

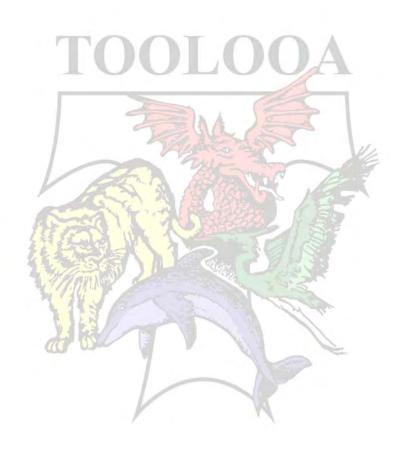


Toolooa State High School

YEAR 11 & 12 SUBJECT INFORMATION BOOKLET 2020 - 2021









Foreword

RESPECT- ACHIEVEMENT - RESPONSIBILITY

Supporting our young people to make informed, appropriate decisions about career pathways and senior subject choices is a key focus at Toolooa State High School at this time each year. Planning future pathways is an exciting phase of the education journey for our students and the following pages contain valuable information about the range of options available for senior students at Toolooa State High School.

As you are aware, in 2019, Queensland embarked on a new approach to senior schooling with the introduction of a new Queensland Certificate of Education

(QCE) system. One of the many changes the new QCE system brings is that Queensland will now align with many other states with an Australian Tertiary Admission Rank (ATAR) being assigned to students wishing to access direct entry to further education through university. Both the revisions to the QCE and the move to an ATAR (which replaces the OP) is a significant change to the senior phase of learning and brings with it a range of new requirements, rules and guidelines. The changes and requirements of this new system were unpacked with our students and wider school community in 2019, and will continue to be addressed over the course of this year.

With this new system in mind, our Senior School aims to provide relevant and engaging learning pathways including a wide range of QCAA General and Applied subject offerings and VET programs catering for all students, whilst maintaining a strong focus on academic achievement leading to tertiary entrance or successful transition towards a vocational apprenticeships/traineeship or employment.

For Year 11 and 12, Toolooa State High School students are required to make a broad pathway choice – tertiary admission (ATAR), or vocational preparation. The pathway and subsequent subject choices link closely with the students' individualised Senior Education and Training Plan and serve to provide a definite learning direction post Year 12. I encourage all students to participate in work experience during their senior studies to assist with their future study/career selections and transition to life after school.

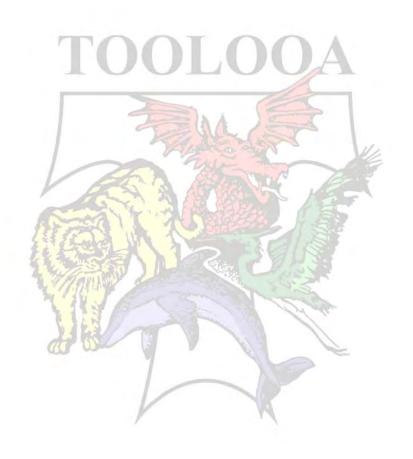
Toolooa State High School values respectful, open and supportive relationships between teachers, students and caregivers. Our school prides itself on having high expectations in terms of attendance, engagement, student behaviour and learning achievement. The progress of each student is monitored regularly with support and guidance available to ensure our students ultimately stay on track towards achieving their QCE.

By being an active and engaged learner throughout their senior years I am confident students will enjoy their education and exit our school with access to their future pathway.

Whichever path you chose to follow, I wish you the very best.

Justin Harrison Principal

Toolooa State High School



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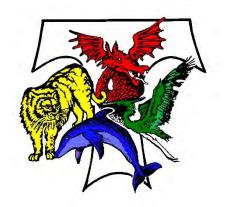
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Vision Statement

The purpose of Toolooa State High School is to develop people who are recognised as being equipped to contribute positively to society, valuing **respect**, **responsibility** and **achievement** and participate in lifelong learning. Graduates from Toolooa State High School will exit as GREAT LEARNERS and GREAT CITIZENS with GREAT FUTURES.

Core Values at Toolooa SHS:

- 1. Respect
- 2. Achievement
- 3. Responsibility



At Toolooa SHS we also value:

- The worth of every individual
- The pursuit of excellence
- Equality of opportunity
- The desire to learn
- The spirit of co-operation
- High ethical and moral behaviour
- Sincere effort.



'Raising the Bar'

A major focus at Toolooa SHS is our belief in maximising the potential of each of our students. To that end, in our subjects, as well as maintaining high expectations, we provide extension opportunities where selected students work with extended curriculum to be challenged outside their regular year level content.

Students in Years 11 & 12 are able to enrol courses at CQU to commence their university studies while still at school, while students displaying talents in English, Languages and Music have undertaken additional Extension courses, Distance Education courses and accelerated learning through variable progression.

The Law

Under the Youth Participation in Education and Training Act 2003, the school leaving age in Queensland has been raised to make it compulsory for all young people to be either 'learning or earning' until they turn 17. Young people need to stay at school until they finish Year 10 or turn 16, whichever comes first. After completing Year 10, students must either:

- Stay in education and training for a further two years
- o Gain a QCE (Queensland Certificate of Education)
- o Get a Certificate III vocational qualification or higher
- o Be in full-time employment (at least 25 hours per week) or
- o Turn 17.

Senior Education and Training (SET) Plan

After completing Year 10 students will be able to choose from a broader range of learning options leading to a Senior Statement, Queensland Certificate of Education or a Certificate III Vocational Qualification.

A Senior Education and Training Plan (SET Plan) helps students structure their learning around their abilities, interests and ambitions. As part of the planning process, students think about their future, consider their abilities and investigate their options for careers and further education.

The student, in collaboration with the school and their parents or carers, develops the SET Plan. The plan details what, where and how a student will study during their senior phase of learning (usually Years 11 and 12). In their personalised plan, they will be able to list a variety of different learning pathways, some of which they may access outside the current formal structure of this school. This allows them to create more options and flexibility in their learning. The plan can be altered if they decide to change direction and explore different learning pathways.

The plan should be completed and ready for implementation before the young person begins the Senior Phase of Learning. SET Plans are completed by the student online in their OneSchool account. Students and parents can access the SET Plan from home or school and update or make changes at any time. The school will encourage students to review their SET Plans at the beginning of every semester and all efforts are made to ensure students achieve their intended learning outcomes (ILOs) and have the broadest range of options available to them at the end of the senior phase.

Learning Accounts

During Year 10, or in the year prior to their sixteenth birthday (whichever comes first), all young people will be registered with the Queensland Curriculum and Assessment Authority by the school. Upon registration, each young person will have a learning account opened. From then on, as young people complete various units of learning and training, QCE **credits will be banked in their learning account.** They can then access and monitor their account through the Queensland Curriculum and Assessment Authority website (https://myqce.qcaa.qld.edu.au/). In general their learning account will remain open until the student is awarded their Queensland Certificate of Education (QCE).

Selection of Subjects

At Toolooa State High School, all students select the equivalent of six subjects of which an English subject and a Mathematics subject are *compulsory*. For some students, it may be a combination of subjects studied at school as well as training undertaken off-campus.

It is important to note that subjects are organised to fit a timetable and subjects will only be timetabled if sufficient numbers allow for it to go ahead. Some subjects also have restricted numbers due to safety regulations, facilities and availability of staff. Although every effort is made to allow students to study their selected subjects, it is important that students and parents be flexible and have alternative subjects listed to avoid disappointment.

It is also important to select subjects that provide appropriate skills for the student to either go on to tertiary education, vocational courses or enter the workforce. Subject studies at school may be required for university or employment, so selection of appropriate subjects is vital.

Senior Education Profile

Students in Queensland are issued with a Senior Education Profile (SEP) upon completion of senior studies. This profile may include a:

- statement of results
- Queensland Certificate of Education (QCE)
- Queensland Certificate of Individual Achievement (QCIA).

For more information about the SEP see: www.qcaa.qld.edu.au/senior/certificates-qualifications/sep.

Statement of results

Students are issued with a statement of results in the December following the completion of a QCAA-developed course of study. A new statement of results is issued to students after each QCAA-developed course of study is completed.

