

2017 Senior Subject Handbook

Years 11 & 12



Academic | Cultural | Sporting | Community

VARSITY *College*

Dare to Dream

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Subject Changes: A guide for students and their families

This guide provides direction for Varsity College families on the processes and procedures that may take place in order for students to change subjects they have previously selected during subject selection processes facilitated during the Year 10 SET Plan process in Year 10.

Varsity College has a thorough SET Plan process which is conducted throughout Bravado lessons in Year 10, Semester II. The College also hosts a Careers Expo and Subject Selection Information evening to assist students and parents in making informed decisions about subject selection. As the process is so thorough, the need for subject change should be minimal.

REASONS FOR SUBJECT CHANGE

In general a subject change may only be permitted in the following circumstances:

A student is obtaining less than satisfactory results.

Students will be identified as requiring a subject change by:

- Identification through the At Risk process run by the Deputy Head of School and Heads of Department
- Discussion between the student/teacher/parents at Parent Teacher Interviews
- Student self-identification and discussion of progress with a Faculty Head of Department

A student is on academic probation entering Year 11 and has agreed to change subjects after Term 1 Year 11 and/or Semester I Year 11 Academic Review (Year 11 only)

In this instance, the Deputy Head of School 11/12 will enact the changes as per the probationary documentation signed by parents and students during the SET Plan meetings in Year 10.

A student identifies a change of career/tertiary pathway alternate to that identified at the SET Plan meeting in Year 10.

Recommended subject changes may be permitted for Year 11- 12 students after a careers consultation with a Guidance Officer

A student has successfully attained a School-Based Traineeship/ Apprenticeship (Years 11 & 12 only) or has elected off campus study at Certificate III level or higher (Years 11 & 12 only)

Students and their families need to liaise with the Industry Liaison Officer, HOD Senior Schooling or Deputy Head of School 11/12 to rearrange a student's timetable to facilitate off campus study and QCE eligibility.

TIMING OF SUBJECT CHANGES

- Year 12: First two weeks of Semester 1 after analysis of reporting data during the At Risk Process. There will be no subject changes in Semester 2 of Year 12 for OP Pathway students
- Year 11: First two weeks of Semester I and first two weeks of Semester II or after the analysis of reporting data at the end of each semester.
- Year 9 & 10: First two weeks of Semester I and first two weeks of Semester II for elective subjects only.

Subject changes for traineeships or off campus study will be dealt with as soon as formal evidence of the applicant's success is received through ILO.

PROCEDURES FOR SUCCESSFUL SUBJECT CHANGES

- Students discussed changes with one of either the Deputy Head of School, HOD Senior Schooling or Heads of Department
- If a student is undergoing a pathway change or is academically at risk a meeting with the Guidance Officer and/or Deputy Head of School 11/12 will be scheduled.
- Student collects a Subject Change form from the top floor of the Senior Learning Centre
- Student discusses changes with parents and fills out Subject Change Form.
- Parents sign Subject Change Form
- Student returns form to the Deputy Head of School on the top floor Senior Learning Centre.
- Student remains in his/her classes until a new timetable is issued and/or emailed to student's EQ Webmail address

RESTRICTIONS

The following may restrict a student's subject change request:

- Class numbers or certificate courses enrolment limits
- Line class availability
- Failure to provide proof of enrolment for off campus study
- Academic prerequisites from Year 10 not being met
- QCE eligibility not being met

Year 12 - Qualification & Certification

Queensland Certificate of Education (QCE)

The QCE is a qualification that shows that a student has completed a significant amount of learning at a set standard of achievement and has met literacy and numeracy requirements. Authority subjects and Authority-registered subjects contribute to the calculations of the QCE, as well as school-based traineeships and university courses the student may undertake while at School. In order to achieve a QCE, students should do subjects that suit their skills and abilities (see Appendix 1).

Senior Education Profile (SEP)

All students who are eligible for a QCE, an OP or for a Tertiary Selection Rank will receive a Senior Education Profile (SEP). The Senior Education Profile (SEP) is a transcript of the learning account for all students completing Year 12 at a school. It details what learning was attempted, the results achieved that may contribute to the QCE, and where and when the learning took place (see Appendix 2).

To attend a university or other tertiary institution, students can now choose from two different pathways: an Overall Position (OP) or Tertiary Selection Rank. A student's chosen pathway will depend on her strengths, abilities, interests, and career aspirations. Both pathways are equally valid, and both have benefits and limitations. It is recommended that both pathways are explored before any decisions are made.

Students interested in University also need to earn an OP or a Selection Rank.

Overall Position (OP)

The OP reflects a student's rank order in relation to all other eligible Year 12 students in the State. The Overall Position range is from 1 (the highest) to 25 (the lowest). To attain an OP, students must study subjects classified as Authority subjects.

To be eligible for an OP you must:

- Study a total of 20 semester units of Authority subjects
- Study three of your subjects for 4 semesters
- Sit the QCS Test
- Successfully complete all set course requirements.

It is calculated on the results of the students, best 20 semesters units (see Appendix 3).

Tertiary Selection Rank

The Tertiary Selection Rank is given to students based on the successful completion of a Vocational Studies pathway or when you don't meet the criteria for an OP. This is based on the successful completion of a combination of either:

- Authority subjects,
- Authority-registered subjects,
- Vocational Educational and Training (VET) studies including school-based traineeships or external programs or
- Qualifications gained outside the school which can achieve a selection rank e.g. some external Music and Drama courses (AMEB, Trinity) (see Appendix 4).

Subject Prerequisites – Summary

Subject	Supervising Department	Subject & Academic Prerequisite
Accounting OP	Social Science	B in Year 10 Accounting
Biology OP	Science	B in Year 10 Biology or Chemistry
Business Studies SAS	Social Science	None
Certificate II Engineering Pathways	Senior Schooling	None
Certificate II Sports & Recreation/Cert III Fitness	Physical Education	None – strong interest in Fitness
Certificate II in Telecommunications	Senior Schooling	Maths A capacity an advantage
Certificate III Business	Senior Schooling	Pass in English
Certificate III Early Childhood Education & Care	Senior Schooling	C in Year 10 English advantageous
Certificate III Surveying & Spatial Information Services	Senior Schooling	B in Year 10 Maths A advantageous
Certificate IV Crime and Justice Studies	Senior Schooling	C in Year 10 English advantageous
Chemistry OP	Science	B in Year 10 Chemistry
Chinese OP	Social Science	Year 9 and 10 Chinese
Dance Studies SAS	Performing Arts	Year 10 Dance/outside dance advantageous
Drama OP	Performing Arts	B in Year 10 Drama
Economics OP	Social Science	B in Year 10 Economics OR Geography OR History
Engineering Technology OP	Practical Arts	B in Year 10 Engineering Technology and B for Year 10 Maths A
English OP	English	B in Year 10 English – English Core not acceptable
English Communications SAS	English	Year 10 English
Film, Television and New Media OP	Performing Arts	B in Year 10 Film, Television & New Media
Geography OP	Social Science	B in Year 10 Geography or Economics
Graphics OP	Practical Arts	B in Year 10 Graphics
Hospitality Practices SAS	Practical Arts	None
Industrial Technology Studies SAS	Practical Arts	None
Information Processing Technology OP	Mathematics	B in Year 10 IPT
Maths Prevocational SAS	Mathematics	Year 10 Mathematics
Maths A OP	Mathematics	Year 10 Maths A achieving at a B standard
Maths B OP	Mathematics	Year 10 Maths B achieving at a B standard
Maths C OP	Mathematics	Year 10 Maths B and Maths C (concurrent study)
Modern History OP	Social Science	B in Year 10 History
Music OP	Performing Arts	B in Year 10 Music PLUS instrumental/voice background
Physical Education OP	Physical Education	B in Year 10 Physical Education
Physics OP	Science	B in Year 10 Physics
Recreation Studies SAS	Physical Education	None
Social and Community Studies SAS	Social Science	None
Visual Art OP	Performing Arts	B in Year 10 Visual Art

Accounting

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Accounting

Subject Information:

Accounting focuses on the study of Accounting principles and practices and enables students to understand the processes involved in generating, recording, classifying, analysing, interpreting and reporting Accounting information. This course is also designed to prepare students for further education, training and employment.

QCAA

Authority Subject

This subject contributes to an OP result.

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound level or higher.

Further study

Bachelor of Business
Bachelor of Commerce
(Accounting, Commerce,
Finance)
Bachelor of Law
Diploma and Advanced
Diploma of Accounting

Career Pathways

Accountancy in a variety
of industries, Bookkeeping
Business Project Manager,
Banking and Finance,
Financial Planner, Small
Business Manager,
Business Analyst

Years 11 and 12

Semester I – Topics covered include:

Recording business transactions, posting to ledger
accounts, balance day adjustments closing entries,
reversing entries

GST

The Income Statement, the Balance Sheet and Earning
Capacity Ratios

Semester II – Topics covered include:

Accounting for Cash

Bank Reconciliation

Cash Flow Statements

Accounting for Inventories

Electronic Business

Semester III – Topics covered include:

Accounting for Non-Current Assets

Accrual Accounting

Analysis of Financial Reports (Spreadsheets)

Semester IV – Topics covered include:

Budgeting and Cash Budgets (Spreadsheets)

Integrated Accounting Package (MYOB)

Personal Financing and Investing elective OR

Integrated Investigation elective

Core Assessments in this subject

Applied Practical Procedures

Practical Application Objective/Short Response Exams

Practical Application/Response to Stimulus Exams

Research Assignment

Extended Response Practical Application Exams

Oral Presentation

Biology

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Biology

Subject Information:

Biology is an Authority Subject that gives students a clear insight into the concept of life. Students will learn how living organisms exist in the everyday world and how this impacts students' own lives. It encompasses studies of the origin, development, diversity, functioning and evolution of living systems and the consequences of intervention in those systems. Biology provides learning experiences in identifying, gathering, manipulating and processing information in scientific endeavours including field investigations.

QCAA

Authority Subject

This subject will contribute to an OP result.

