Financial Adviser Teacher</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rank QCS (opt) QCE Diploma Cert. IV</td>
<td>Business Management Legal Studies Maths A or B Cert II Business</td>
<td>Book Keeper Business Manager Finance Officer Banking Officer Officer Manager Travel Agent</td>
</tr>
<tr>
<td>Para professional</td>
<td></td>
<td>QCE Full-time Employment</td>
<td>Cert II in IT Recreational Studies Hospitality English Comm. Pre-Voc Maths</td>
<td>Customer Service Officer Receptionist Data Entry Retail assistant</td>
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<tr>
<td>Skilled</td>
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</tr>
<tr>
<td>Professional</td>
<td>Hospitality Studies Prerequisite = B&gt;</td>
<td>OP QCS QCE Bachelor Degree</td>
<td>English Extension Maths B Biology Chemistry Business Management Physical Education</td>
<td>Chef Community educator Dietician/nutritionist Environmental health Food journalist Food Technologist Health promotion Occupational therapist Teacher – Home Economics</td>
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</tr>
<tr>
<td>Trade/Technical</td>
<td>Hospitality Practices Prerequisite = C&gt;</td>
<td>QCE Full-time Employment</td>
<td>Maths A English Communication Tourism Early Childhood Physical Recreation Music Studies</td>
<td>Chef Pastry cook Food Process worker Events Coordinator Waiter Primary products inspector Food trades assistant</td>
</tr>
<tr>
<td>Skilled</td>
<td>Furnishing Prerequisite = C&gt;</td>
<td>QCE Full-time Employment</td>
<td>Maths A English Communication Engineering Hospitality Practices Physical Recreation Tourism</td>
<td>Carpenter and joiner Crafts person Forest worker Furniture polisher Wood machinist</td>
</tr>
<tr>
<td>Trade/Technical</td>
<td>Engineering Prerequisite = C&gt;</td>
<td>QCE Full-time Employment</td>
<td>Maths A English Communication Furnishing Hospitality Physical Recreation Tourism</td>
<td>Metal casting Forging Finishing trade worker Precision metal trade worker Sheetmetal worker Crane, hoist or lift operator Driller, miner or shot firer</td>
</tr>
</tbody>
</table>

2016-2017 – V1
## Academy Overview
The Academy of Innovation and the Environment may provide students with future pathways in:

- medicine and allied health
- scientific research
- engineering
- environmental management and conservation
- the marine food & fishing industry
- mariner skills & qualifications

Each subject has practical components which include scientific experiments, field research/data collection and excursions to industry locations that allow students to experience real world applications of their learning.

### Subject Overviews

#### OP

**Mathematics C**
Maths C is a companion subject to Maths B. It aims to extend the competency and confidence of students in mathematics beyond the scope of Maths B, and to build on and combine many of the concepts introduced in Maths B.

Topics studied include groups, real and complex number systems, matrices, vectors, calculus, linear programming, dynamics, structures and patterns and advanced periodic and exponential functions.

**PREREQUISITE SUBJECTS:** Students must achieve at least a B level in Year 10 Extension Mathematics. Students selecting Mathematics C must also select Mathematics B.

**COSTS:** Students must purchase a graphics calculator for use throughout this subject. Preferred calculator is the TI-84 Plus, which costs approximately $150.

#### OP

**Physics**
The development of understanding of physical phenomena occurs in Physics by means of methods of inquiry that have been refined over the past three hundred years. A culture of physics has emerged that values methods of precise measurement, reproducible experimentation and powerful mathematical relationships. Today, these methods continue to contribute to the development and provision of new information, ideas and theories to explain observations and experiences.

Students will study nuclear power, medieval weapons, electricity, light, SCUBA diving, forensics and the universe. The course includes theory, extended experimental investigations and excursions to experience physics concepts.

**PREREQUISITE SUBJECTS:** “A” standard in Yr10 Core Science or a “B” standard in Extension Science. Must be enrolled in Maths B, Maths C is highly recommended.