A full record of study will be issued, along with the QCE qualification, in the first December or July after the student meets the requirements for a QCE.

Queensland Certificate of Education (QCE)

Students may be eligible for a Queensland Certificate of Education (QCE) at the end of their senior schooling. Students who do not meet the QCE requirements can continue to work towards the certificate post-secondary schooling. The QCAA awards a QCE in the following July or December, once a student becomes eligible. Learning accounts are closed after nine years; however, a student may apply to the QCAA to have the account reopened and all credit continued.

Duplication of Learning

A requirement of the QCE is that students cannot earn QCE credits from duplicate learning. What this means for students at Toolooa State High School is that whilst some subject and vocational education and training (VET) certificate courses can be studied together, a student will only receive 4 QCE credits or QCE credits related to the highest VET course completed. For example if a student studied one of these Applied subjects and also studied the related VET course, they would only receive 4 QCE credits:

Applied Subject	Related VET Course	QCE Credits
Sport and Recreation	SIS20115 Certificate II in Sport and Recreation	4
Tourism	SIT20116 Certificate II in Tourism	4
Building and Construction Skills	CPC202011 Certificate II in Construction Pathways	4
Engineering Skills	MEM20413 Certificate II in Engineering Pathways	
Furnishing Skills	MSM20516 Certificate II in Furniture Making Pathways	4
Hospitality Practices	SIT20316 Certificate II in Hospitality	4
Information and Communication Technology	ICT20115 Certificate II in Information, Digital Media and Technology	4
Visual Arts in Practice	CUA20715 Certificate II in Visual Arts	

Also, if a student studied a Certificate I, then a Certificate II and then a Certificate III of the same training package (e.g. Business or Information Digital Media and Technology) they would only receive credit for the highest certificate that they completed. For example in Business, a Certificate I is worth 2 QCE credits, a Certificate II is worth 4 QCE credits and a Certificate III is worth 8 QCE credits; therefore if a student studied all of these qualifications throughout their senior schooling, they would only receive the 8 QCE credits for the completion of the Certificate III.

Queensland Certificate of Individual Achievement (QCIA)

The Queensland Certificate of Individual Achievement (QCIA) reports the learning achievements of eligible students who complete an individual learning program. At the end of the senior phase of learning, eligible students achieve a QCIA. These students have the option of continuing to work towards a QCE post-secondary schooling.

Queensland Certificate of Education

(taken from QCAA Fact Sheet)

About the QCE

The Queensland Certificate of Education (QCE) is Queensland's senior secondary schooling qualification. It is internationally recognised and provides evidence of senior schooling achievements.

The flexibility of the QCE means that students can choose from a wide range of learning options to suit their interests and career goals. Most students will plan their QCE pathway in Year 10 when choosing senior courses of study. Their school will help them develop their individual plan and a QCAA learning account will be opened.

To receive a QCE, students must achieve the set amount of learning, at the set standard, in a set pattern, while meeting literacy and numeracy requirements. The QCE is issued to eligible students when they meet all the requirements, either at the completion of Year 12, or after they have left school.



QCE requirements

As well as meeting the below requirements, students must have an open learning account before starting the QCE, and accrue a minimum of one credit from a Core course of study while enrolled at a Queensland school.

Set amount 20 credits from contributing courses of study, including:

- QCAA-developed subjects or courses
- vocational education and training (VET) qualifications
- non-Queensland studies
- · recognised studies.



12 credits from completed Core courses of study and 8 credits from any combination of:

- Care
- Preparatory (maximum 4)
- Complementary (maximum 8).



Satisfactory completion, grade of C or better, competency or qualification completion, pass or equivalent.



Students must meet literacy and numeracy requirements through one of the available learning options.

More information

For more information about the QCE requirements, see the following factsheets, which are available on the QCAA website at www.qcaa.qld.edu.au:

- · QCE credit and duplication of learning
- QCE credit: completed Core requirement
- QCE literacy and numeracy requirement.



Within the set pattern requirement, there are three categories of learning — Core, Preparatory and Complementary. When the set standard is met, credit will accrue in a student's learning account. To meet the set pattern requirement for a OCE, at least 12 credits must be accrued from completed.

To meet the set pattern requirement for a QCE, at least 12 credits must be accrued from completed Core courses of study. The remaining 8 credits may accrue from a combination of Core, Preparatory or Complementary courses of study.

Core: At least 12 credits must come from completed Core courses of study

COURSE	QCE CREDITS PER COURSE
QCAA General subjects and Applied subjects	up to 4
QCAA Extension subjects	up to 2
Certificate II qualifications	up to 4
Certificate III and IV qualifications (includes traineeships)	up to 8
School-based apprentice ships	ap to 6
Recognised studies categorised as Core	as recognised by QCAA

Preparatory: A maximum of 4 credits can come from Preparatory courses of study

QCAA Short Courses	
QCAA Short Course in Literacy	up to 1
QCAA Short Course in Numeracy	
Certificate I qualifications	up to 3
Recognised studies categorised as Preparatory	as recognised by QCAA

Complementary: A maximum of 8 credits can come from Complementary courses of study

QCAA Short Course • QCAA Short Course in Aboriginal & Torres Strait Islander Languages • QCAA Short Course in Career Education	up to 1
University subjects	up to 4
Diplomas and Advanced Diplomas	up to 8
Recognised studies categorised as Complementary	as recognised by QCAA



The literacy and numeracy requirements for a QCE meet the standards outlined in the Australian Core-Skills Framework (ACSF) Level 3.

To meet the literacy and numeracy requirement for the QCE, a student must achieve the set standard in one of the literacy and one of the numeracy learning options:

Literacy

- · QCAA General or Applied English subjects
- QCAA Short Course in Literacy
- Senior External Examination in a QCAA English subject
- FSK20113 Certificate II in Skills for Work and Vocational Pathways
- International Baccalaureate examination in approved English subjects
- Recognised studies listed as meeting literacy requirements

Numeracy

- QCAA General or Applied Mathematics subjects
- QCAA Short Course in Numeracy
- Senior External Examination in a QCAA Mathematics subject
- FSK20113 Certificate II in Skills for Work and Vocational Pathways
- International Baccalaureate examination in approved Mathematics subjects
- Recognised studies listed as meeting numeracy requirements

Changes to senior schooling in Queensland

Senior schooling in Queensland is changing to help give students the skills for success in work and life in the future. Across senior subjects, students will acquire 21st century skills to support them as lifelong learners, valued employees, innovators and engaged global citizens.

Under the new QCE system, students can still choose from a wide range of subjects and courses to suit their work and study goals. Assessment will change in QCAA General subjects, with the introduction of common external assessments.

From 2029, there will also be a new way to rank students who wish to apply for university. The Australian Tertiary
Admission Rank (ATAR) will be used to rank eligible Year 12 graduates, rather than the Overall Position (OP).
ATARS will be calculated and issued by the Queensland Tertiary Admissions Centre (QTAC). Visit QTAC for details:
www.qtac.edu.au/for-schools/atar-information.

Senior Education Profile

Queensland students receive a Senior Education Profile from the QCAA when they complete Year 12. All students receive a statement of results, which is a transcript of their learning account. Eligible students also receive either a QCE or a QCIA. Students who are not eligible for the QCE at the end of Year 12 will continue to accrue credit and will receive an applated statement of results and a QCE when eligible.

Statement of results

The statement of results is a transcript of a student's fearning account. It shows all contributing studies and the results achieved.

QCE

The QCE is Queensland's senior secondary schooling qualification. To be issued with a QCE, students need to complete the set amount of learning, at the set standard, in a set pattern, while meeting literacy and numeracy requirements.

QCIA

The QCIA recognises the achievements of students who undertake individualised learning programs. To be eligible, students must have impairments or difficulties in learning that are not primarily due to socioeconomic, cultural or linguistic factors.



Senior subjects

The QCAA develops four types of senior subject syllabuses — General, Applied, Senior External Examinations and Short Courses. Results in General and Applied subjects contribute to the award of a QCE and may contribute to an Australian Tertiary Admission Rank (ATAR) calculation, although no more than one result in an Applied subject can be used in the calculation of a student's ATAR.