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

Biology may be a prerequisite subject for entry into the following courses;

Bachelor of Science,
Bachelor of Nursing,
Bachelor of Education,
Bachelor of
Environmental Science

Career Pathways

Medical practitioner
Botanist
Dentist
Environmental scientist
Physiotherapist
Fishery officer
Marine Biologist

Years 11 and 12

Semesters I & II - Topics covered include:

Cell Biology

Animal Physiology

Ecology Diversity

Conservation

Year 11 students complete a 3-day camp at Hastings Points to collect primary data for an extended experimental investigation. This attracts an additional fee to the general school fees for Year 11.

Semesters III & IV

Energy and Growth

Reproduction

Genetics and Disease

Consolidate topics from Year 11.

Core Assessments in this subject

Exams

Extended Responses

Extended Experimental Investigations

10 hours of mandatory field work

Business Studies

PREREQUISITE GRADE FOR ENTRY: None

Subject Information:

Business Studies allows students to develop practical business knowledge. It provides an understanding of skills for use, participation and participation in a range of business contexts. Knowledge and skills needed in the business sector will be developed. The Business sector is estimated to employ over 2 million Australians and is growing at the rate of approximately 5% per year. Exciting and challenging career opportunities exist in the business sector across a range of business contexts.

QCAA

Authority Registered Subject

This subject will contribute to a QCE not an OP Result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Career Pathways

Office administration
Data entry
Retail
Sales
Reception
Small Business
Finance Administration
Public Relations
Property Management
Events Administration
Marketing

Further study

Tertiary Entrance – TAFE and technical colleges

Years 11 and 12

Core Topics:

Business fundamentals - develop understanding of how a business operates and functions

Financial literacy - make informed and effective decisions in consumer and financial contexts

Business communication - effectively exchange information through different modes of interaction for the purpose of carrying out business activities

Business technology - select and use technology applications to process, convey and present information effectively.

These topics will be explored through four business functions:

Working in administration
Working in finance
Working with customers
Working in marketing

Business contexts may include:

Retail
Tourism
Real Estate
Financial Services
Service Industries

Core Assessments in this subject:

Project
Investigation
Extended response to stimulus
Examination

MEM20413 Certificate II Engineering Pathways

PREREQUISITE GRADE FOR ENTRY: None

COST*: This course is VETiS funded

Please note: Students may only access ONE VETiS funded course over Years 10/11/12



Subject information:

This certificate offers exposure to engineering or related work environments, providing opportunity for students to develop engineering specific knowledge and skills which will enhance their prospects of employment in an engineering field. This course is delivered in Yatala. Students must be prepared to travel by train followed by RTO trainer pick up and drop off from the station.

AQF

Nationally Recognised
Level II Certificate
RTO: Major Training Group
(RTO:6139)

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, when all units of competency have been successfully completed.

Further study

TAFE and further education
Apprenticeships
Traineeships

Career pathways

This qualification will enhance the graduates' entry-level employment prospects for apprenticeships, traineeships or general employment in an engineering-related workplace

Year 11 or 12: One year course.

Delivery: One day per week off campus at Yatala workshop

Core Units:

MEM13014A Apply principles of occupational health and safety in the work environment (Including White Card CPCCOHS1001A)

MEMPE005A Develop a career plan for the engineering and manufacturing industry

MEMPE006A Undertake a basic engineering project

MSAENV272B Participate in environmentally sustainable work practices

Elective Units:**

MEM16006A Organise and communicate information

MEM18001C Use hand tools

MEM18002B Use power tools/hand held operations

MEMPE001A Use engineering workshop machines

MEMPE002A Use electric welding machines

MEMPE007A Pull apart and re-assemble engineering mechanisms

MSAPMSUP106A Work in a team

Service agreement: This is a 12 month course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided at commencement of study. Students successfully achieving all qualification requirements will receive a qualification and statement of results. Students who achieve at least one unit (but not the whole qualification) will receive a statement of attainment. Please be advised that students who enrol late may receive only a statement of attainment.

Core Assessment in this subject

Competency based assessment as a combination of theory and practical work

* Fee at the discretion of the providing RTO and subject to change

** Units of competency at the discretion of the providing RTO and subject to change

SIS20115 Certificate II in Sport and Recreation & SIS30315 Certificate III in Fitness

COST*: available at Varsity only as a VETiS funded course to eligible applicants

Please note: Students may access only ONE VETiS funded course over Years 10/11/12



Subject Information:

The combined Certificate II in Sport and Recreation and Certificate III in Fitness course is run over a two-year period in Years 11 and 12. It is offered at Varsity College under the auspices of Gold Coast TAFE.

<p style="text-align: center;">AQF</p> <p style="text-align: center;">Nationally Recognised Level II & III Certificate Gold Coast TAFE (RTO 0083)</p> <p style="text-align: center;">QCE</p> <p style="text-align: center;">12 credit points</p> <p style="text-align: center;">This course will contribute 12 credit points: Cert II attracts 4 points and Cert III 8 points towards the QCE, when all units of competency within the course are successfully completed.</p>	<p>Certificate II in Sport and Recreation and Certificate III in Fitness</p> <p>This qualification provides the skills and knowledge for students to be competent in a range of activities and functions that require autonomous work with a defined range of exercise instruction situations and activities. (GC TAFE)</p> <p>Upon successful completion, students are certified with two qualifications that credit 12 points towards Queensland Certificate of Education (QCE):</p> <p>Core Units (13)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">SISXEMR001</td> <td>Respond to emergency situations</td> </tr> <tr> <td>SISXFAC001</td> <td>Maintain equipment for activities</td> </tr> <tr> <td>SISXIND001</td> <td>Work effectively in sport, fitness and recreation environments</td> </tr> <tr> <td>BSBWOR202</td> <td>Organise and complete daily work activities</td> </tr> <tr> <td>SISXIND002</td> <td>Maintain sport, fitness and recreation industry knowledge</td> </tr> <tr> <td>HLTAID003</td> <td>Provide first aid</td> </tr> <tr> <td>SISFFIT006</td> <td>Conduct fitness appraisals</td> </tr> <tr> <td>BSBRK410</td> <td>Identify risk and apply risk management processes</td> </tr> <tr> <td>HLTWHS001</td> <td>Participate in workplace health and safety</td> </tr> <tr> <td>SISFFIT001</td> <td>Provide health screening and fitness orientation</td> </tr> <tr> <td>SISXCAI001</td> <td>Provide equipment for activities</td> </tr> <tr> <td>SISXCCS001</td> <td>Provide quality service</td> </tr> <tr> <td>SISXCAI002</td> <td>Assist with activity sessions</td> </tr> </table> <p>Elective Units (6) **</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">SISFFIT014</td> <td>Instruct exercise to older clients</td> </tr> <tr> <td>SISFFIT011</td> <td>Instruct approved community fitness programs</td> </tr> <tr> <td>SISFFIT003</td> <td>Instruct fitness programs</td> </tr> <tr> <td>SISFFIT002</td> <td>Recognise and apply exercise considerations for specific populations</td> </tr> <tr> <td>SISFFIT014</td> <td>Provide healthy eating information</td> </tr> <tr> <td>SISFFIT004</td> <td>Incorporate anatomy and physiology principles into fitness programming</td> </tr> </table> <p>Units covered in these Certificates include:</p>	SISXEMR001	Respond to emergency situations	SISXFAC001	Maintain equipment for activities	SISXIND001	Work effectively in sport, fitness and recreation environments	BSBWOR202	Organise and complete daily work activities	SISXIND002	Maintain sport, fitness and recreation industry knowledge	HLTAID003	Provide first aid	SISFFIT006	Conduct fitness appraisals	BSBRK410	Identify risk and apply risk management processes	HLTWHS001	Participate in workplace health and safety	SISFFIT001	Provide health screening and fitness orientation	SISXCAI001	Provide equipment for activities	SISXCCS001	Provide quality service	SISXCAI002	Assist with activity sessions	SISFFIT014	Instruct exercise to older clients	SISFFIT011	Instruct approved community fitness programs	SISFFIT003	Instruct fitness programs	SISFFIT002	Recognise and apply exercise considerations for specific populations	SISFFIT014	Provide healthy eating information	SISFFIT004	Incorporate anatomy and physiology principles into fitness programming
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<p>Further study</p> <p>Certificate IV in Fitness</p> <p>Diploma in Fitness</p> <p>Bachelor of Exercise Science</p> <p>Bachelor of Human Movement</p> <p>Career pathways</p> <p>Exercise Instructor:</p> <ul style="list-style-type: none"> Gym Aqua Group <p>Personal trainer</p> <p>Sport trainer</p>																																							

Core Assessments in these certificates

Program delivery will combine both class-based tasks and practical components in a real gym environment at the school. This involves the delivery of a range of fitness programs to clients within the school community (students, teachers and staff).

A range of teaching/learning strategies will be used to deliver the competencies. These include:

Practical tasks
Hands-on activities involving clients
Group work
Work experience within the school gym

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

Service agreement: This is a two-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided at commencement of study. Students successfully achieving all qualification requirements will receive a qualification and statement of results. Students who achieve at least one unit (but not the whole qualification) will receive a statement of attainment. Please be advised that students who enrol late may only receive a statement of attainment.

All modules and practical placement must be completed by September of Year 12

* Fee at the discretion of the providing RTO and subject to change

** Units of competency at the discretion of the providing RTO and subject to change

ICT20213# Certificate II in Telecommunications

PREREQUISITE GRADE FOR ENTRY: Maths A advantageous

COST*: available at Varsity only as a VETiS funded course to eligible applicants

Please note: Students may access only ONE VETiS funded course over Years 10/11/12



Subject Information:

This subject offers theoretical and practical knowledge of indoor and outdoor installation, operation and maintenance of domestic, commercial and industrial telecommunication equipment and products.

AQF

Nationally Recognised Level II Certificate
Telecommunications
RTO: Aurora (RTO: 32237)

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, when all units of competency within the course are successfully completed.