**COSTS:** Science Competition entry - $8 in Yr 11 & Yr 12.
**OP Biology**

Biology is the study of the natural systems of the living world. Participation in Biology enables students to engage in creative scientific thinking and to apply their knowledge in practical situations. The study of Biology will help students foresee the consequences for the living world of their own, and society’s, activities. This will enable them to participate as informed and responsible citizens in decision-making processes, the outcomes of which will affect the living world both now and in the future.

The Biology course covers cell biology, diseases, human body systems, plants, animals, ecosystems, genetics, evolution and forensic science. Students learn Biology by participating in classroom theory, field study, excursions and extended experimental investigations. A three day camp to Stradbroke Island in Yr 12 is compulsory to complete the fieldwork component of this course.

**PREREQUISITE SUBJECTS:** A “B” standard in Yr10 Core Science or a “C” standard in Yr10 Extension Science. Students must also study OP English.

**COSTS:**

Subject levy fee which covers materials associated with compulsory curriculum activities $15 (Yr 11), $15 (Yr 12).

Yr 12, Stradbroke Island Camp—approximately $120.

Science Competition entry - $8 in Yr 11 & Yr 12.

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**OP Chemistry**

The study of Chemistry engages students in an exciting and dynamic investigation of the material universe. Chemistry helps us to understand the links between the macroscopic properties of the world and the subatomic particles and forces that account for those properties. Understanding and applying chemical concepts, models, procedures and intellectual processes aids in humankind’s management of the planet’s limited resources and could provide the key to our continuing survival.

Students will study and experience many real life applications of Chemistry through theory, extended experimental investigations and excursions including SCUBA, an oil refinery and winemaking.

**PREREQUISITE SUBJECTS:** An “A” standard in Yr10 Core Science or a “B” standard in Yr10 Extension Science. Students must be enrolled in Maths B or A (Maths B is preferred).

**COSTS:**

Subject levy fee which covers materials associated with compulsory curriculum activities $15 (Yr 11), $15 (Yr 12). Science Competition entry - $8 in Yr 11 & Yr 12.

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**OP Marine Science**

Marine science is concerned with researching marine environments to determine their biological and oceanographic features, and devising conservation strategies that may lead to a sustainable future. Students plan and conduct practical and research-based marine investigations to explore marine environments, issues and problems. A course of study in Marine Science can establish a basis for further education and employment in the fields of marine science, marine biology, nautical science, fisheries and aquaculture, conservation and resource management, and tourism, seafood and maritime industries.

A three day camp to Stradbroke Island in Yr 12 is compulsory to complete the fieldwork component of this course. Students will also have the opportunity to gain many marine qualifications including a recreational boat licence, marine radio licence and snorkelling certification.

**PREREQUISITE SUBJECTS:** A “B” standard in Yr10 Core Science or a “C” standard in Yr10 Extension Science.

**COSTS:** Subject levy fee which covers the cost of bus travel, venue hire, petrol and other costs associated with compulsory curriculum activities - $65 (Yr 11) & $85 (Yr 12). Yr 12, Stradbroke Island Camp—approximately $120. Science Competition entry - $8 in Yr 11 & Yr 12.
Non-OP

Science in Practice
Science in Practice is a diverse subject that provides students with a range of experiences and develops student awareness of science as it operates in workplaces and in society in general. It provides a combination of theoretical knowledge and practical application through a blend of classroom activities and first-hand practical experiences.

Two concepts lie at the core of this course; Health and Sustainability. Students will investigate the application of science and technology in the following units:
1. Dial E for Emergency
2. Lights Camera Action
3. A Balanced Diet
4. Is it Safe to Eat – Microbiology
5. Sustainable Building
6. Environmental Sustainability
7. Dermatology – Science of the Skin
8. Sports Science

PREREQUISITE SUBJECTS: C or greater in Year 10 Science.

COSTS: Excursions may be organised throughout the course to enhance student understanding of curriculum topics. Costs will be minimal and details will be confirmed in class.

Non-OP

Aquatic Practices
Aquatic Practices incorporates a study of the sea, inland waters and associated catchment areas. Since Australia is an island nation with most of its population living along its coastline or inland waters, this study area is interesting and relevant to many students throughout Queensland.