Extension subjects are extensions of the related General subjects and are studied either concurrently with, or after, Units 3 and 4 of the General course.

Typically, it is expected that most students will complete these courses across Years 11 and 12. All subjects build on the P–10 Australian Curriculum.

General syllabuses

General subjects are suited to students who are interested in pathways beyond senior secondary schooling that lead primarily to tertiary studies and to pathways for vocational education and training and work. General subjects include Extension subjects.

Applied syllabuses

Applied subjects are suited to students who are primarily interested in pathways beyond senior secondary schooling that lead to vocational education and training or work.

Senior External Examination

The Senior External Examination consists of individual subject examinations provided across Queensland in October and November each year by the QCAA.

Short Courses

Short Courses are developed to meet a specific curriculum need and are suited to students who are interested in pathways beyond senior secondary schooling that lead to vocational education and training and establish a basis for further education and employment. They are informed by, and articulate closely with, the requirements of the Australian Core Skills Framework (ACSF). A grade of C in Short Courses aligns with the requirements for ACSF Level 3.

For more information about the ACSF see: https://www.education.gov.au/australian-core-skills-framework.

Underpinning factors

All senior syllabuses are underpinned by:

- literacy the set of knowledge and skills about language and texts essential for understanding and conveying content
- numeracy the knowledge, skills, behaviours and dispositions that students need to use
 mathematics in a wide range of situations, to recognise and understand the role of
 mathematics in the world, and to develop the dispositions and capacities to use mathematical
 knowledge and skills purposefully.

General syllabuses and Short Courses

In addition to literacy and numeracy, General syllabuses and Short Courses are underpinned by:

 21st century skills — the attributes and skills students need to prepare them for higher education, work and engagement in a complex and rapidly changing world. These include critical thinking, creative thinking, communication, collaboration and teamwork, personal and social skills, and information & communication technologies (ICT) skills.

Applied syllabuses

In addition to literacy and numeracy, Applied syllabuses are underpinned by:

- applied learning the acquisition and application of knowledge, understanding and skills in real-world or lifelike contexts
- community connections the awareness and understanding of life beyond school through authentic, real-world interactions by connecting classroom experience with the world outside the classroom
- core skills for work the set of knowledge, understanding and non-technical skills that underpin successful participation in work.

Vocational education and training (VET)

Students can access VET programs through the school if it:

- is a registered training organisation (RTO)
- has a third-party arrangement with an external provider who is an RTO
- offers opportunities for students to undertake school-based apprenticeships or traineeships.

Australian Tertiary Admission Rank (ATAR) eligibility

The calculation of an Australian Tertiary Admission Rank (ATAR) will be based on a student's:

- · best five General subject results or
- best results in a combination of four General subject results plus an Applied subject result or a Certificate III or higher VET qualification.

The Queensland Tertiary Admissions Centre (QTAC) has responsibility for ATAR calculations.

English requirement

Eligibility for an ATAR will require satisfactory completion of a QCAA English subject.

Satisfactory completion will require students to attain a result that is equivalent to a Sound Level of Achievement in one of five subjects — English, Essential English, Literature, English and Literature Extension or English as an Additional Language.

While students must meet this standard to be eligible to receive an ATAR, it is not mandatory for a student's English result to be included in the calculation of their ATAR.

General syllabuses

Structure

The syllabus structure consists of a course overview and assessment.

General syllabuses course overview

General syllabuses are developmental four-unit courses of study.

Units 1 and 2 provide foundational learning, allowing students to experience all syllabus objectives and begin engaging with the course subject matter. It is intended that Units 1 and 2 are studied as a pair. Assessment in Units 1 and 2 provides students with feedback on their progress in a course of study and contributes to the award of a QCE.

Students should complete Units 1 and 2 before starting Units 3 and 4.

Units 3 and 4 consolidate student learning. Assessment in Units 3 and 4 is summative and student results contribute to the award of a QCE and to ATAR calculations.

Extension syllabuses course overview

Extension subjects are extensions of the related General subjects and include external assessment. Extension subjects are studied either concurrently with, or after, Units 3 and 4 of the General course of study.

Extension syllabuses are courses of study that consist of two units (Units 3 and 4). Subject matter, learning experiences and assessment increase in complexity across the two units as students develop greater independence as learners.

The results from Units 3 and 4 contribute to the award of a QCE and to ATAR calculations.

General Syllabuses		
English	Physical Education	
Literature	Visual Art	
Math Methods (formerly Maths B)	Music	
Specialist Math (formerly Maths C)	Dance	
General Math (formerly Maths A)	Drama	
Chemistry	Accounting	
Physics	Digital Solutions (formerly IPT)	
Engineering (formerly Engineering Technology)	Design (formerly Graphics)	
Ancient History		
Modern History		
Legal Studies		

Assessment

Units 1 and 2 assessments

Schools decide the sequence, scope and scale of assessments for Units 1 and 2. These assessments should reflect the local context. Teachers determine the assessment program, tasks and marking guides that are used to assess student performance for Units 1 and 2.

Units 1 and 2 assessment outcomes provide feedback to students on their progress in the course of study. Schools should develop at least *two* but no more than *four* assessments for Units 1 and 2. At least *one* assessment must be completed for *each* unit.

Schools report satisfactory completion of Units 1 and 2 to the QCAA, and may choose to report levels of achievement to students and parents/carers using grades, descriptive statements or other indicators.

Units 3 and 4 assessments

Students complete a total of *four* summative assessments — three internal and one external — that count towards the overall subject result in each General subject.

Schools develop *three* internal assessments for each senior subject to reflect the requirements described in Units 3 and 4 of each General syllabus.

The three summative internal assessments need to be endorsed by the QCAA before they are used in schools. Students' results in these assessments are externally confirmed by QCAA assessors. These confirmed results from internal assessment are combined with a single result from an external assessment, which is developed and marked by the QCAA. The external assessment result for a subject contributes to a determined percentage of a students' overall subject result. For most subjects this is 25%; for Mathematics and Science subjects it is 50%.

Instrument-specific marking guides

Each syllabus provides instrument-specific marking guides (ISMGs) for summative internal assessments.

The ISMGs describe the characteristics evident in student responses and align with the identified assessment objectives. Assessment objectives are drawn from the unit objectives and are contextualised for the requirements of the assessment instrument.

Schools cannot change or modify an ISMG for use with summative internal assessment.

As part of quality teaching and learning, schools should discuss ISMGs with students to help them understand the requirements of an assessment task.

External assessment

External assessment is summative and adds valuable evidence of achievement to a student's profile. External assessment is:

- · common to all schools
- administered under the same conditions at the same time and on the same day
- developed and marked by the QCAA according to a commonly applied marking scheme.

The external assessment contributes a determined percentage (see specific subject guides — assessment) to the student's overall subject result and is not privileged over summative internal assessment.

Applied syllabuses

Structure

The syllabus structure consists of a course overview and assessment.

Applied syllabuses course overview

Applied syllabuses are developmental four-unit courses of study.

Units 1 and 2 of the course are designed to allow students to begin their engagement with the course content, i.e. the knowledge, understanding and skills of the subject. Course content, learning experiences and assessment increase in complexity across the four units as students develop greater independence as learners.

Units 3 and 4 consolidate student learning. Results from assessment in Applied subjects contribute to the award of a QCE and results from Units 3 and 4 may contribute as a single input to ATAR calculation.

A course of study for Applied syllabuses includes core topics and elective areas for study.

Applied Syllabuses		
Essential English (formerly English Communication)	Information Communication and Technology	
Essential Math (formerly PVM)	Industrial Graphics	
Aquatic Practices	Engineering Skills	
Science in Practice	Furnishing Skills	
Social and Community Studies		
Early Childhood Studies		
Sport and Recreation		
Hospitality Practices		
Visual Art in Practice		
Music in Practice		
Dance in Practice		

Assessment

Applied syllabuses use *four* summative internal assessments from Units 3 and 4 to determine a student's exit result.

Schools should develop at least *two* but no more than *four* internal assessments for Units 1 and 2 and these assessments should provide students with opportunities to become familiar with the summative internal assessment techniques to be used for Units 3 and 4.

Applied syllabuses do not use external assessment.