Further study

TAFE and further education

Career pathways

Cabler and installer
Equipment installer
Security alarm installer
Telecommunications equipment operator

Pathway to Electrotechnology at either certificate II or III level – depending on maths capabilities

Year 11: 18 month course

Delivery: within timetabled lessons

Units of Competency: please note that these units may be subject to change within the new scope of registration for 2017

Core Units:

ICTWHS2170B Follow work health and safety and environmental policies and procedures
ICTTEN2219A Install and test internet protocol devices in convergence networks
BSBSUS201A Participate in environmentally sustainable work practices
ICTTEN2008A Use electrical skills in telecommunications work
ICTTEN2140B Use hand and power tools

Elective Units:**

BSBCUS201B Deliver service to customers
ICTCBL2134A Fix aerial cable
ICTRFN2164B Install a terrestrial antenna
ICTTEN2207A Install and configure a home or small office network
ICTCBL2066B Joint and terminate coaxial cable
ICTCBL2005B Install customer cable support systems

Service agreement: This is an 18 month course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided at commencement of study. Students successfully achieving all qualification requirements will receive a qualification and statement of results. Students who achieve at least one unit (but not the whole qualification) will receive a statement of attainment. Please be advised that students who enrol late may only receive a statement of attainment.

Core Assessment in this subject

Competency based assessment as a combination of theory and practical work

* Fee at the discretion of the providing RTO and subject to change

** Units of competency at the discretion of the providing RTO and subject to change

While this course was offered under an LOA with AURORA in 2016 the RTO anticipates it will be available under their new scope of registration in 2017 as ICT201315

BSB30115 Certificate III in Business

PREREQUISITE GRADE FOR ENTRY: Not applicable

COST*: \$RTV funding TAFE TBA



Subject Information:

This qualification equips students with the necessary work-ready skills, knowledge and confidence to assist in the day-to-day administration of a workplace. Job roles vary across industry sectors but job titles relevant to this qualification may include: customer service officer, data entry operator, general clerk, payroll officer, typist and word processing operator. It is delivered by an outside provider and, therefore, attracts fees in addition to the school fee.

AQF

Nationally Recognised
Level III Certificate
RTO Careers Australia 22479

QCE

8 credit points

This subject will contribute 8 credit points to the QCE, when all units of competency within the course are successfully completed.

Further study

Certificate IV in Business
Diploma in Business

Bachelor of Business

Career Pathways

Customer service officer
Data entry operator
General clerk P
Payroll officer
Typist
Word processing operator

Year 11 and Year 12 Semester Two - 18 month course

This qualification comprises 12 units of competency.

Students are encouraged to participate in a work placement attached to the units of competency studied throughout the course.

BSB30115 Certificate III in Business**

Service agreement: this is an 18 month course delivered under an LOA with the RTO, which guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided at commencement of study. Students successfully achieving all qualification requirements will receive a qualification and statement of results.

Units of competency To be advised in Semester II - example outline below

BSBCUS301	Deliver and monitor a service to customers
BSBWOR301	Organise personal work priorities and development
BSBITU304	Produce spreadsheets
BSBITU306	Design and produce business documents
BSBADM307	Organise schedules
BSBINN301	Promote innovation in a team environment
BSBWHS302	Apply knowledge of WHS legislation in the workplace
BSBCMM301	Process customer complaints
BSBDIV301	Work effectively with diversity
BSBPRO301	Recommend products and services
BSBSUS201	Participate in environmentally sustainable work practices
BSBWRT301	Write simple documents

Assessment in this certificate

Students complete various competency activities during class time and submit for correction. Competencies are awarded once students have demonstrated 100% accuracy in each module studied. Students have opportunities to resubmit to become competent.

* Fee at the discretion of the providing RTO and subject to change

** Units of competency at the discretion of the providing RTO and subject to change

CHC30113 Certificate III in Early Childhood Education and Care

PREREQUISITE GRADE FOR ENTRY: C in Year 10 English

Cost*: \$560

NB: there is an additional fee, to be advised, for HLTAID004 Provide an emergency first aid response in an and care setting



Subject Information:

This course is designed to provide students with an in-depth knowledge of working with babies, toddlers and young children. It is a hands-on course that covers a breadth of topics such as safety issues and care, the interaction and development of children, legal and ethical issues and working cohesively and effectively with co-workers in a childcare environment. It is an ideal course for students interested in working in Early Childhood Education and Care, childcare facilities or as a stepping-stone to the field of teaching and education. It is delivered through an outside provider, *Charlton Brown* and therefore attracts a course fee.

Please note: To complete the certificate level courses of study students must undertake **120 hours of structured work placement or, as needed, to have skills components signed off by the provider.**

<p style="text-align: center;">AQF</p> <p style="text-align: center;">Nationally Recognised Level III Certificate Charlton Brown (RTO 2508)</p> <p style="text-align: center;">QCE</p> <p style="text-align: center;">8 credit points</p> <p style="text-align: center;">This subject will contribute 8 credit points to the QCE, when all units of competency within the course are successfully completed.</p>	<p style="text-align: center;">Year 11 and 12</p> <p>The program for senior school is set up to provide both theoretical and practical applications of childcare. Students have access to <i>Real Care Babies</i> to simulate the care required for infants.</p> <p>It is important to note that students must complete a minimum of 120 hours work placement to complete this course. This time will occur during school holidays and after senior school hours. Some students may be required to engage in their workplace throughout the term and will, therefore, miss a week of normal timetabled lessons. Students are encouraged to find their own placements. The school will provide the work placement paperwork to cover students in the workplace.</p>
<p>Further study</p> <p>Diploma of Early Childhood Education and Care</p> <p>Bachelor of Education (Early Childhood)</p>	<p>CHC30113 Certificate III in Early Childhood Education and Care**</p> <p>HLTWHS001 Participate in work health and safety CHCDIV001 Work with diverse people CHCDIV002 Promote Aboriginal and/or Torres Strait Islander cultural safety CHCECE004 Promote and provide healthy food and drinks CHCECE003 Provide care for children CHCECE005 Provide care for babies and toddlers CHCECE 002 Ensure health and safety of children CHCECE007 Develop positive and respectful relationships with children CHCECE011 Provide experiences to support children's play and learning CHCECE001 Develop cultural competence CHCECE010 Support the holistic development of children in early childhood CHCECE006 Support behaviour of children and young people CHCECE012 Support children to connect with their world CHCECE013 Use Information about children to inform practice CHCPRT001 Identify and respond to children and young people at risk CHCECE009 Use an approved learning framework to guide practice CHCLEG001 Work legally and ethically HLTAID004 Provide an emergency first aid response in an education and care setting</p>

Career Pathways

Childcare worker
Childcare Director
Teacher
Professional Nanny
Assistant Educator
Playground Supervisor
Pre School Aide
Family Day Care Educator

Service agreement: This is a two-year course. Students must complete both the theoretical and practical elements of the units to be deemed competent. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided at commencement of study. Students successfully achieving all qualification requirements will receive a qualification and statement of results. Students who achieve at least one unit (but not the whole qualification) will receive a statement of attainment. Please be advised that students who enrol late may only receive a statement of attainment.

Core Assessment in this certificate

Students complete various competency activities during class time and submit for correction. Competencies are awarded once students have demonstrated 100% accuracy in each module studied. Students have opportunities to resubmit to become competent.

Each module is assessed via:

Work booklet

Assignments

Reflection questions

Students are also assessed while on practical placement in an Early Childhood Education and Care environment

***All modules and practical placement must be completed by:
September of Year 12***

* Fee at the discretion of the providing RTO and subject to change

** Units of competency at the discretion of the providing RTO and subject to change

CPC30112 Certificate III in Surveying and Spatial Information Services

COST*: \$750

Subject Information:

Spatial Information is an AQF Certificate III course that provides in the spatial sciences. Spatial information is used in many areas where patterns of data are analysed. Students will use satellite imagery, GPS, aerial photographs and geographic information systems.



AQF

Nationally recognised
Level III Certificate

RTO Canberra
Institute of
Technology
(RTO 0101)

QCE

8 credit points

This subject will
contribute 8 credit points
to the QCE when all units
of competency within
the course are
successfully completed.

Further study

Diploma of Spatial
Information
Associate Degree of
Spatial Science
Bachelor of Urban
Development (Spatial
Science)
Bachelor of Spatial
Science

Career Pathways

Geographic
Information Systems
Technician
Land Surveyor
Engineering Surveyor
Mining Surveyor
Town Planning
Land Development
Geographic
Information Systems
Technician

Year 11 or Year 12

One Year Course

This course is offered at school with weekly support from a Varsity teacher and backup support provided by CIT.

Students will gain practical experience in basic spatial data acquisition techniques using Geographical Positioning Systems (GPS), basic use of surveying equipment and Electronic Distance Measuring equipment (EDM), whilst developing skills in the use of Geographic Information Systems (GIS) and aerial photo interpretation

Units may include** (at the discretion of CIT lecturers and may be subject to change):

Core units

RIISTD201A Read and interpret maps
CPPSIS3014A Respond to client spatial enquiry
CPPSIS3020A Perform basic spatial computations
CPPSIS3015A Collect spatial data
CPPCMN303A Contribute to workplace safety arrangements industry

Elective units

CPPSIS3011A Apply map presentation principles
CPPSIS4022A Store and retrieve spatial data
CPPSIS2011A Prepare for work in the spatial information services industry
CPPSIS3017A Select operate and maintain equipment and supplies
CPPSIS3016A Provide field support services
CPPSIS4026A Read and interpret basic image data

Service agreement: this is a one-year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided at commencement of study. Students successfully achieving all qualification requirements will receive a qualification and statement of results. Students who achieve at least one unit (but not the whole qualification) will receive a statement of attainment. Please be advised that students who enrol late may only receive a statement of attainment.

Core Assessments in this certificate

Students complete various competency activities during class time and submit for correction and assessment. Units of competency are deemed satisfactorily completed only when students have demonstrated 100% accuracy in the module studied. Students have opportunities to resubmit to become competent.

All modules and practical placement must be completed by September of the year in which students enrol.

* Fee at the discretion of the providing RTO and subject to change

** Units of competency at the discretion of the providing RTO and subject to change

Certificate IV in Crime and Justice – new code pending

PREREQUISITE GRADE: C in Year 10 English

COST*: \$700 payable in advance direct to Unity College



Subject Information: This course provides relevant skill and knowledge for those wishing to enter, via further study, a variety of occupations related to justice issues; including the police service, corrective services, courts, legal offices, customs service, security industry and private investigations. The opportunity to complete this qualification prior to leaving school offers a significant advantage to students.