Safety and management issues are central to Aquatic Practices. An awareness of the need for responsible action in all water-related activities is vital to the safety of people in work related and recreational areas. Recognition of the significance of local government statutes, state and federal Acts of Parliament, and international treaties and agreements is necessary for the care and management of the sea and inland waters. Oceans and inland waters support significant industries in recreation, tourism, transport, food harvesting and cultivation, and mining.

Core areas of the specification other than safety and management, are commercial, environmental, recreational and cultural. The commercial area of the sea and inland waters presents many employment opportunities for young people in shipping and water transport. Study of the environment, with a focus on sustainable practices, is significant to the success of marine and aquatic ventures.

Students will also have the opportunity to gain many marine qualifications including a recreational boat licence, marine radio licence and snorkelling certification.

PREREQUISITE SUBJECTS: C or greater in Yr 10 Science.

COSTS: Subject levy fee which covers the cost of bus travel, venue hire, petrol and other costs associated with compulsory curriculum activities - $65 (Yr 11) & $85 (Yr 12).
<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects/courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professional</strong></td>
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</tr>
<tr>
<td><strong>Marine Science</strong></td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Chemistry Biology Physics Geography HPE</td>
<td>Marine Biologist Marine Engineer Coxswain Navigator Marine Pilot Aquaculture Marine Research Teacher</td>
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<tr>
<td>Prerequisite = B or greater in Core Science or a C or greater in Extension Science</td>
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<tr>
<td><strong>Biology</strong></td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Chemistry Marine Physics HPE Geography</td>
<td>Doctor Nurse Allied Health Horticulture Environmental Conservation Zoo keeper Vet Department of Primary Industries Teacher</td>
<td></td>
</tr>
<tr>
<td>Prerequisite = B or greater in Core Science or a C or greater in Extension Science</td>
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<tr>
<td><strong>Chemistry</strong></td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Maths C Physics Biology Marine Science Hospitality Studies</td>
<td>Doctor Pharmacist Vet Food Technician Drug Design and Research Dentist Teacher</td>
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</tr>
<tr>
<td>Prerequisite = A in Core Science or a B in Extension Science. Maths B or A</td>
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<tr>
<td><strong>Physics</strong></td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Maths C Chemistry Biology Marine Graphics</td>
<td>Doctor Engineer Dentist Radiographer Architect Teacher</td>
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</tr>
<tr>
<td>Prerequisite = A in Core Science or a B in Extension Science. Must also select Mathematics B</td>
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<tr>
<td><strong>Mathematics C</strong></td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Chemistry Physics Mathematics B</td>
<td>Actuary Biochemist Engineer Mathematician Physicist Pilot Programmer Teacher</td>
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<tr>
<td>Science in Practice</td>
<td>Non-OP QCE Full-time Employment</td>
<td>Rec. Studies Social &amp; Community Studies Tourism Furnishing Engineering Hospitality Practices Visual Art Studies Cert II Business Cert II in IT</td>
<td>Enrolled Nurse Ultrasound Technician Dental Technician Laboratory Supervisor Fitness Centre Manager Allied Health Professional</td>
<td></td>
</tr>
<tr>
<td>Science in Practice</td>
<td>Non-OP QCE Full-time Employment</td>
<td>Rec. Studies Social &amp; Community Studies Tourism Furnishing Engineering Hospitality Practices Visual Art Studies Cert II Business Cert II in IT</td>
<td>Animal Care Attendant Veterinary Nurse Laboratory Technician Dental Assistant Dispensing Assistant Fitness Instructor Allied Health Professional Food Process Worker Conserv. &amp; Land Management Horticulturalist Building Associate Sustainability Education Officer Social Sustainability Advisor Sustainability Project Managers Construction / Mining Labourer</td>
<td></td>
</tr>
</tbody>
</table>
Academy Overview
Subjects in the Academy of Society and Healthy Living help students prepare to be healthy, active, informed and global citizens. There are many tertiary and career opportunities in the fields of physiotherapy, sports medicine, exercise science, fitness, nursing, environmental management, justice studies, primary and secondary education, archaeology and many more. Students' learning styles are catered for, with various practical activities, excursions, and interesting class lessons planned. This academy aims to prepare students for lifelong learning by developing the skills required for the world outside of school.