Instrument-specific standards matrixes

For each assessment instrument, schools develop an instrument-specific standards matrix by selecting the syllabus standards descriptors relevant to the task and the dimension/s being assessed. The matrix is shared with students and used as a tool for making judgments about the quality of students' responses to the instrument. Schools develop assessments to allow students to demonstrate the range of standards.

Essential English and Essential Mathematics — Common internal assessment

Students complete a total of *four* summative internal assessments in Units 3 and 4 that count toward their overall subject result. Schools develop *three* of the summative internal assessments for each senior subject and the other summative assessment is a common internal assessment (CIA) developed by the QCAA.

The CIA for Essential English and Essential Mathematics is based on the learning described in Unit 3 of the respective syllabus. The CIA is:

- · developed by the QCAA
- common to all schools
- · delivered to schools by the QCAA
- · administered flexibly in Unit 3
- · administered under supervised conditions
- marked by the school according to a common marking scheme developed by the QCAA.

The CIA is not privileged over the other summative internal assessment.

Summative internal assessment — instrument-specific standards

The Essential English and Essential Mathematics syllabuses provide instrument-specific standards for the three summative internal assessments in Units 3 and 4.

The instrument-specific standards describe the characteristics evident in student responses and align with the identified assessment objectives. Assessment objectives are drawn from the unit objectives and are contextualised for the requirements of the assessment instrument.

Senior External Examinations

Senior External Examinations course overview

A Senior External Examination syllabus sets out the aims, objectives, learning experiences and assessment requirements for each of these subjects.

Results are based solely on students' demonstrated achievement in examinations. Work undertaken before an examination is not assessed.

The Senior External Examination is for:

- low candidature subjects not otherwise offered as a General subject in Queensland
- students in their final year of senior schooling who are unable to access particular subjects at their school

- adult students (people of any age not enrolled at a Queensland secondary school)
 - to meet tertiary entrance or employment requirements
 - for personal interest.

Senior External Examination results may contribute credit to the award of a QCE and contribute to ATAR calculations.

For more information about the Senior External Examination, see: www.qcaa.qld.edu.au/senior/see.

Assessment

The Senior External Examination consists of individual subject examinations that are held once each year in Term 4. Important dates and the examination timetable are published in the Senior Education Profile (SEP) calendar, available at: https://www.qcaa.qld.edu.au/senior/sep-calendar.

Results are based solely on students' demonstrated achievement in the examinations. Work undertaken before an examination is not assessed. Results are reported as a mark and grade of A–E. For more information about results, see the QCE and QCIA policy and procedures handbook, Section 10.

Pre-requisites

Yea	ar 10 Subjects (if offered)	Pre-requisite Result	MANADATORY - Year 11 Subject Pathway
			English
ENG	English	SA+ or better	Literature
ENC	English Communication (Short Course in Literacy)	SA or higher	Essential English
			Math Methods
MAX	Math Extension	SA+ or better	Specialist Math
MAT	Math General	SA or higher	General Math
MAF	Math Foundation	N/A	Essential Math
CCV	Caianaa Futanaian	CA Lawbattan	Chemistry
SCX	Science Extension	SA+ or better	Physics
		SA+ or better	Biology
SCI	Science	SA+ or better	Engineering (formerly Engineering Technology)
		N/A	Aquatic Practice
		N/A	Science in Practice
			Ancient History
HIS	History	SA+ or better	Modern History
LEG	Legal Studies	SA+ or better	Legal Studies
Social and Community	21/4	Social and Community Studies	
SCS	Studies	N/A	Early Childhood Studies
PED	Physical Education	SA+ or better	Physical Education
REC	Recreation	N/A	Sport & Recreation
HPJ	Hospitality	N/A	Hospitality Practices
ADT	Visual Art	SA+ or better	Visual Art
ART	Visual Art	N/A	Visual Art in Practice
		SA+ or better	Music
MUS	Music	SA or better OR ability to play instrument	Music in Practice
	Dance	SA+ or better	Dance
DAN		SA or better OR ability to dance	Dance in Practice
۸۵۵	Accounting	SA+ or better	Accounting
ACC	Accounting	N/A	Cert II Business
ICT	Information Communication	SA+ or better	Digital Solutions
101	& Technology	N/A	Information Communication & Technology
GPH	Graphics	SA+ or better	Design
GFN	Graphics	N/A	Industrial Graphics Skills
NAANI	Manual Arta	N/A	Engineering Skills
MAN	Manual Arts	N/A	Furnishing Skills

VOCATIONAL EDUCATION AND TRAINING COURSES (VET)

Through initiatives developed by Education Queensland and the Queensland Curriculum and Assessment Authority it is now possible to offer vocational courses which comprise both general and vocational education components and provide participants with a variety of intellectual, technical, operational and workplace skills. At Toolooa SHS, these courses are offered either oncampus or off-campus.

VET qualifications and courses differ from other school courses and criteria-based assessment, by including:

- · work-like activities
- · competency-based training and assessment
- competency standards, which are an industry-determined specification of performance that sets out the skills, knowledge and attitudes required to operate effectively in employment.

Upon successful completion of a VET course, the participants will be eligible to receive some or all of the following:

- * A nationally recognised qualification
- * A record of the qualification on their Senior Statement
- * Credit towards the QCE
- * Certificate I, II and/or III depending on competencies successfully achieved, and/or
- * Certification listing where competency has been gained in some modules but not the full certificate

Vocational Education and Training helps Year 11 and 12 students in their transition from school to work. It contributes to young people's chances of obtaining employment upon leaving school and offers other benefits. Recognised vocational education and training programs allow school students to reinforce and consolidate general learning in more applied contexts. In this way, recognised VET programs also cater for a broader range of students' learning styles.

The VET courses offered here will only run if a sufficient number of students elect to do that subject and the availability of a suitably qualified teacher. Furthermore, stand-alone VET certificates outlined in this guide will only run if registration for the course is granted and the school has the physical and human resources required to deliver the course.

Toolooa SHS is a Registered Training Organisation (RTO). As an RTO (RTO Number: 30444) Toolooa State High School has agreed to operate within the Principles and Standards of the Australian Skills Quality Authority. This includes a commitment to recognise the training qualifications issued by other RTOs, as well as to ensure quality training and assessment. If you would like to know any further details regarding the requirements of the Australian Skills Quality Authority that Toolooa SHS operates under, please contact the Head of Senior Schooling for more details.

Student support, welfare and guidance services

Educational and support services may include:

- a) study support and study skills programs;
- b) language, literacy and numeracy (LLN) programs or referrals to these programs;

- c) equipment, resources and/or programs to increase access for learners with disabilities and other learners in accordance with access and equity;
- d) counselling services or referrals to these services;
- e) information and communications technology (ICT) support;
- f) learning materials in alternative formats, for example, in large print;
- g) learning and assessment programs contextualised to the workplace; and
- h) any other services that the RTO considers necessary to support learners to achieve competency.

Please contact the Head of Senior Schooling for more information.

Recognition of prior learning

Recognition of Prior Learning (RPL) means an assessment process that assesses the competency/s of an individual that may have been acquired through formal, non-formal and informal learning to determine the extent to which that individual meets the requirements specified in the training package or VET accredited courses.

- a) formal learning refers to learning that takes place through a structured program of instruction and is linked to the attainment of an AQF qualification or statement of attainment (for example, a certificate, diploma or university degree);
- non-formal learning refers to learning that takes place through a structured program of instruction, but does not lead to the attainment of an AQF qualification or statement of attainment (for example, in-house professional development programs conducted by a business); and
- c) informal learning refers to learning that results through experience of work-related, social, family, hobby or leisure activities (for example the acquisition of interpersonal skills developed through several years as a sales representative).

Students who believe they may be eligible for RPL need to request the Recognition of Prior Learning policy and application form from their VET teacher.

Complaints and appeals

The complaints and appeals policy and procedures can be accessed on the school website.

Credit transfer

Toolooa SHS will provide credit for units of competency, on the condition that evidence of AQF certification issued by any other RTO is provided. On authentication of these records, Toolooa SHS will grant a credit transfer.