AQF

Nationally Recognised
Level IV Certificate -
Unity College (RTO 32123)

QCE

8 credit points

This subject will contribute 8 credit points to the QCE, when all units of competency within the course are completed successfully.

Further study

Successful completion of the course gives students direct entry into the Bachelor of Criminology at the University of the Sunshine Coast with 4 credit points (equivalent to 6 months off the duration of the course). Seek further information from Amanda Paton at Unity College (0404616650).

Career Pathways

Police service
Justice related occupations
Corrective Services
Courts
Legal Offices
Customs Office
Security Industry
Private Investigations

One Year Course (online, class and workshops)

Students who choose to complete this certificate will complete the units of this course in several different ways: online reading and activities, whole day workshops, evening tutorials.

Course Outline:

There are 10 Units of competency**

Core units (6) and Elective units (4)

BSBLEG413A	Identify and apply the legal framework
JUSCOM401	Communicate with clients on justice related issues
JUSDCP402	Prepare documentation for court proceedings
JUSSJI403	Analyse social justice issues
BSBRES401A	Analyse and present research information
PSPREG003	Apply regulatory powers
BSBLEG416A	Apply the principles of the law of torts
PSPREG409B	Prepare a brief of evidence
BSBWOR402A	Promote team effectiveness
BSBWOR404A	Develop work priorities

Questions and assistance can be sought from the Trainer and Assessor through the online program, via email, phone call or Skype. Extra assistance will be provided from the students' teacher or Certificate IV Crime and Justice teacher. There will on occasion be a need for students to attend after school hours sessions to complete practical assessments. These days will be advertised well in advance so appropriate arrangements can be made.

Service agreement: this is a one year course. The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided at commencement of study. Students successfully achieving all qualification requirements will receive a qualification and statement of results. Students who achieve at least one unit (but not the whole qualification) will receive a statement of attainment. Please be advised that students who enrol late may only receive a statement of attainment.

Unity College's Refund Policy – Fees payable directly to Unity College

No refunds are available unless the student can provide good cause and a medical certificate or show extreme personal hardship. Refunds will be at the RTO (Unity College) Principal's discretion and subject to an administration fee.

Core Assessment in this certificate: modules, workshops & tutorials

* Fee at the discretion of the providing RTO and subject to change.

** Units of competency at the discretion of the providing RTO and subject to change

This course is currently undergoing re-accreditation by ASQA. Final approval is pending. Information current as of 26/04/16.

Chemistry

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Chemistry

Subject Information:

Chemistry is an Authority Subject that engages students in an exciting and dynamic investigation of the material universe. The purpose of Chemistry is to give students a clear insight into the concepts of matter and materials and how they exist in the everyday world and promote an understanding of these. Matter and its interactions are the essence of Chemistry. Chemistry provides a platform and conduit for humankind to interact with and explore matter. Participating in a Chemistry course will immerse students in both practical and contextual aspects of the discipline. Chemistry can provide a uniting feature across the majority of scientific undertakings especially where "traditional" science boundaries are becoming blurred.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

Chemistry may be a prerequisite subject for entry into the following courses; Bachelor of Science, Bachelor of Engineering, Bachelor of Education Chemistry, Bachelor of Veterinary Science, Bachelor of Environmental Science.

Career Pathways

Biochemist
Nurse
Geologist
Dietician
Health services
Research chemist
Engineering
Veterinarian

Years 11 and 12

Semesters I & II Topics covered include:

Quantitative analysis of various substances in a natural water course

Periodic table trends

Analyse the atom and subatomic particles; includes electron configurations

Bonding relationships between atoms

Stoichiometry: the mathematics of chemistry

Gas laws as they apply to Scuba Diving

Semesters III & IV

Organic chemistry

Electrochemistry - creation of electrochemical and electrolytic cells

Acid/base equilibria and analysis of reversible reactions, in the study of swimming pools

Thermochemistry and changes in heat energy will also be studied including quantitative and qualitative measurements

Core Assessments in this subject

Response and stimulus exams

Written Exams

Extended Experimental Investigations

Chinese

PREREQUISITE GRADE FOR ENTRY: C in Years 9 and 10 Chinese

Subject Information:

Learning a language other than English widens horizons and leads ultimately to the capacity to view the world from the perspective of a new language and culture, to develop cross-cultural understanding and the acquisition of empathy toward other cultures. In an increasingly globalised world in which China is emerging as a major power, Chinese language skills are increasingly valued by employers and the wider community. Chinese is an Authority Subject that develops students' abilities to communicate both verbally and in writing in Chinese, commonly referred to as Mandarin in the Western world.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

The study of Chinese language is an asset to any participant in the globalised workforce. Australia and China enjoy an excellent bilateral relationship, and Varsity College graduates with Chinese language skills will be in demand in a variety of occupations, including business, education, manufacturing and trade.

Career Pathways

Foreign Affairs and Trade; Translation; International Business; Tourism; Customs; Defence; Journalism; Government; Education.

A second language is an asset in almost any field of employment.

Years 11 and 12

Semesters I & II Topics and skills covered include:

Language skills; learning to speak, understand, read and write Mandarin with reference to a variety of genres and discourses.

Comprehensive and realistic activities and scenarios

Topics of study include personal descriptions and adolescence; sports, hobbies and interests; geography, climate and landscapes; school life and future plans; and family and the home environment.

Semester III & IV Topics and skills covered include:

Extend and refine language skills to help prepare for the workforce or further study.

Increased complexity of language to develop fluency in realistic, contextual situations (for example a job interview in Chinese)

Topics of study include: tourism and hospitality; Chinese customs; environment and health issues; celebrations and graduation; and the Arts.

Core Assessment in this subject

Reading Assessments

Writing Assessments

Speaking Assessments

Listening Assessments

Dance Studies

PREREQUISITE GRADE FOR ENTRY: C in Year 10 Dance

Subject Information:

Students of Dance will identify and explore how dance is a powerful tool of communication. They will learn and develop skills in choreography and performance. This course provides students with the opportunity to be in role as the practitioner (maker, performer, manager and technician). Students will be required to commit to school event performances and eisteddfod performances as outlined in the units below.

QCAA

Authority Registered Subject

This subject will contribute to a QCE not an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

This line of study can be further pursued through TAFE and University courses around Australia, including Associate Diploma, Diploma and Degree courses at Queensland University of Technology, as well as advanced courses at private dance studios

Bachelor Fine Arts (Dance)
Bachelor Education

Career Pathways

Dance Teacher
Choreographer
Dance / Performer
Dance Teacher
Community Arts Worker
Education officers with performing arts companies and in youth arts
Public Servant in Dance-related Departments
Secondary Dance Teacher

Years 11 and 12

Shake It- Dance as Exercise

Dance as exercise and a social function. Creation of personal routines for a workshop.

Dance your way out of a Book-Dance for Particular Populations

Working with primary school students to develop age appropriate performances in the chosen theme for book week.

Love this city through Dance-Community Dance

Choreographing and performing at Awards, Dance Night and Christmas Carols.

Let me dance for you-Auditioning

Mock audition experiences. Students will present their own strengths by choreographing their own audition piece, compile a CV and present an unseen routine.

Varsity Broadway- Dance for Particular Populations

Learn and present a teacher devised musical theatre routine that will be presented in the school musical. Choreographing the school musical production in liaison with the teacher.

Step Up- Dance as Performance

Dance in entertainment, the media, in particular dance on screen television, films and movies and stage from different eras. They will have the opportunity to choreograph in their own style and learn another dance to present at public performances including: Winter Fair, Gold Coast Eisteddfod and Danc'Ed in the Spotlight.

Dance Extravaganza – Community Arts

Students will organize Awards Night, Sports Awards Night and Dance/Arts Night which will feature student choreography and performance pieces.

A New E-Vision- Dance Technology

Students will be required to collate a multimedia folio of all the dance experiences/highlights throughout the year and create a DVD to advertise Senior Dance. They will also be required to choreograph a final graduation piece to be presented at Awards Night.

Core Assessment in this subject

Choreography
Performance of devised repertoire

Drama

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Drama

Subject Information:

Drama focuses on the key concepts of forming, presenting and responding to dramatic form. Students will learn how the dramatic languages are manipulated to convey meaning within performances and apply this knowledge within their forming and presenting tasks. This subject fosters creativity, self-confidence, motivation, discipline and teamwork in an engaging environment.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

Bachelor of Acting
Bachelor of Stage Management
Bachelor of Education – Drama, Bachelor of Creative Industries

Career Pathways

Screen
Advertising
Creative Industries
Public Relations
Journalism
Tourism
Law
Psychology
Retail
Childcare
Counselling

Year 11 and 12 Topics covered include: Semester I & II

Realism and Magical Realism

Students will develop an understanding of elements of drama and conventions of Realism and its variations. They will engage with a range of texts that both challenge the audience and chronicle/document a particular society/time/place. They will be focusing on different contexts such as dramatic, personal, geographical and sociological when Presenting, Responding and Forming.

Greek Theatre, Visual Theatre, Cinematic Theatre and Physical Theatre

Students will explore the historical, sociological and cultural context of classical Greek texts and how these can be interpreted, re-envisioned and revived within a modern context. Forming, Presenting and Responding work will entertain and celebrate the Greek style and its modern re-inventions.

Semester III & IV

Greek Theatre or Elizabethan Theatre, Physical Theatre, Asian Theatre Forms, Realism, Magical Realism and Australian Gothic

Students will explore the complexity and variety of styles and forms within the current Australian context. They investigate how the cultural, historical, geographical contexts impact Australian theatre companies, directors, artists and playwrights, with a view to understanding how Drama works to empower, challenge, inform and entertain audiences.

Epic Theatre, Contemporary Political Theatre and Postmodern Theatre

Students will focus their Forming, Presenting and Responding work on how Drama can be used to challenge, empower and educate an audience on socio-political issues. This will develop through their own and other's explorations of political, sociological, historical, cultural, philosophical and environmental contexts.