Subject Overviews

**OP Geography**
Geography is the investigation and understanding of the environmental and human characteristics of the places that make up our world. Geography answers our questions about why places are like they are, and how they are connected to other places. It explains how and why they are changing, and how and why their characteristics vary from place to place. Geographers use an inquiry, themed-based approach to investigate the human and environmental interrelations on a local, national and global scale. Students employ their analytical and problem solving skills to examine authentic, real-world and current issues, such as climate change, disease, natural hazards and poverty.

**PREREQUISITE SUBJECTS:** Minimum of a “B” Year 10 History or English

**COSTS:** Field work is a compulsory part of the Geography course. Students participate in a camp in Year 11 and 12 both costing approximately $150 each. The Australian Geography competition takes place annually and is compulsory for senior Geographers. Cost is $2.

**OP Modern History**
The study of Modern History allows students to live more effectively as global citizens. Through the study of Modern History students will understand how the peoples and achievements of the recent past have influenced the modern world. Through the study of recent peoples and cultures will enable students to understand the processes of change and continuity that have shaped today’s world, their causes and the roles people have played in these processes. The focus is on inquiry-based learning where students develop these understandings through processes of critical inquiry, debate and reflection and through empathetic engagement with the viewpoint of others.

**PREREQUISITE SUBJECTS:** Minimum of a “B” Year 10 History or English

**COSTS:** Nil, although some excursion opportunities may develop with variable costs.

**OP Legal Studies**
Legal Studies focuses on enhancing students; ability to recognise the diverse legal situations and issues that arise in their everyday lives. The subject enables students to formulate personal views of the world and understand how the law affects their world. Through critical analysis, examination and problem solving, they are empowered to make decisions that can benefit themselves & the community.

This subject will be of benefit to students who have an interest in:
- acquiring knowledge of the relationship between law and society
- acquiring knowledge of citizens’ rights and responsibilities
- developing skills in using legal information
- communicating with others about legal matters
- responsible community membership

**PREREQUISITE SUBJECTS:** Minimum of a “B” Year 10 History or English

**COSTS:** Students will participate in at least one excursion each year to the Magistrates Court or other similar venue. Approximate cost is $20.
**OP – French**

The focus of the Senior French course is communication. It is a two year course designed to develop skills which allow students to competently compose and comprehend in French, across a wide range of subject matter. Students ‘experience’ and ‘use’ French through four major themes which have both resonance and relevance to their personal stages of development: family & community; leisure, recreation & human creativity; school & post school options; social issues.

From time to time, opportunities will arise where other topics can be included in the programme: e.g. The Olympic Games, The Tour de France, French Opera and Art.

**PREREQUISITE SUBJECTS:**
A minimum of a B in Year 10 French. Students with native speaking abilities will be given special consideration.

**COSTS:** Students are encouraged to participate in a variety of cultural pursuits, as opportunities arise. These may include attendance at excursions to the Opera, French Film Festivals, and restaurant visits. Students must equip themselves with a “French Verb Book”, which can be purchased through the school.

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**Non-OP Tourism**

Tourism is designed to provide students with a variety of intellectual, technical and workplace skills. It also enables students to gain an understanding of the role of the tourism industry and the structure, scope and operation of the related tourism sectors of travel, hospitality and visitor services. In the course of their studies, students will collect, analyse, and organise information, individually and in teams, particularly in the performance of practical tasks, related to topics such as ecotourism, special events tourism and international destinations. They will plan and organise activities, and will have opportunities to propose and implement solutions to tourism-related situations.

**PREREQUISITE SUBJECTS:** Minimum of a “C” in a Year 10 History or English

**COSTS:** There are compulsory excursions in both Year 11 and 12, with an approximate cost of between $40 and $60 per excursion.