School RTO's obligations to the students

Toolooa SHS is committed to completing the outlined training and assessment once students have started study in their chosen qualification/s or course/s from the course start date, and meeting all of their student responsibilities. Students who enter the course after the start date may have a negotiated package of units that will lead to a statement of attainment.

In the event of losing the specialist trainer, and the RTO being unable to obtain a suitable replacement, Toolooa SHS will, if possible, arrange for agreed training and assessment to be completed through another RTO. (Fees may be incurred.) Prior to the transfer to another RTO, affected students will be formally notified of the arrangements, and an agreement to those arrangements, including any refund of fees, will be obtained. If transfer is not possible, the RTO will gain a written agreement for a subject/course transfer from the student and parent.

Issuance of certification

Students with a USI will be issued with their certificate and/or Statement of Attainment within thirty days of completing the qualification. Students may request, in writing, to have their certificate or Statement of Attainment re-issued. This request needs to be made to the Head of Senior Schooling. There is no fee for re-issuing certificates.

Changes to services

Where there are any changes to agreed services, the RTO advises the learner as soon as practicable, including in relation to any new third party arrangements or a change in ownership or changes to existing third party arrangements.

Complementary Courses

These courses are complementary to subjects studied as part of the school curriculum. They have the potential to lead to vocational qualifications (Certificate I, II, III and IV).

These courses are offered off-campus and it is the responsibility of the student and parent/guardian to ensure that course requirements are met. This includes enrolment, attendance and payment of course fees where applicable.

Each program has its own application process. The school can provide students with information regarding the course and assist them with the application process. However, access to some courses which run in conjunction with a school program will only be approved after an interview with the Deputy Principal, Head of Department Senior Schooling or Guidance Officer.

PROGRAM

EQIP (Education Queensland and Industry Partnership)

SCHOOL-BASED APPRENTICESHIPS AND TRAINEESHIPS (SAT)

WORK EXPERIENCE

See Head of Senior Schooling for more information:

START UNI NOW (SUN)

CENTRAL QUEENSLAND UNIVERSITY (formerly CQ TAFE)

LARSHAR COLLEGE OF HAIR AND BEAUTÉ

DISTANCE EDUCATION (See Senior Schooling Guidance Officer for more information)

The above mentioned programs require students to have completed their Senior Education and Training (SET) Plan prior to enrolment in the course. Furthermore, the abovementioned programs may contain a component of compulsory work placement. The EQIP application/ placement fee for each block of work placement is \$40 (current as of 20/05/2020 but may be subject to change).

Application forms for EQIP programs can be downloaded from the EQIP website: http://eqipgladstone.com.au/apply/. Application forms for and information about CQU, SUN and work experience can be collected from the Head of Senior Schooling.

Heads of Department: School contact number: 07 4971 4333

FACULTY	HEAD OF DEPARTMENT	EMAIL
English	Mrs Ellen Kean	ekean1@eq.edu.au
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Junior Schooling	Mr David Capill	dcapi0@eq.edu.au
Senior Schooling & VET	Ms Natalie Jounquay- Aburn & Mr Darren Boase	njoun2@eq.edu.au dboas1@eq.edu.au
Head Of Special Education Services	Ms Lynda Ehrke-Malone	lehrk1@eq.edu.au
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GUIDANCE OFFICERS		EMAIL
Years 11 and 12	Mrs Silke Hetherington	sheth12@eq.edu.au
Year 10	Mrs Jenny Morris	jmorr139@eq.edu.au

QCAA senior syllabuses

Mathematics

General

- General Mathematics
- Mathematical Methods
- · Specialist Mathematics

Applied

· Essential Mathematics

Short Course

Numeracy

English

General

- English
- Literature

Applied

· Essential English

Short Course

Literacy

Humanities

General

- Accounting
- Ancient History
- Legal Studies
- Modern History

Applied

• Social & Community Studies

Technologies

General

- Design
- Digital Solutions
- Engineering

Applied

- · Engineering Skills
- Furnishing Skills
- Industrial Graphics Skills
- Information & Communication Technology
- Hospitality Practices

Science

General

- Biology
- Chemistry
- Physics
- Psychology

Applied

- Aquatic Practices
- Science in Practice

Health and Physical Education

General

- Health
- Physical Education

Applied

- Early Childhood Studies
- Sport & Recreation

The Arts

General

- Dance
- Drama
- Music
- Visual Art

Applied

- Dance in Practice
- Music in Practice
- Visual Arts in Practice

General Mathematics

General senior subject



General Mathematics' major domains are Number and algebra, Measurement and geometry, Statistics, and Networks and matrices, building on the content of the P–10 Australian Curriculum.

General Mathematics is designed for students who want to extend their mathematical skills beyond Year 10 but whose future studies or employment pathways do not require calculus.

Students build on and develop key mathematical ideas, including rates and percentages, concepts from financial mathematics, linear and non-linear expressions, sequences, the use of matrices and networks to model and solve authentic problems, the use of trigonometry to find solutions to practical problems, and the exploration of real-world phenomena in statistics.

Students engage in a practical approach that equips learners for their needs as future citizens. They learn to ask appropriate questions, map out pathways, reason about complex solutions, set up models and communicate in different forms. They experience the relevance of mathematics to their daily lives, communities and cultural backgrounds. They develop the ability to understand, analyse and take action regarding social issues in their world.

Pathways

A course of study in General Mathematics can establish a basis for further education and employment in the fields of business, commerce, education, finance, IT, social science and the arts.

Objectives

By the conclusion of the course of study, students will:

- select, recall and use facts, rules, definitions and procedures drawn from Number and algebra, Measurement and geometry, Statistics, and Networks and matrices
- comprehend mathematical concepts and techniques drawn from Number and algebra, Measurement and geometry, Statistics, and Networks and matrices
- communicate using mathematical, statistical and everyday language and conventions
- evaluate the reasonableness of solutions
- justify procedures and decisions by explaining mathematical reasoning
- solve problems by applying mathematical concepts and techniques drawn from Number and algebra, Measurement and geometry, Statistics, and Networks and matrices.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Money, measurement and relations Consumer arithmetic Shape and measurement Linear equations and their graphs	Applied trigonometry, algebra, matrices and univariate data • Applications of trigonometry • Algebra and matrices • Univariate data analysis	Bivariate data, sequences and change, and Earth geometry Bivariate data analysis Time series analysis Growth and decay in sequences Earth geometry and time zones	Investing and networking • Loans, investments and annuities • Graphs and networks • Networks and decision mathematics

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Summative assessments

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Problem-solving and modelling task	20%	Summative internal assessment 3 (IA3): • Examination	15%
Summative internal assessment 2 (IA2): • Examination	15%		
Summative external assessment (EA): 50% • Examination			

Mathematical Methods

General senior subject



Mathematical Methods' major domains are Algebra, Functions, relations and their graphs, Calculus and Statistics.

Mathematical Methods enables students to see the connections between mathematics and other areas of the curriculum and apply their mathematical skills to real-world problems, becoming critical thinkers, innovators and problem-solvers.

Students learn topics that are developed systematically, with increasing levels of sophistication, complexity and connection, and build on algebra, functions and their graphs, and probability from the P–10 Australian Curriculum. Calculus is essential for developing an understanding of the physical world. The domain Statistics is used to describe and analyse phenomena involving uncertainty and variation. Both are the basis for developing effective models of the world and solving complex and abstract mathematical problems.

Students develop the ability to translate written, numerical, algebraic, symbolic and graphical information from one representation to another. They make complex use of factual knowledge to successfully formulate, represent and solve mathematical problems.

Pathways

A course of study in Mathematical Methods can establish a basis for further education and employment in the fields of natural and physical sciences (especially physics and chemistry), mathematics and science education, medical and health sciences (including human biology, biomedical science, nanoscience and forensics), engineering (including chemical, civil, electrical and mechanical engineering, avionics, communications and mining), computer science (including electronics and software design), psychology and business.