Core Assessments in this subject

Presenting: Scripted Text or Student Devised Performance

Forming: *Non-Practical* - Scriptwriting or Devising an Original Dramatic Concept

Practical: Directing or Demonstrating a Devised Concept

Responding: Written or Multimodal or Examination

Economics

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Economics

Subject Information:

Economics is an Authority Subject that investigates the allocation of scarce resources compared to the unlimited wants and needs of the population. The subject examines various mechanisms and organisations within the economy that influence or determine how resources and wealth are distributed and managed. Assessment tasks for this subject include research tasks delivered as written reports and multi-media presentations, short response exams and stimulus response essay tasks.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at an SA1 or higher

Further study

Bachelor of Economics
Bachelor of Business
Bachelor of Commerce
Bachelor of Finance
Bachelor Education (Secondary)
Bachelor of Law

Career Pathways

Stock Broker, Banker
Real Estate Agent
Human Resource Management,
Manager, Economist,
Entrepreneur, Lawyer
and Teacher

Years 11 and 12 Topics covered include:

Semesters I & II

Markets and Models and the Circular Flow and Price Mechanism

Five sectors of the economy and how the government attempts to meet society's needs and wants.

Supply and demand and their influence on prices will be applied to the market for diamonds, health care and even wigs made of human hair.

Finance: the affordability of the Gold Coast housing market, the real cost of leaving home and the ability to earn wealth from property.

International trade; imports, exports, foreign debt and exchange rates to determine Australia's place in the global economy.

Industry and Business Concentration: Level of competition between Coles and Woolworths and impact of ACCC.

Semesters III and IV

Personal Wealth: investing in the Australian Stock Market and playing the ASX Stock Market Competition

Micro Economic Management: cost benefit analysis to determine the hidden cost of everything in our very own *Freakonomics* unit

Macro Economic Management: government's role in managing a budget and meet economic objectives. As the environment becomes a "hot topic" we delve into the ability of economics to help solve issues such as climate change and corporate responsibility for using resources in a sustainable manner.

Core Assessment in this subject

Oral Presentations

Research Reports

Response to Stimulus Exam

Short Response Exams

Engineering Technology

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Engineering and C in Maths B

Subject Information:

Engineering Technology is an Authority Subject that develops students' knowledge of the underlying concepts and principles of Engineering. By studying related contexts and applying principles to practical situations, students develop their understanding of Engineering concepts and the Engineering Industry.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Career Pathways

Studying Engineering Technology will help students in the following University/TAFE courses:

Engineering (Mechanical, Aviation, Mechatronic, Civil Electronic and Electrical , IT and software)
Built Environment
Industrial Design
Applied Sciences and Technology

Years 11 and 12 Topics covered include:

In Engineering Technology, students are required to undertake a variety of activities such as the testing of materials, formulation of problems, analysis of engineering solutions, modelling solutions and prototyping. These activities provide a framework by which theoretical concepts and principles can be investigated and tested. Through an inquiry approach, students are encouraged to become more aware of the interrelationships among technology, society and the built environment.

Across Years 11 and 12, Engineering Technology students will collect, analyse and organise engineering information and data from a variety of sources to communicate engineering ideas and information. Individually and in teams, students will plan and organise data collection and engineering production activities, including engineering experiments, modelling structures, and testing materials. Students will make decisions, judgements and recommendations about engineering problems, use mathematical concepts and techniques in preparing and interpreting engineering data, and develop the skills of critical thinking, problems solving and decision making in the content of theoretical and practical engineering situations. They will also use and apply a range of technologies, including automation systems, computer aided design methods, information and communication technologies, and software packages, utilising access to rapid prototyping equipment such as CNC routers, 3D printers and vacuum formers. Students are able to apply their knowledge to practically solve engineering design challenges including a gantry project, a mousetrap racer and a model bridge project.

Engineering Technology is designed for students who have an interest in the practical application of science, mathematics and technology. The course will provide the opportunity to pursue a wide variety of professional career pathways.

Core Assessment in this subject

Research reports

Written exams

Practical laboratory testing

English Communication

PREREQUISITE GRADE FOR ENTRY: Year 10 English Communication

Subject Information:

English Communication is an Authority Registered subject that develops student ability to make judgements about meanings in texts in preparation for lifelong learning. The program is designed to allow students to develop and use these communication skills in the areas of work, community and leisure. All students complete the English course in Year 10 and then will be advised about enrolment into either English or English Communication in Years 11 and 12.

QCAA

Authority Registered Subject

This subject will contribute to a QCE not an OP Result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

English Communication links directly into all AQF Certificate and Diploma courses at TAFE level.

Career Pathways

Business Communications All service industries English Communication develops the fundamental skills required for success in most careers.

Students aiming for university directly after Year 12 are advised to check course pre-requisites in relation to Authority English. English Communication may not be acceptable for entry into most Bachelor undergraduate degrees.

Years 11 and 12 Topics covered include:

Semester I & II

Documentary Analysis
Novel study
Opinion Making
Advertising
Tourism

Semester III & IV

Media impact on society
The ANZAC tradition
Novel study
Pathways and Choices unit which considers post-school options and workplace readiness.
International film and non-mainstream film
Persuasive speaking

Core Assessment in this subject

Written:

Response to Stimulus
Newspaper Report
Short Response Exam
Formal Letter
Feature Article

Spoken:

Persuasive Presentation
Documentary review
Promotional presentation
Persuasive speech
Interview

English

PREREQUISITE GRADE FOR ENTRY: B in Year 10 English (10 English Communications is not a suitable prerequisite)

Subject Information:

English is an Authority Subject that develops students' knowledge of how language works in culture as well as how language works in particular texts. By studying texts, learning and using language, students develop their capacities as literate members of Australian and global communities to participate actively in the worlds of work, study and leisure among other human pursuits.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

A Sound Achievement in English is a prerequisite for most university courses in Queensland.

English also links directly into certificate courses and bachelor degrees such as Communications, Arts, Journalism, Media, Business and Marketing

Career Pathways

Journalist
Entertainment – actor, radio
Teaching
Business
Law

Years 11 and 12 Topics covered include:

Semester I & II

Critical literacy concepts in relation to literary and popular media texts

Text types include: short stories, film, documentaries, poetry and novel. Assessment includes an analytical speech, feature article and written analytical exposition.

Representations in literature

Texts studied include: poetry, plays, novels and short stories. Assessment includes a dramatic monologue, persuasive speech (multi-modal).

Semester III & IV

Critical literacy concepts in relation to literary and popular media texts.

Representations in media and studying an Australian novel. Assessment includes an analytical speech, a feature article, and a monologue.

Representations in Literature

Reflect on the two year English course
Novel and play studies
Theme-based independent study
Assessment includes an analytical essay, a persuasive speech, and a final assessment task negotiated by the student.

Core Assessment Genres in this subject

Written:

Feature Article
Analytical Exam
Monologue

Spoken:

Analytical Speech
Persuasive Speech
Year 12 Term 4 Independent Study: negotiated with teacher

Film, Television and New Media

PREREQUISITE GRADE FOR ENTRY: B in Year 10 FTV

Subject Information:

Film, Television and New Media is an Authority Subject that focuses on the key concepts of Technology, Film Language, Representations, Audiences and Institutions. Assessment tasks for this subject include design tasks (in the form of scripts, shot lists and design briefs), production tasks that are group and individual in nature, and critique tasks that research, analyse and deconstruct the meaning behind media texts.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

Certificate II, III, IV, or Diploma in Screen or Multimedia

Career pathways

Screen
Advertising
Creative Industries
Public Relations
Editor
Camera operator
Journalism
Tourism

Years 11 and 12 Topics covered include:

Semester I & II

Film Art

An exploration into the aesthetics of photography and cinematography language of shot design and composition.

Study of the technology employed to make screen media productions.

Australian Stories

Australian Stories is a study of Australian society, identity & culture as depicted through Australian films.

Totally Varsity

Study of children's infotainment programs, with a specific focus on documentary filmmaking techniques and the way in which screen media uses them to educate and inform.

Semester III & IV

Short Film Festival

Analysis of film auteurs and gender politics across film products.

Hollywood in World Politics

Americanisation of the global village, dominated largely through the image of America as it appears to audiences via screen media productions.

An examination of the way media is utilised as a weapon of politics or protest as well as techniques of propaganda used to position audiences.

Film Styles

Film Styles is a study of foreign and artistic films and their difference in design to the classic Hollywood cinema.

Core Assessment in this subject

Scripts and Treatments

Analytical Essay

Short Films

Documentaries

Geography

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Geography

Subject Information:

Geography is an Authority Subject that focuses on the study of spatial information regarding people and their relationship with the environment. Assessment tasks for this subject include practical tasks that involve map and graph making, field investigations including report writing, short response tests and stimulus response essay tasks.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

Bachelor Environmental Management
Bachelor Urban Planning
Bachelor Education
Bachelor Science

Career Pathways

Town Planner
Geographer (GIS)
Surveyor
Meteorologist
Coastal/Environmental Engineer

Years 11 and 12 Topics covered include:

Semester I *Managing the Natural Environment*

Management of our local beach environment

How people respond to natural hazards from locations around the world

Semester II *Social Environments*

Sustainable Communities

Transport issues on the Gold Coast.

Semester III *Resources and the Environment*

Responses to loss of biodiversity in Europe, South America and Australia

Major field study on nature-based recreation on Fraser Island

Semester IV *People and Development*

Food security in LCD's (least developed countries) and the global patterns of diseases such as Malaria

Strategies to solve famine and disease will be debated.

Please note that there is a three day camp to Fraser Island in Semester III of this course. It is a compulsory part of the course and there are additional fees attached to this camp. The camp is directly linked to assessment completed by students and it is a valuable learning experience. Fees for this camp are in addition to the annual school fees for Year 12 students. Approx. cost \$350 - \$400; however prices is subject to provider discretion.