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**Non-OP Social and Community Studies**

Social and Community Studies deals with the skills students need to function efficiently and positively in current and future life roles. The four life roles dealt with in the course are personal management, management of relationships, resources management and community involvement/management (local, state, national and global). The four life roles (plus the associated life skills) are interdependent and provide a framework for the course. Life Skills included are personal, social, self-management and citizenship.

Students investigate the life roles through a variety of elective units including:

1. Australia – the Inside Story
2. Personal Economics
3. Gender Studies
4. How to be a discerning consumer
5. Legally – it could be you

**PREREQUISITE SUBJECTS:** Minimum of a “C” in a Year 10 History or English

**COSTS:** There are compulsory excursions with an approximate cost of between $40 to $60 per excursion.

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**Non-OP Early Childhood Studies**

The main focus of Early Childhood is to promote the well-being of young children from birth to eight (8) years and create a greater awareness of the importance of quality childcare in the community. Students gain knowledge and understanding of the development of young children and are encouraged to use these understandings in performing a role that supports and enhances child development. Practical work placement is an essential part of the learning experiences in early Childhood. Suitable locations include childcare centres, kindergartens, pre-schools.

It is recommended that students spend a minimum of thirty (30) hours per year in a suitable location.
**OP - Physical Education**

In Physical Education, physical activity serves as a source of content and data and the medium for learning. Physical Education focuses on the complex interrelationships between psychological, biochemical, physiological and sociological factors in these physical activities. Learning occurs through physical activity with students also involved in written, oral, performance and other learning experiences explored through the study of selected physical activities such as Touch Football and Netball. The subject allows students to become active and well-informed members of society.

If you enjoy sport, or if you are interested in a career path in health, nursing, science, exercise or journalism, this subject is great for you!

**PREREQUISITE SUBJECTS:** Minimum of a “B” in Year 10 HPE.

**COSTS:** Students may participate in a range of workshops/competitions outside of the school, for which there may be an additional cost for transport. No more than $40 per year should be spent for PE.

**Step Up to University – Sport Psychology**

In Year 12, students have the opportunity to drop one of their subjects and pick up this course. The topic is ‘Sport Psychology’ and it is a subject from a university course at ACU. Students work with lecturers from the university as well as their class teacher, to learn about psychology, motor units, brain activity, motivation, feedback and goal setting whilst also being educated on essay writing, referencing and research techniques. If students are successful in completing this subject as well as English, they are guaranteed entry into the Bachelor degrees of Exercise Science or Health Science at ACU. This subject will run off line (before/after school) but will allow students to have three spares during the school week.

This subject also gives students two QCE points.

Cost would be approximately $40 for excursions to the university.

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**Certificate III in Fitness – SIS30310**

Certificate III in Fitness is delivered under a memorandum of understanding between the school and Binnacle Training College, Provider number: 31319.

This course enables students to learn about anatomy and physiology, nutrition, screening and fitness appraisals, exercise programming, equipment use and maintenance, as well as generic work skills such as communication, client service, risk analysis and first aid. Learning occurs through the completion of units which will be taught and assessed in class. Laptop a definite advantage.

Course Competencies:

- SISOHS101A – Follow occupational health and safety policies
- SISIND101A – Work effectively in a sport and recreation environment
- SISFAC201A – Maintain sport and recreation equipment for activities
- SISXRSK301A – Undertake risk analysis of activities
- SISFIT302A – Provide quality service in the fitness industry
- SISFIT301A – Provide fitness orientation and health screening
- SISFIT306A – Provide healthy eating information to clients in accordance with recommended guidelines
- SISFIT305A – Apply anatomy and physiology principles in a fitness context
- SISFIT303A – Develop and apply an awareness of specific populations to exercise delivery
- HLTF301C – Apply first aid
- SISFIT307A – Undertake client health assessment
- SISFIT308A – Plan and deliver gym programs
- SISFIT304A – Instruct and monitor fitness programs
- SISFIT311A – Deliver approved community fitness programs
- BSBWOR301B – Organise personal work priorities and development

*This Certificate gives students 8 QCE points on completion.*

**PREREQUISITE SUBJECTS:** At least a C in year 10 HPE as well as a demonstrated interest in the health and fitness industry, certified by a PE teacher.