Objectives

By the conclusion of the course of study, students will:

- select, recall and use facts, rules, definitions and procedures drawn from Algebra, Functions, relations and their graphs, Calculus and Statistics
- comprehend mathematical concepts and techniques drawn from Algebra,
 Functions, relations and their graphs,
 Calculus and Statistics
- communicate using mathematical, statistical and everyday language and conventions
- evaluate the reasonableness of solutions
- justify procedures and decisions by explaining mathematical reasoning
- solve problems by applying mathematical concepts and techniques drawn from Algebra, Functions, relations and their graphs, Calculus and Statistics.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Algebra, statistics and functions • Arithmetic and geometric sequences and series 1 • Functions and graphs • Counting and probability • Exponential functions 1 • Arithmetic and geometric sequences	Calculus and further functions Exponential functions 2 The logarithmic function 1 Trigonometric functions 1 Introduction to differential calculus Further differentiation and applications 1 Discrete random variables 1	 Further calculus The logarithmic function 2 Further differentiation and applications 2 Integrals 	Further functions and statistics Further differentiation and applications 3 Trigonometric functions 2 Discrete random variables 2 Continuous random variables and the normal distribution Interval estimates for proportions

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Summative assessments

Unit 3		Unit 4		
Summative internal assessment 1 (IA1): • Problem-solving and modelling task	20%	Summative internal assessment 3 (IA3): • Examination	15%	
Summative internal assessment 2 (IA2): • Examination	15%			
Summative external assessment (EA): 50% • Examination				

Specialist Mathematics

General senior subject



Specialist Mathematics' major domains are Vectors and matrices, Real and complex numbers, Trigonometry, Statistics and Calculus.

Specialist Mathematics is designed for students who develop confidence in their mathematical knowledge and ability, and gain a positive view of themselves as mathematics learners. They will gain an appreciation of the true nature of mathematics, its beauty and its power.

Students learn topics that are developed systematically, with increasing levels of sophistication, complexity and connection, building on functions, calculus, statistics from Mathematical Methods, while vectors, complex numbers and matrices are introduced. Functions and calculus are essential for creating models of the physical world. Statistics are used to describe and analyse phenomena involving probability, uncertainty and variation. Matrices, complex numbers and vectors are essential tools for explaining abstract or complex relationships that occur in scientific and technological endeavours.

Student learning experiences range from practising essential mathematical routines to developing procedural fluency, through to investigating scenarios, modelling the real world, solving problems and explaining reasoning.

Pathways

A course of study in Specialist Mathematics can establish a basis for further education and employment in the fields of science, all branches of mathematics and statistics, computer science, medicine, engineering, finance and economics.

Objectives

By the conclusion of the course of study, students will:

- select, recall and use facts, rules, definitions and procedures drawn from Vectors and matrices, Real and complex numbers, Trigonometry, Statistics and Calculus
- comprehend mathematical concepts and techniques drawn from Vectors and matrices, Real and complex numbers, Trigonometry, Statistics and Calculus
- communicate using mathematical, statistical and everyday language and conventions
- evaluate the reasonableness of solutions
- justify procedures and decisions, and prove propositions by explaining mathematical reasoning
- solve problems by applying mathematical concepts and techniques drawn from Vectors and matrices, Real and complex numbers, Trigonometry, Statistics and Calculus.

Structure

Specialist Mathematics is to be undertaken in conjunction with, or on completion of, Mathematical Methods.

Unit 1	Unit 2	Unit 3	Unit 4
Combinatorics, vectors and proof Combinatorics Vectors in the plane Introduction to proof	Complex numbers, trigonometry, functions and matrices Complex numbers 1 Trigonometry and functions Matrices	Mathematical induction, and further vectors, matrices and complex numbers Proof by mathematical induction Vectors and matrices Complex numbers 2	Further statistical and calculus inference Integration and applications of integration Rates of change and differential equations Statistical inference

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Summative assessments

Unit 3		Unit 4		
Summative internal assessment 1 (IA1): • Problem-solving and modelling task	20%	Summative internal assessment 3 (IA3): • Examination	15%	
Summative internal assessment 2 (IA2): • Examination	15%			
Summative external assessment (EA): 50% • Examination				

Essential Mathematics

Applied senior subject



Essential Mathematics' major domains are Number, Data, Location and time, Measurement and Finance.

Essential Mathematics benefits students because they develop skills that go beyond the traditional ideas of numeracy.

Students develop their conceptual understanding when they undertake tasks that require them to connect mathematical concepts, operations and relations. They learn to recognise definitions, rules and facts from everyday mathematics and data, and to calculate using appropriate mathematical processes.

Students interpret and use mathematics to make informed predictions and decisions about personal and financial priorities. This is achieved through an emphasis on estimation, problem-solving and reasoning, which develops students into thinking citizens.

Pathways

A course of study in Essential Mathematics can establish a basis for further education and employment in the fields of trade, industry, business and community services. Students learn within a practical context

related to general employment and successful participation in society, drawing on the mathematics used by various professional and industry groups.

Objectives

By the conclusion of the course of study, students will:

- select, recall and use facts, rules, definitions and procedures drawn from Number, Data, Location and time, Measurement and Finance
- comprehend mathematical concepts and techniques drawn from Number, Data, Location and time, Measurement and Finance
- communicate using mathematical, statistical and everyday language and conventions
- evaluate the reasonableness of solutions
- justify procedures and decisions by explaining mathematical reasoning
- solve problems by applying mathematical concepts and techniques drawn from Number, Data, Location and time, Measurement and Finance.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Number, data and graphs	Money, travel and data	Measurement, scales and data	Graphs, chance and loans
 Fundamental topic: Calculations Number Representing data Graphs 	 Fundamental topic: Calculations Managing money Time and motion Data collection 	 Fundamental topic: Calculations Measurement Scales, plans and models Summarising and comparing data 	 Fundamental topic: Calculations Bivariate graphs Probability and relative frequencies Loans and compound interest

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. Schools develop three summative internal assessments and the common internal assessment (CIA) is developed by the QCAA.

Summative assessments

Unit 3	Unit 4
Summative internal assessment 1 (IA1): • Problem-solving and modelling task	Summative internal assessment 3 (IA3): • Problem-solving and modelling task
Summative internal assessment 2 (IA2): • Common internal assessment (CIA)	Summative internal assessment (IA4): • Examination

English

General senior subject



English focuses on the study of both literary texts and non-literary texts, developing students as independent, innovative and creative learners and thinkers who appreciate the aesthetic use of language, analyse perspectives and evidence, and challenge ideas and interpretations through the analysis and creation of varied texts.

Students are offered opportunities to interpret and create texts for personal, cultural, social and aesthetic purposes. They learn how language varies according to context, purpose and audience, content, modes and mediums, and how to use it appropriately and effectively for a variety of purposes. Students have opportunities to engage with diverse texts to help them develop a sense of themselves, their world and their place in it.

Students communicate effectively in Standard Australian English for the purposes of responding to and creating texts. They make choices about generic structures, language, textual features and technologies for participating actively in literary analysis and the creation of texts in a range of modes, mediums and forms, for a variety of purposes and audiences. They explore how literary and non-literary texts shape perceptions of the world, and consider ways in which texts may reflect or challenge social and cultural ways of thinking and influence audiences.

Pathways

A course of study in English promotes openmindedness, imagination, critical awareness and intellectual flexibility — skills that prepare students for local and global citizenship, and for lifelong learning across a wide range of contexts.

Objectives

By the conclusion of the course of study, students will:

- use patterns and conventions of genres to achieve particular purposes in cultural contexts and social situations
- establish and maintain roles of the writer/speaker/signer/designer and relationships with audiences
- create and analyse perspectives and representations of concepts, identities, times and places
- make use of and analyse the ways cultural assumptions, attitudes, values and beliefs underpin texts and invite audiences to take up positions
- use aesthetic features and stylistic devices to achieve purposes and analyse their effects in texts
- select and synthesise subject matter to support perspectives
- organise and sequence subject matter to achieve particular purposes
- use cohesive devices to emphasise ideas and connect parts of texts
- make language choices for particular purposes and contexts
- use grammar and language structures for particular purposes
- use mode-appropriate features to achieve particular purposes.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Perspectives and texts Examining and creating perspectives in texts Responding to a variety of non-literary and literary texts Creating responses for public audiences and persuasive texts	Texts and culture Examining and shaping representations of culture in texts Responding to literary and non-literary texts, including a focus on Australian texts Creating imaginative and analytical texts	Exploring connections between texts Examining different perspectives of the same issue in texts and shaping own perspectives Creating responses for public audiences and persuasive texts	Close study of literary texts Engaging with literary texts from diverse times and places Responding to literary texts creatively and critically Creating imaginative and analytical texts

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Summative assessments

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Extended response — written response for a public audience	25%	Summative internal assessment 3 (IA3): • Extended response — imaginative written response	25%
Summative internal assessment 2 (IA2): • Extended response — persuasive spoken response	25%	Summative external assessment (EA): • Examination — analytical written response	25%

Literature

General senior subject



Literature focuses on the study of literary texts, developing students as independent, innovative and creative learners and thinkers who appreciate the aesthetic use of language, analyse perspectives and evidence, and challenge ideas and interpretations through the analysis and creation of varied literary texts.