Core Assessment in this subject

Short Response Tests
Practical Exercises under Exam Conditions
Stimulus Response Essays
Report (1,000 words)

Graphics

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Graphics

Subject Information:

Graphics engages students in solving design problems and presenting their ideas and solutions as graphical products. Students explore design problems through the lens of a design process where they identify and explore a need or opportunity of a target audience; research, generate and develop ideas; produce and evaluate solutions.

During the design process students will explore, develop and produce graphical products. By following the design process students will use design factors to frame and explore problems to create solutions and a criteria against which the effectiveness of graphical solutions can be judged.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

A Sound Achievement in Graphics is a prerequisite for most university Architecture courses in Queensland.

Professional: Town Planner, Architect, Engineer, Industrial Designer, Surveyor

Career Pathways

Draftsperson
Graphic Designer
Illustrator
Engineer
Layout artist
Industrial/Interior designer
Town Planner
Builder
Architect
Carpenter
Surveyor

Years 11 and 12 Topics covered include:

Students will investigate design problems within three contextual units: Industrial Design, Graphic Design and Built Environment. Contextual units have been created to integrate, expand upon and apply the underlining principles or graphics to closely replicate industry practices. Students will cover a range of 2-dimensional and 3-dimensional sketching and drawing techniques, including orthographic projections and pictorials.

Students also learn the importance of applying essential design factors throughout the design process in order to achieve effective and suitable solutions. Students will learn to analyse, justify and evaluate design concepts before deciding on a final design idea. Industry standard software including vinyl cutters, 3-dimensional printer and CADD software is utilised though out the course to produce and prototype final graphical products.

Core Assessment in this subject

Knowledge and Application Exams
Contextual based drawing assignments
Design folios

Hospitality Practices

PREREQUISITE GRADE FOR ENTRY: None

COST: \$95 per year for practical cooking and drink-making consumables

Subject Information:

Hospitality Practices allows students to develop an understanding of hospitality and the structure, scope and operation of related activities within food and beverage production and service. The hospitality industry is dynamic and this course of study will provide opportunities for students to develop a range of transferrable skills, processes and attitudes that contribute to employability across many industry sectors, including abilities to communicate, connect and work with others, plan, organise, solve problems and navigate the world of work.

QCAA

Authority Registered Subject

This subject will contribute to a QCE not an OP Result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Career Pathways

Hospitality
Hotel, event and tourism management
Business management
Catering
Accommodation and entertainment.

Further study

Tertiary Entrance – TAFE and technical colleges

Years 11 and 12 Topics covered include:

Navigating the hospitality industry

This topic includes roles and functions of sectors, personal attributes and presentation, legislation and quality assurance procedures, promotion and marketing, and sustainability.

Working effectively with others

This topic focuses is on developing knowledge, understanding and skills in communication , including interpersonal, respect, sensitivity and cross-cultural understanding, required when working with customers and colleagues in the hospitality industry.

Hospitality in practice

This is an extensive topic covering skills and knowledge in kitchen and beverage production, hospitality events, safe work practices and customer expectations.

Elective topics may include:

Kitchen Operations

Beverage operations and service

Food and beverage service

Please note: There is a materials/consumables levy per year for this course to cover all materials used in practical cooking and drinks making classes. The consumables Levy is \$95 per year for this course. Excursions will also incur additional cost. At times, students will also be required to work at Café V during some recess times.

Core Assessments in this subject:

Projects

Investigation

Extended response to stimulus

Examination

Industrial Technology Studies

PREREQUISITE GRADE FOR ENTRY: None

COST: Annual materials fee will be charge for consumables. Fee TBA

Subject Information:

We live in a society characterised by dynamic technological change. Schools seek to prepare students for an active role within this society. This subject develops life skills that directly apply to a technical or industrial field and that helps students adjust to the changing demands of society.

QCAA

Authority-Registered Subject

This subject will contribute to a QCE not an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Career Pathways

Industrial Technology Studies SAS will help students in the following University/TAFE courses:

Draftsman
Landscape
Builder
Carpenter
Panel Beaters
Mechanics
Fitters and Turners
Sheet Metal workers

Year 11 and 12 Topics covered include:

Industrial Technology Studies is relevant to all students who seek to develop:

An understanding of industrial technology and its application to industry

Preparation for vocational employment

A capacity to cope with and contribute to life in a technological society

A sense of personal worth and self-esteem

Problem-solving abilities

Industrial Technology Studies also helps students to develop an understanding of the Australian manufacturing industry. In general, all students should be able to use their creativity and derive satisfaction from working with materials, tools and machines while they gain the skills they need to prepare themselves for future employment as well as recreation and leisure.

Topics include:

Building and Construction

Furnishings

Industrial Graphics

Plastics

Assessment:

Assessment items for this course of short response exams and a student personal journal containing photographs and reflection upon classroom experiences.

Information Processing and Technology (IPT)

PREREQUISITE GRADE FOR ENTRY: B in Year 10 IPT

Subject Information:

Information Technology refers to the creation, manipulation, storage, retrieval and communication of information whilst utilising a range of technological devices and systems to perform these functions. Information Processing & Technology is a course of study that provides students with knowledge, skills, processes and understanding of information technology. It emphasises problem identification and solutions rather than the use of specific applications. It has an intellectual discipline that involves the study of information and intelligent systems, software and system engineering, human-computer interaction, while taking into account the social and ethical issues associated with the use of information technology.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

Tertiary Entrance – University, TAFE and technical colleges.
Diplomas, Advanced-Diplomas and Bachelor Degrees

Career Pathways

Software Design
Computer Science
Aerospace Industry
Research and Development

Years 11 and 12 Topics covered include:

Semesters I & II

Software Systems Engineering (SSE)- develop algorithms to solve programming problems in the C# programming environment

Intelligent Information Systems (IIS)- design and plan high performance information systems

Social and Ethical Implications (S&E)- technology issues directly related to Algorithms and Programming, Artificial intelligence and Computer Systems
Human Interaction (HI) - computer systems and computer networks.

Semesters III & IV

Culmination of the concepts and principles covered in Year 11

Long-term projects in Software Systems Engineering and Intelligent Information Systems.

Software Systems Engineering – programming solutions and problem solving

Developing software using the Design – Develop – Evaluate cycle

Intelligent Information Systems – design, construct, produce and query working relational database in a team environment in order to produce a functional information system.

Core Assessment in this subject

Minor Projects

Major Projects

Short Response Exams

Exams

Mathematics A

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Maths A

Subject Information:

Mathematics A aims to provide the opportunity for students to develop mathematical skills that will be useful throughout life. It will extend mathematical skills beyond Year 10 level and will provide a basis for a wide range of educational employment aspirations, including studies at university or TAFE, or employment pathways that do not require any knowledge of calculus.

Learning experiences in Mathematics A include real life-related applications of mathematics with real and stimulated situations, use of instruments and opportunities for modelling and problem solving. Mathematics A includes three core topics: Financial Mathematics, Applied Geometry and Statistics & Probability, plus two college elective topics: Maps & Compasses and Operations Research.

At the end of Year 11, a C grade or higher is required to continue in Mathematics A in Year 12. If this has not been achieved, a subject change to Prevocational Mathematics will be required in order to support QCE attainment.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Years 11 and 12 Core topics covered include:

Semesters I & II

Financial Mathematics: Money, taxation, GST, financial formulae for interest in business applications of percentages.

Applied Geometry: Practical uses of trigonometry, plans and scale, area, volume and capacity.

Statistics: How to analyse, interpret and present data from a range of sources.

Semester III & IV

Financial Mathematics: Appreciation and depreciation of goods, investments, inflation and credit cards.

Applied Geometry: Estimation of quantities and costs in a variety of construction areas.

Statistics and Probability: Sampling techniques, predicting population trends and probability in both practical and theoretical contexts.

Career Pathways

Manufacturing and Processing
Building and Construction
Hospitality and Tourism
Health and Retail Services
Administration and Management

Years 11 and 12 Elective topics covered include:

Maps and Compasses: Interpretation of various maps and plans which are used to represent portions of the earth's surface that will include the use of bearings and reverse bearings.

Operations Research: Problem-solving techniques and methods applied in the pursuit of improve decision-making and efficiency.

Further study

Tertiary Entrance – University, TAFE and technical colleges.

Assessment in this subject

Supervised tests conducted at the end of each term under exam conditions

Mathematical Reports and/or Extended Modelling and Problem Solving Tasks – one conducted per semester

Mathematics B

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Maths B

Subject Information:

Mathematics B aims to provide the opportunity to participate more fully in lifelong learning and to appreciate that Mathematics B is a powerful, concise and unambiguous way to view the world in terms of patterns, order and uncertainty. Mathematics B provides students with a way of thinking through problems logically, reflecting on results and utilising deductive reasoning to draw evidenced conclusions in a range of situations.

Learning experiences in Mathematics B include developing advanced computational and algebraic procedures as well as developing the capacity to justify mathematical arguments and make decisions. Mathematics B includes seven core topics: Introductory Functions, Rates of Change; Periodic Functions; Exponential and Logarithmic Functions; Introductory Integration and Statistical Analysis & Optimism.

At the end of Year 11, a C grade or higher is required to continue with the Mathematics B course in Year 12. If this has not been achieved, a subject change to Mathematics A will be required.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Career Pathways

Engineering sciences including avionics, communications and mining.

Medical and health sciences

Information technology and computer science.

Further study

Tertiary Entrance – University

Year 11 Topics covered include:

Introductory Functions: function types and their transformations including polynomials, reciprocal and absolute value functions.

Rates of Change: difference between the average and instantaneous rate of change, limits and the rules for differentiation.

Periodic Functions: sine and cosine rules for non-right angled triangles, an introduction to radians and look at graphs of sine and cosine with their transformations.

Exponential and Logarithmic Functions: natural logarithmic function and exploration of geometrical progressions in the context of annuities.

Statistical Analysis: analysis of averages and spread to compare datasets and probability distributions relating to expected value.

Optimisation: nature of stationary points in functions and how these are used both graphically and contextually to solve problems.

Year 12 Topics covered include:

Rates of Change: differentiation techniques including the chain, product and quotient rules. Students will apply their knowledge into contextual problems.

Periodic Functions: periodic functions and build models to match contextual situations.