**COSTS:** $340 By week 6 of year 11 (for Certification and some Excursions)

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**Non-OP – Recreation**

This subject requires students to participate in a variety of physical pursuits within a recreational environment. Learning occurs through physical performance as well as theoretical undertakings such as journals, assignments and tour organisations. Leisure activities such as bush walking, racquet sports and canoeing make up the majority of the subject; hence the course name ‘Recreation’. If you enjoy being active, trying new things and group activities, this subject is for you!

**Early starts (7am)** occur in this subject one day a week for one Term per year. Students MUST be able to attend these lessons.

**PREREQUISITE SUBJECTS:** A ‘C’ in year 10 PE.

**COSTS:** $85 per year
## Future Pathways
### SOCIETY and HEALTHY LIFESTYLES ACADEMY

<table>
<thead>
<tr>
<th>Pathway</th>
<th>SUBJECT</th>
<th>GOAL/s</th>
<th>Sample compatible subjects /courses</th>
<th>Possible Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional</td>
<td>Geography</td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Biology, Chemistry, Marine Science, Modern History, Hospitality Studies</td>
<td>Environmental Manager, Scientist, Journalist, Teacher, Park Ranger, Engineering, Town Planning, Architecture, Forestry and Fishery, GIS manager</td>
</tr>
<tr>
<td></td>
<td>Legal Studies</td>
<td>OP QCS QCE Bachelor Degree, JP Qual.</td>
<td>Business, Management, Modern History, Geography, Hospitality Studies</td>
<td>Lawyer, Teacher, Museum Curator, Librarian, Politician, Public Services, Police, Customs Officer, Court Clerk, Criminologist, Solicitor, Social worker</td>
</tr>
<tr>
<td></td>
<td>Modern History</td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Legal Studies, Business, Management, Geography, French, Visual Art Studies, Drama</td>
<td>Archaeologist, Lawyer, Teaching, Museum Curator, Librarian, Journalist, Administrator, Diplomat</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Biology, Chemistry, Marine Science, Physics, Hospitality Studies, Business, Management, Modern History, Geography, Cer III in Fitness</td>
<td>Doctor, Dietician, Physiotherapist, Nurse, Teacher, Exercise Physiologist, Physiologist, Sports Journalist, Marine Biologist, Occupational Therapist</td>
</tr>
<tr>
<td>Step-Up</td>
<td>ACU direct entry QCE QCS</td>
<td>Biology Chemistry Marine Science Physics Business Management Cert III in Fitness</td>
<td>Nurse Teacher Psychologist Sport Trainer Physiotherapist Biomechanist</td>
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<tr>
<td>French</td>
<td>OP QCS QCE Bachelor Degree</td>
<td>Maths B or Maths C English Extension Legal Studies Geography Accounting Physical Education</td>
<td>Army Officer Customs Officer Diplomat Foreign affairs Journalist Lawyer Language Teacher Linguist University lecturer Singer Speech Therapist</td>
<td></td>
</tr>
<tr>
<td>Geography</td>
<td>Rank QCS (opt) QCE Diploma</td>
<td>Biology Chemistry Marine Modern History Hospitality Studies French Legal Studies Tourism</td>
<td>Park Ranger Draftsperson Forestry and Fishery manager Tour Guide</td>
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<tr>
<td>French</td>
<td>Rank QCS (opt) QCE Diploma</td>
<td>Maths B English Communication Physical Education Dance</td>
<td>Actor Army soldier Hotel/motel manager Police Officer –AFP Receptionist Writer</td>
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<tr>
<td>Physical Education</td>
<td>Rank QCS (opt) QCE Diploma Cert IV</td>
<td>Biology Chemistry Marine Physics Hospitality Studies Business Management Modern History Geography</td>
<td>Dietician / Nutritionist Nurse Teacher Exercise Scientist Psychologist Exercise Physiologist Marine Biologist Sport Journalist Occupational Therapist</td>
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<tr>
<td>Certificate III in Fitness</td>
<td>QCE Rank Traineeship Apprenticeship</td>
<td>Recreation Aquatic Practices Hospitality Practices Business Management</td>
<td>Sports Coach Sports Photographer Personal Trainer Chef Barista Sport Manager Rehabilitation Officer</td>
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<tr>
<td>Skilled</td>
<td>Social and Community Studies</td>
<td>Tourism</td>
<td>Early Childhood</td>
<td>Recreation Studies</td>
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</tr>
<tr>
<td>Prerequisite = C&gt;</td>
<td>Non - OP QCE Rank Full-time Employment</td>
<td>Early Childhood Tourism Science in Practice Legal Studies</td>
<td>Community Worker Youth Worker Bank Officer Retail Assistant Public Service Office</td>
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<tr>
<td></td>
<td>Non - OP QCE Full-time Employment</td>
<td>Hospitality Recreation Aquatic Practices Visual Art Studies</td>
<td>Entry level jobs as: Theme park worker Coach driver Retail assistant Hospitality services Airport services attendant</td>
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<tr>
<td></td>
<td>Non-OP QCE Full-time Employment</td>
<td>Maths A English Communication Tourism Hospitality Practices Recreation Music Studies</td>
<td>Child Care worker Nanny Youth worker Nurse enrolled Sales assistant</td>
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<tr>
<td></td>
<td>QCE Full-time Employment</td>
<td>Recreation Hospitality Aquatic Practices Drama Studies Dance Studies Tourism</td>
<td>Waitress Activities Coordinator Assistant Coach Travel Consultant Sports Photographer Gym Instructor</td>
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</table>
OPTIONAL External Courses