Students engage with language and texts through a range of teaching and learning experiences to foster the skills to communicate effectively. They make choices about generic structures, language, textual features and technologies to participate actively in the dialogue and detail of literary analysis and the creation of imaginative and analytical texts in a range of modes, mediums and forms.

Students explore how literary texts shape perceptions of the world and enable us to enter the worlds of others. They explore ways in which literary texts may reflect or challenge social and cultural ways of thinking and influence audiences.

Pathways

A course of study in Literature promotes open-mindedness, imagination, critical awareness and intellectual flexibility — skills that prepare students for local and global citizenship, and for lifelong learning across a wide range of contexts.

Objectives

By the conclusion of the course of study, students will:

- use patterns and conventions of genres to achieve particular purposes in cultural contexts and social situations
- establish and maintain roles of the writer/speaker/signer/designer and relationships with audiences
- create and analyse perspectives and representations of concepts, identities, times and places
- make use of and analyse the ways cultural assumptions, attitudes, values and beliefs underpin texts and invite audiences to take up positions
- use aesthetic features and stylistic devices to achieve purposes and analyse their effects in texts
- select and synthesise subject matter to support perspectives
- organise and sequence subject matter to achieve particular purposes
- use cohesive devices to emphasise ideas and connect parts of texts
- make language choices for particular purposes and contexts
- use grammar and language structures for particular purposes
- use mode-appropriate features to achieve particular purposes.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Introduction to literary studies • Ways literary texts are received and responded to • How textual choices affect readers • Creating analytical and imaginative texts	Texts and culture Ways literary texts connect with each other — genre, concepts and contexts Ways literary texts connect with each other — style and structure Creating analytical and imaginative texts	Literature and identity Relationship between language, culture and identity in literary texts Power of language to represent ideas, events and people Creating analytical and imaginative texts	Independent explorations Dynamic nature of literary interpretation Close examination of style, structure and subject matter Creating analytical and imaginative texts

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Examination — analytical written response	25%	Summative internal assessment 3 (IA3): • Extended response — imaginative written response	25%
Summative internal assessment 2 (IA2): • Extended response — imaginative spoken/multimodal response	25%	Summative external assessment (EA): • Examination — analytical written response	25%

Essential English

Applied senior subject



Essential English develops and refines students' understanding of language, literature and literacy to enable them to interact confidently and effectively with others in everyday, community and social contexts. Students recognise language and texts as relevant in their lives now and in the future and learn to understand, accept or challenge the values and attitudes in these texts.

Students engage with language and texts to foster skills to communicate confidently and effectively in Standard Australian English in a variety of contemporary contexts and social situations, including everyday, social, community, further education and work-related contexts. They choose generic structures, language, language features and technologies to best convey meaning. They develop skills to read for meaning and purpose, and to use, critique and appreciate a range of contemporary literary and non-literary texts.

Students use language effectively to produce texts for a variety of purposes and audiences and engage creative and imaginative thinking to explore their own world and the worlds of others. They actively and critically interact with a range of texts, developing an awareness of how the language they engage with positions them and others.

Pathways

A course of study in Essential English promotes open-mindedness, imagination, critical awareness and intellectual flexibility — skills that prepare students for local and global citizenship, and for lifelong learning across a wide range of contexts.

Objectives

By the conclusion of the course of study, students will:

- use patterns and conventions of genres to achieve particular purposes in cultural contexts and social situations
- use appropriate roles and relationships with audiences
- construct and explain representations of identities, places, events and concepts
- make use of and explain the ways cultural assumptions, attitudes, values and beliefs underpin texts and influence meaning
- explain how language features and text structures shape meaning and invite particular responses
- select and use subject matter to support perspectives
- sequence subject matter and use modeappropriate cohesive devices to construct coherent texts
- make mode-appropriate language choices according to register informed by purpose, audience and context
- use language features to achieve particular purposes across modes.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Language that works	Texts and human experiences	Language that influences	Representations and popular culture texts
 Responding to a variety of texts used in and developed for a work context Creating multimodal and written texts 	 Responding to reflective and nonfiction texts that explore human experiences Creating spoken and written texts 	 Creating and shaping perspectives on community, local and global issues in texts Responding to texts that seek to influence audiences 	 Responding to popular culture texts Creating representations of Australian identifies, places, events and concepts

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. Schools develop three summative internal assessments and the common internal assessment (CIA) is developed by the QCAA.

Unit 3	Unit 4
Summative internal assessment 1 (IA1): • Extended response — spoken/signed response	Summative internal assessment 3 (IA3): • Extended response — Multimodal response
Summative internal assessment 2 (IA2): • Common internal assessment (CIA)	Summative internal assessment (IA4): • Extended response — Written response

Accounting

General senior subject



Accounting provides opportunities for students to develop an understanding of the essential role of organising, analysing and communicating financial data and information in the successful performance of any organisation.

Students learn fundamental accounting concepts in order to understand accrual accounting and managerial and accounting controls, preparing internal financial reports, ratio analysis and interpretation of internal and external financial reports. They synthesise financial data and other information, evaluate accounting practices, solve authentic accounting problems, make decisions and communicate recommendations.

Students develop numerical, literacy, technical, financial, critical thinking, decision-making and problem-solving skills. They develop an understanding of the ethical attitudes and values required to participate effectively and responsibly in a changing business environment.

Pathways

A course of study in Accounting can establish a basis for further education and employment in the fields of accounting, business, management, banking, finance, law, economics and commerce.

Objectives

By the conclusion of the course of study, students will:

- describe accounting concepts and principles
- explain accounting concepts, principles and processes
- apply accounting principles and processes
- analyse and interpret financial data and information to draw conclusions
- evaluate accounting practices to make decisions and propose recommendations
- synthesise and solve accounting problems
- create responses that communicate meaning to suit purpose and audience.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Real world accounting	Management effectiveness	Monitoring a business	Accounting — the big picture
 Accounting for a service business — cash, accounts receivable, accounts payable and no GST End-of-month reporting for a service business 	 Accounting for a trading GST business End-of-year reporting for a trading GST business 	 Managing resources for a trading GST business — non- current assets Fully classified financial statement reporting for a trading GST business 	 Cash management Complete accounting process for a trading GST business Performance analysis of a listed public company

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Examination — combination response	25%	Summative internal assessment 3 (IA3): • Project — cash management	25%
Summative internal assessment 2 (IA2): • Examination — short response	25%	Summative external assessment (EA): • Examination — short response	25%

Ancient History

General senior subject



Ancient History provides opportunities for students to study people, societies and civilisations of the past, from the development of the earliest human communities to the end of the Middle Ages. Students explore the interaction of societies, and the impact of individuals and groups on ancient events and ways of life, and study the development of some features of modern society, such as social organisation, systems of law, governance and religion.

Students analyse and interpret archaeological and written evidence. They develop increasingly sophisticated skills and understandings of historical issues and problems by interrogating the surviving evidence of ancient sites, societies, individuals and significant historical periods. They investigate the problematic nature of evidence, pose increasingly complex questions about the past and formulate reasoned responses.

Students gain multi-disciplinary skills in analysing textual and visual sources, constructing arguments, challenging assumptions, and thinking both creatively and critically.

Pathways

A course of study in Ancient History can establish a basis for further education and employment in the fields of archaeology, history, education, psychology, sociology, law, business, economics, politics, journalism, the media, health and social sciences, writing, academia and research.