Exponential and Logarithmic Functions: natural logarithmic function and will explore geometric progressions in the context of annuities.

Introductory Integration: approximation techniques as well as limits of integration to calculate area in given problems. Students will explore different strategies for algebraically integrating a range of functions.

Statistical Analysis: Binomial and Normal Distributions.

Optimisation: application of optimisation processes to build and solve a range of problems and find maximum and minimum solutions.

Assessment in this subject

Supervised Tests: *conducted at the end of each term under exam conditions*

Mathematical Reports and/or Extended Modelling and Problem Solving Tasks: *one conducted per semester*

Mathematics C

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Maths B

Study is concurrent with enrolment in Mathematics B

Subject Information:

Mathematics C is taken in addition to Mathematics B as the subject contains topics that build on and deepen the ideas presented in Mathematics B as well as offering new concepts such as Vectors, Complex Numbers and Matrices.

At the end of Year 11, a C grade or higher is required to continue with the Mathematics C course in Year 12. If this has not been achieved, a subject change will be required to facilitate QCE attainment.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

Tertiary Entrance – University
Bachelor of Engineering, Bachelor of Information Technology, Bachelor of Medicine, Bachelor of Physical Science, Bachelor of Mathematics.

Career Pathways

Engineering – Civil, Electrical, Mechanical, Mechatronic, Aerospace Industry, IT – electronic and software design
Research and Development

Years 11 and 12 Topics covered include:

Semesters I & II

Introduction to Groups: properties of Group Theory such as closure.

Real and Complex Numbers: types of numbers and how to identify and manipulate them algebraically- complex numbers in both standard and trigonometric form.

Matrices: matrices as storage tools; manipulate matrices through various operations and solve equations using matrices.

Vectors: definition of a vector and how to apply various operations to vectors. They will explore both 2-dimensional and 3-dimensional vectors in both standard and modulus-argument form.

Structures and Patterns: arithmetic and geometric progressions as well as other sequences and the process of proof by induction as well as looking at combinations and permutations.

Semesters III & IV

Real and Complex Numbers: roots of a complex numbers and the use of De Moivre's Theorem.

Matrices systems of homogenous equations and dominance matrices.

Vectors: vector product and the calculation of angles between vectors.

Calculus: approximation technique of Simpson's Rule as well as integration by parts. Construct and solve differential equations for a range of contexts.

Years 11 and 12 ELECTIVE

Dynamics: Newton's laws of motion, circular motion and simple harmonic motion.

Advanced Periodic and Exponential Functions: trigonometric expansions, identities and formulae as well as looking at damped functions and logistic curves.

Core Assessment in this subject

Supervised tests - conducted at the end of each term under exam conditions.

Mathematical Reports and/or Extended Modelling and Problem Solving Tasks – one conducted per semester.

Mathematics - Prevocational

PREREQUISITE GRADE FOR ENTRY: Year 10 Mathematics

Subject Information:

Prevocational Mathematics is designed to help students improve their numeracy so that they can use mathematics effectively in their daily lives. The course requires students to build mathematical knowledge and understanding, critical problem-solving skills and enables them to solve problems in real contexts that they will encounter both at home and at work.

Learning experiences in Prevocational Mathematics include life-related applications of mathematics with real situations, the learning of practical skills and techniques that students will be able to transfer into the workplace. Prevocational Mathematics includes five study topics; Number, Data, Location and Time, Measurement and Finance. The aim of the Prevocational Mathematics course is to integrate the topics into relevant activities which allow the students to interpret and communicate mathematical ideas and information.

QCAA

Authority Registered Subject

This subject will contribute to a QCE not an OP Result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

Tertiary Entrance – TAFE and technical colleges

Career Pathways

Cashier
Gaming worker
Finance clerk
Automotive Industry
Trades & Apprenticeships

Years 11 and 12 Topics covered include:

Semesters I & II

Students investigate the processes and costs involved with buying a car, moving out of home and travelling overseas. This involves percentages, budgets, earth geometry and time.

They also undertake a landscaping project and experimental report which involves concepts of measurement and data analysis.

Semesters III & IV

Students investigate scale, measurement, ratio and proportion when they refurbish a room and plan a dinner party.

Concepts of data analysis, graphs and probability are involved when they undertake the units on the importance of health and predicting weather patterns.

Core Assessments in this subject

Contextualised assessment tasks that are predominantly built in class time with teacher support.

Formal report writing; oral and multimedia presentations, demonstration of practical skills and simple plans and sketches.

Open-book examinations which are supported by the teacher.

Modern History

PREREQUISITE GRADE FOR ENTRY: B in Year 10 History

Subject Information:

Through the study of Modern History, students can understand why our modern world is the way it is. They can understand the processes of change and continuity that have shaped today's world, their causes, and the roles people have played in those processes. They can understand that there are relationships between our needs and interests and a range of historical topics, people and events. At a personal level, Modern History helps students to identify their social location, their place in time and their heritage within a distinctive culture. Students develop these understandings through processes of critical inquiry, debate and reflection, and by empathising with the views of others.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

Bachelor of Education
Bachelor of Arts/Law
Bachelor of International Relations

Career Pathways

Law
Diplomacy
Journalism
Education - Teaching

Years 11 and 12 Topics covered include:

Semester I & II

Ideas and beliefs that shape the modern world

Islamic fundamentalism and its impact in a global context

Germany under Nazi rule and the abuse of power

Palestinian/Israeli conflict in the context of claims that equate Zionism to Racism or Nazism

Semester III & IV

Studies of Diversity - how immigration has shaped modern Australia
Students can present their findings in a variety of ways

Empowerment of Australians to challenge the power and authority of the federal government on various issues

Independent study focusing on how Australia has changed. For example how Australians' values, attitudes and beliefs have changed in relation to race relations, the monarchy, sexuality, Aborigines

Effects of the feminist movement on Australian society

Core Assessment in this subject

Response to Stimulus Exam

Written Research Task

Extended Written Response to Historical Evidence Exam

Multimodal Presentations

Music

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Music

It is strongly recommended that students considering enrolling in this subject have a background in music; AMEB, Trinity College or School instrumental music program, and have attained a B or above in Year 9 or 10 Music.

Subject Information:

Music focuses on the development of performance, musical composition and analytical skills to communicate through the language of sound. This subject fosters creativity, self-confidence, motivation, discipline and teamwork in an engaging environment.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

Bachelor of Music Education
Bachelor of Music Performance
Bachelor of Music Composition
Bachelor of Popular Music
Bachelor of Sonology
Diploma of Music

Career Pathways

Professional performer/session musician
Composer (Popular, Film, TV, Advertising)
Music Teacher (Primary, secondary, tertiary or private studio)
Sound engineer, Producer or Technician
Music critic/journalist

Years 11 and 12

All unit content in Year 11 & 12 music is presented in Performing, Composing and Musicology (analysis of musical style, genre and context) learning experiences.

Semester 1: Past Masters

This unit focuses on the evolution of 'Western' Music from 1600 – 1900 and how today's music is directly related to the pioneers of popular genres from history. Be surprised when you recognise and realise how many 'popular classics' are covered by today's contemporary artists. This is not a unit about old music, but a unit about quality music.

Semester 2: The Influence of Technology on Music

This unit focuses on how technology, has driven many aspects of music during the 20th century. From the development of the record and multi-track recording to loops, sequencing, digital audio workstations and YouTube. Students will explore how music has been adapted to make effective use of technology.

Semester 3: Jazz music

This unit will focus on some of the many styles of Jazz music including Blues, Swing, Cool, Bebop, Funk & Fusion and their influence on the development of popular music styles and genres.

Semester 4: Music of the Media

This unit focuses on the deconstruction of music and how it is used effectively in various mediums such as Film, TV, Radio and Gaming.

Core Assessment in this subject

Students are required to complete the following assessment items each semester:

Performance: minimum 3 minutes for Year 11 & 12

Composition: minimum 1 minute for Year 12, 30 seconds for Year 11

Musicology (music research & analysis): minimum 800 words for Year 12 and 600 words for Year 11.

Physical Education

PREREQUISITE GRADE FOR ENTRY: B in Year 10 PE

Subject Information:

Physical Education is an Authority subject in Years 11 and 12 encompassing theoretical and practical elements. Students study a range of topics including exercise physiology, sport sociology and psychology, skill acquisition and biomechanics. These are linked to four main sports – touch football, rock and roll dance, futsal and badminton. This course is designed to prepare students for further education at university level or TAFE in a range of sports and fitness related fields.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher

Further study

Bachelor of Education (Physical Education)
Bachelor of Human Movements
Bachelor of Exercise Science
Bachelor of Physiotherapy
Diploma in Fitness (TAFE)

Career Pathways

Physiotherapy
Physical education teacher
Sports science
Sports marketing
Event management
Sports psychology

Years 11 and 12 Topics covered include:

Semester I & II

Skill Acquisition/Badminton

Exercise Physiology/Touch Football

Biomechanics/Futsal

Sport Sociology/Rock and Roll Dance

Semester III & IV

Sport Sociology/Futsal

Sport Psychology/Rock and Roll Dance

Exercise Physiology/Touch Football

Sport Sociology/Badminton

Core Assessment in this subject

In class examinations

Multi-modal presentations

Written assignments

Performance assessments in each of the four sports

Physics

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Physics

Subject Information:

Physics is the study of matter and energy and how they interact. Physics is the oldest of all the physical sciences and forms the basis that all other sciences were created. The knowledge and concepts of physics are a set of experimentally proven and theoretical explanations shared by the scientific community that viably accounts for the extensive range of phenomena which has been observed. At times, these explanations conflict with everyday understandings, but they are distinguished by their utility in explaining observed phenomena and, most importantly, they predict new phenomena as yet unobserved. As with all scientific theory, the explanations remain tentative and open to modification in the light of new evidence. The study of Physics gives students a means of enhancing their understanding of the world around them, a way of achieving useful knowledge and skills and is an important stepping-stone for students who wish to undertake tertiary study in any of the physical sciences, medicine and engineering.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

A Sound Achievement in physics is prerequisite or recommended prerequisite for many university courses e.g. Engineering, Physiotherapy.