These courses may provide students with an opportunity to obtain QCE Credit Points in either Preparatory, Core or Advanced Category (possible 3 to 8 points).

*Please note – courses are not conducted at school.

Courses which may be commenced in Year 11 and continue for 1 to 2 years:
- TAFE BRISBANE (Bracken Ridge, Caboolture, Redcliffe & Southbank Campuses)
- SkillsTech – Trade courses at Bracken Ridge campus

*Enquiries regarding these courses should be directed to Deputy Principal, Senior Schooling or the Senior Schooling Office.

TAFE COURSE INFORMATION

BRISBANE NORTH INSTITUTE of TAFE (TAFE BRISBANE) and SKILLS TECH (Trade Courses) Courses will be negotiated when student numbers are finalised. Full course details are available from the Senior Schooling Office. Interested students may collect a Course Guide Booklet.

To be eligible for a TAFE course students need to:
- Complete an ‘Expression of Interest’ form and a Parent Consent (Forms are available from Senior Schooling) NB: ONE TAFE course only is allowed per student but students can select a back-up course if their first course preference does not go ahead or is full.
- Attend an information evening if possible at relevant TAFE/SkillsTech campus to receive application pack – see Senior Schooling for a schedule of these events.

Other Requirements:
Some TAFE courses may have a compulsory requirement that students are involved in Structured Workplace Learning. Students will be required to find a their own placement with the support of the TAFE to achieve a completed certificate.

Time Frames:
Courses mostly run one day a week over one or two years. Courses can vary in length from 3 to 7 hours.

Transport:
*Students will need to find their own transport to the relevant TAFE campus.*

Subject Choices:
- All Year 11 students commence the year with 6 subjects.
- After Semester One consideration may be given to TAFE students who are on track with their competencies, to reduce their school subjects to 5 (including Maths and English). This means that their 6th subject choice will automatically be a TAFE Tutorial which will be held at school to assist them with their studies.

FOR STUDENTS TO QUALIFY FOR THESE TAFE/SkillsTech COURSES THEY NEED TO:
1. Complete a TAFE/Skills Tech expression of interest form at time of SETP interview.
2. Attend an interview with Senior Schooling.
3. Attend a TAFE (only) information seminar if possible.
4. Not all students are guaranteed a placement as numbers are limited.
5. School submits the TAFE New Student Details forms to TAFE and SkillsTech – these forms are due in to Senior Schooling Office by the end of Term 3.