Career Pathways

Engineer
Physiotherapist
Optometrist
Radiographer
Astronomer
Statistician

Years 11 and 12 Topics covered include:

Semesters I & II

Physical quantities and measurement

The equations of motion, projectile motion, forces, energy and momentum, electricity and electronics and waves.

Semesters III & IV Topics covered include:

Electricity and electromagnetism

Nuclear physics and the electromagnetic spectrum in the context of medical physics

Special relativity, orbital mechanics and astrophysics in the context of space physics and modern physics.

Core Assessment in this subject

Exam

Research Tasks

Experimental Investigation

Recreation

Subject Information:

Recreation is an Authority-registered Recreation subject (SAS) that is offered in Years 11 and 12 as an alternative elective to traditional Physical Education. Recreation is a four-semester course of study aimed at allowing students to acquire the knowledge, skills, abilities, attitudes and values in recreation activities across Years 11 and 12 and thereby enhance their prospects of employment and lifelong engagement in sport and physical activity.

QCAA

Authority-registered Subject

This subject will contribute to a QCE not an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE for 4 complete semesters, where a student exits at a Sound or higher.

Career Pathways

Upon completion students will have the opportunity to pursue a career in the recreation industry

Semesters 1 and 2 (Year 11)

The course is designed to allow students to begin their engagement with course content and gain the knowledge, understandings and skills of the Recreational Studies subject.

Semesters 3 and 4 (Year 12)

The course will increase in complexity and allow students to consolidate their learning through physical performances and research tasks.

Students will participate in a range of physical activities both within the school and wider environment.

The physical activities and units of work offered over the four semester program include:

- Team Building & Leadership
- Urban Orienteering
- Tournament Organisation
- Weight Training and Fitness
- Outdoor Education
- International Games and Water Polo.

These physical activities will be integrated with: coaching principles, program writing, tournament organisation, navigation theory, game strategy, refereeing principles as well as survival and leadership skills.

Core assessments in this subject

Learning and training journals

Training and game sessions as both learners and facilitators

Student guided performance tasks

Performance tasks will cover areas of skill acquisition and performance, evaluation of training, coaching and refereeing principles and the application of learnt theories.

Social and Community Studies

PREREQUISITE GRADE FOR ENTRY: none

Subject Information:

Social and Community Studies is an Authority Registered subject that focuses on a students' future roles in life as a member of a community. Assessment for this subject includes multimodel tasks that involve research, communicating, personal planning, decision making and investigations.

QCAA

Authority Registered Subject

This subject will contribute to a QCE not an OP Result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

Diploma of Tourism
Diploma of Events Management
Diploma of Community Welfare Work
Diploma of Justice

Career Pathways

Youth worker
Events Co-ordinator
Administrative Assistant
Police Officer

Year 11 and 12 Topics covered include:

Semester I & II

Contemporary social movements that have had a significant impact on society such as the changing impact of technology and the growth of individual rights and freedom.

Topics

Gender and identity
Science & Technology
Legally it could be you
Today's Society – Government & Politics

Semester III & IV

Students are encouraged to explore how they fit in the community and how the community shapes. They will consider how they can contribute to society and their place in it in meaningful ways.

Topics

The world of work
Health, recreation & leisure
The Arts & the community
Today's Society – Family & Community

Please note: Students will be required to pay for an excursion to the Law Courts and/or Parliament House in Year 11.

Core Assessments in this subject

Project
Investigation
Extended response to stimulus
Examination

Visual Art

PREREQUISITE GRADE FOR ENTRY: B in Year 10 Art

Subject Information:

Visual Art is a powerful and persuasive means of communication. It allows personal expression through which students make visible ideas, thoughts, feelings and observations of their world through the display and exhibition of made images and objects. Senior art students explore and apply perceptual and conceptual understanding of visual language when making and appraising artworks. Their written essays and artwork demonstrate the process of researching, developing, resolving and reflecting.

QCAA

Authority Subject

This subject will contribute to an OP result

QCE

4 credit points

This subject will contribute 4 credit points to the QCE, for 4 complete semesters, where a student exits at a Sound or higher.

Further study

Bachelor of Fine Arts.
TAFE Diploma/Certificate courses available in a range of art related areas (Many courses require the submission of a folio for entry)

Career Pathways

Artist,
Art Writer
Art Therapist
Art Teacher,
Fashion/Graphic/Interior/
Costume/Web Design
Game Designer
Gallery Assistant
Florist,
Illustrator
Photographer
Animator
Cartoonist

Years 11 Topics covered include:

Artist as...Explorer: 2D media and modern art movements

Artist as...Conceptualist: Postmodern artworks and art making processes

Artist as...Collector: Gender roles and stereotyping in art

Year 12 Topics covered include:

Students work independently in the media of their choice to develop their own focus in response to the unit concept. Assessment tasks for each unit include a major body of work and an appraising task

Artist as... Memory Keeper

Artist as... Truth Keeper

'Personal Extension' – revisit focus from previous two units

Core Assessment in this subject

Research Essays

Persuasive Speech

Feature Article

2 Major Folios of art work

1 Personal Extension

Appendix 1

Planning a Queensland Certificate of Education (QCE)

[QCE Planning](#)

Literacy and numeracy requirements

[QCAA - Literacy & Numeracy requirements](#)

SEE THE [QCAA Website](#) FOR FURTHER INFORMATION ON:

- Credit for partial completion of courses
- Credit transfer for intrastate, interstate and overseas
- transfers
- Conceded semesters for subjects exited at a Limited Level of Achievement
- Relaxation of completed core requirements
- Notional Sound in a subject for meeting literacy or numeracy requirements
- Recognised studies

Appendix 2

Senior Education Profile (SEP)

Senior education profile

Students in Queensland are issued with a Senior Education Profile upon completion of Year 12. Included in this profile could be:

- [Queensland Certificate of Education \(QCE\)](#)
- [Queensland Certificate of Education \(QCE\) for eligible students](#)
- [Queensland Certificate of Individual Achievement \(QCIA\)](#)
- Senior Education Profile (SEP)
- Statement of Results
- [Tertiary Entrance Statement](#)

A Senior Education Profile (SEP) is a transcript of the learning account for all students completing Year 12 at a Queensland school. It shows all studies and the results achieved that may contribute to the award of a QCE.

A Statement of Results is a transcript of the learning account for students not enrolled at a school. It shows all studies and the results achieved that may contribute to the award of a QCE.

The Tertiary Entrance Statement shows the eligible student's Overall Position (OP) and Field Positions (FPs). Rankings are used to determine eligibility for admission for tertiary courses.

Appendix 3

OVERALL POSITION (OP)

Overall Position

An OP indicates a student's state wide RANK order position based on overall achievement in Authority subjects taken for the Senior Certificate. To be eligible for an OP a student must sit for the QCS Test and have studied 20 semesters of Authority subjects including at least three of these subjects for all four semesters. Subjects are weighted equally for OPs.

Subject Weights

An eligible student's OP is reported as one of 25 bands from 1 (highest) to 25 (lowest).

The approximate distribution of students across the bands is:

Band 1 about 2% of students

Bands 2 to 6 about 15% of students

Bands 7 to 21 about 70% of students

Bands 22 to 24 about 11% of students

Band 25 about 2% of students

In addressing this topic, the assumption will be made, for simplicity, that all subjects have 14 or more students (a variation exists for groups with less than 14 students).

The calculation of OPs involves two stages of scaling:

- between subject-groups within a school and
- between schools.

Eligibility for Field Positions

QUEENSLAND CORE SKILLS (QCS) TEST

The QCS Test is a state wide test available for Year 12 students. It is not subject specific but is based in common curriculum elements of the Queensland senior curriculum (CCEs).

It consists of four papers over two days, for a total of seven hours, on the Tuesday and Wednesday of the third last week of the third term of the state school year. This is generally the first week in September. The QCS Test makes use of three modes of response: extended writing, multiple choice and short response and it must be taken to be eligible for an OP.

The QCS Test has a dual function. The students' individual results on the QCS Test are reported on the Senior Certificate as a grade in the range A to E along with the subject results as Levels of Achievement. Secondly, a 'Schools' subject performance results on the QCS Test are used in the scaling process.

QCS Preparation Program

OP Pathways students at Varsity College must commit to a rigorous QCS preparation program commencing in the second semester of Year 11 that increases in intensity over the courses of Terms 1, 2 and 3 of Year 12. In Year 12 students are required to allocation some of

Appendix 4

TERTIARY SELECTION RANKING

Students who have chosen non-OP subjects, but wish to gain entry to select tertiary courses, can choose to participate in certificate courses offered within the school or by external providers, or in the School-based Traineeships and Apprenticeships program. Completion of a Certificate III or higher qualification from the Australian Qualification Framework enables students, when applying for tertiary entrance through QTAC, to be allocated a Tertiary Selection Rank. **NB This system is currently under review and information will be disseminated to students and parents as it becomes available.**

Benefits/implications of a Tertiary Selection Rank:

- It allows entry into many Queensland Tertiary courses.
- Cannot be relied on for entry to interstate or overseas tertiary study
- Participation in a relevant VET school subject can enhance your chance of getting a school-based traineeship or apprenticeship
- VET undertaken at school is recognised nationally and may provide you with credit after school into a traineeship or apprenticeship or into further studies at TAFE or with another training institution
- It provides you with opportunity to 'try out' industry areas while at school
- It may enhance your employment prospects at the end of Year 12 as many employers like to know you already have developed work skills
- It broadens your post-school options

- For more information on schedules and tertiary entrance options, visit the Queensland Tertiary Admissions Centre (QTAC) at www.qtac.edu.au

School-based Traineeships and Apprenticeships

- The apprenticeship and traineeship system allows for students to complete their Senior Studies while also completing a traineeship or first year apprenticeship.
- Students who undertake school-based traineeships or apprenticeships attend work part-time; this is usually one day a week which may also include some weekends and school holidays.
- When not at work, students attend school where they are still considered full time secondary students.

Benefits/implications for students:

- Students have the opportunity to be eligible for a
- Queensland Certificate of Education (QCE)
- Students have the opportunity to commence a traineeship in their preferred industry area while remaining a school student