Objectives

By the conclusion of the course of study, students will:

- comprehend terms, issues and concepts
- devise historical questions and conduct research
- analyse historical sources and evidence
- synthesise information from historical sources and evidence
- evaluate historical interpretations
- create responses that communicate meaning.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Investigating the ancient world Digging up the past Ancient societies — Slavery Ancient societies — Art and architecture Ancient societies — Weapons and warfare Ancient societies — Technology and engineering Ancient societies — The family	Personalities in their time Hatshepsut Akhenaten Xerxes Perikles Alexander the Great Hannibal Barca Cleopatra Agrippina the Younger Nero Boudica Cao Cao	Reconstructing the ancient world Thebes — East and West, 18th Dynasty Egypt The Bronze Age Aegean Assyria from Tiglath Pileser III to the fall of the Empire Fifth Century Athens (BCE) Philip II and Alexander III of Macedon	People, power and authority Schools choose one study of power from: • Ancient Egypt — New Kingdom Imperialism • Ancient Greece — the Persian Wars • Ancient Greece — the Peloponnesian War • Ancient Rome — the Punic Wars • Ancient Rome — Civil War and the breakdown of the Republic

Unit 1	Unit 2	Unit 3	Unit 4
Ancient societies — Beliefs, rituals and funerary practices.	 Saladin (An-Nasir Salah ad-Din Yusuf ibn Ayyub) Richard the Lionheart Alternative choice of personality 	 Early Imperial Rome Pompeii and Herculaneum Later Han Dynasty and the Three Kingdoms The 'Fall' of the Western Roman Empire The Medieval Crusades 	QCAA will nominate one topic that will be the basis for an external examination from: Thutmose III Rameses II Themistokles Alkibiades Scipio Africanus Caesar Augustus

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4		
Summative internal assessment 1 (IA1): • Examination — essay in response to historical sources	25%	Summative internal assessment 3 (IA3): • Investigation — historical essay based on research	25%	
Summative internal assessment 2 (IA2): • Independent source investigation	25%	Summative external assessment (EA): • Examination — short responses to historical sources	25%	

Legal Studies

General senior subject



Legal Studies focuses on the interaction between society and the discipline of law and explores the role and development of law in response to current issues. Students study the legal system and how it regulates activities and aims to protect the rights of individuals, while balancing these with obligations and responsibilities.

Students study the foundations of law, the criminal justice process and the civil justice system. They critically examine issues of governance, explore contemporary issues of law reform and change, and consider Australian and international human rights issues.

Students develop skills of inquiry, critical thinking, problem-solving and reasoning to make informed and ethical decisions and recommendations. They identify and describe legal issues, explore information and data, analyse, evaluate to make decisions or propose recommendations, and create responses that convey legal meaning. They question, explore and discuss tensions between changing social values, justice and equitable outcomes.

Pathways

A course of study in Legal Studies can establish a basis for further education and employment in the fields of law, law enforcement, criminology, justice studies and politics. The knowledge, skills and attitudes students gain are transferable to all discipline areas and post-schooling tertiary pathways. The research and analytical skills this course develops are universally valued in business, health, science and engineering industries.

Objectives

By the conclusion of the course of study, students will:

- comprehend legal concepts, principles and processes
- select legal information from sources
- analyse legal issues
- · evaluate legal situations
- create responses that communicate meaning.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Beyond reasonable doubt	Balance of probabilities	Law, governance and change	Human rights in legal contexts
 Legal foundations Criminal investigation process Criminal trial process Punishment and sentencing 	 Civil law foundations Contractual obligations Negligence and the duty of care 	Governance in AustraliaLaw reform within a dynamic society	 Human rights The effectiveness of international law Human rights in Australian contexts

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Examination — combination response	25%	Summative internal assessment 3 (IA3): • Investigation — argumentative essay	25%
Summative internal assessment 2 (IA2): • Investigation — inquiry report	25%	Summative external assessment (EA): • Examination — combination response	25%

Modern History

General senior subject



Modern History provides opportunities for students to gain historical knowledge and understanding about some of the main forces that have contributed to the development of the Modern World and to think historically and form a historical consciousness in relation to these same forces.

Modern History enables students to empathise with others and make meaningful connections between the past, present and possible futures.

Students learn that the past is contestable and tentative. Through inquiry into ideas, movements, national experiences and international experiences they discover how the past consists of various perspectives and interpretations.

Students gain a range of transferable skills that will help them become empathetic and critically-literate citizens who are equipped to embrace a multicultural, pluralistic, inclusive, democratic, compassionate and sustainable future.

Pathways

A course of study in Modern History can establish a basis for further education and employment in the fields of history, education, psychology, sociology, law, business, economics, politics, journalism, the media, writing, academia and strategic analysis.

Objectives

By the conclusion of the course of study, students will:

- comprehend terms, issues and concepts
- devise historical questions and conduct research
- analyse historical sources and evidence
- synthesise information from historical sources and evidence
- · evaluate historical interpretations
- create responses that communicate meaning.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Ideas in the modern world • Australian Frontier Wars, 1788–1930s • Age of Enlightenment, 1750s–1789 • Industrial Revolution, 1760s–1890s • American Revolution, 1763–1783 • French Revolution, 1789–1799 • Age of Imperialism, 1848–1914	Movements in the modern world Australian Indigenous rights movement since 1967 Independence movement in India, 1857–1947 Workers' movement since the 1860s Women's movement since 1893 May Fourth Movement in China, 1919	National experiences in the modern world Australia, 1914–1949 England, 1707–1837 France, 1799–1815 New Zealand, 1841–1934 Germany,1914–1945 United States of America, 1917–1945 Soviet Union, 1920s–1945 Japan, 1931–1967 China, 1931–1976	International experiences in the modern world • Australian engagement with Asia since 1945 • Search for collective peace and security since 1815 • Trade and commerce between nations since 1833 • Mass migrations since 1848 • Information Age since 1936 • Genocides and ethnic cleansings since 1941 • Nuclear Age since 1945

Unit 1	Unit 2	Unit 3	Unit 4
Meiji Restoration, 1868–1912	Independence movement in Algeria, 1945–1962	 Indonesia, 1942– 1975 India, 1947–1974 Israel, 1948–1993 	• Cold War, 1945–1991
 Boxer Rebellion, 1900–1901 Russian Revolution, 1905–1920s Xinhai Revolution, 1911–1912 Iranian Revolution, 1977–1979 Arab Spring since 2010 Alternative topic for Unit 1 	 Independence movement in Vietnam, 1945–1975 Anti-apartheid movement in South Africa, 1948–1991 African-American civil rights movement, 1954–1968 Environmental movement since the 1960s LGBTIQ civil rights movement since 1969 Pro-democracy movement in Myanmar (Burma) since 1988 Alternative topic for Unit 2 	• South Korea, 1948–1972	 Struggle for peace in the Middle East since 1948 Cultural globalisation since 1956 Space exploration since 1957 Rights and recognition of First Peoples since 1982 Terrorism, anti-terrorism and counter-terrorism since 1984

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Examination — essay in response to historical sources	25%	Summative internal assessment 3 (IA3): • Investigation — historical essay based on research	25%
Summative internal assessment 2 (IA2): • Independent source investigation	25%	Summative external assessment (EA): • Examination — short responses to historical sources	25%

Social & Community Studies

Applied senior subject



Social & Community Studies focuses on personal development and social skills which lead to self-reliance, self-management and concern for others. It fosters appreciation of, and respect for, cultural diversity and encourages responsible attitudes and behaviours required for effective participation in the community and for thinking critically, creatively and constructively about their future.

Students develop personal, interpersonal, and citizenship skills, encompassing social skills, communication skills, respect for and interaction with others, building rapport, problem solving and decision making, self-esteem, self-confidence and resilience, workplace skills, learning and study skills.

Students use an inquiry approach in collaborative learning environments to investigate the dynamics of society and the benefits of working with others in the community. They are provided with opportunities to explore and refine personal values and lifestyle choices and to practise, develop and value social, community and workplace participation skills.

Pathways

A course of study in Social & Community Studies can establish a basis for further education and employment, as it helps students develop the skills and attributes necessary in all workplaces.

Objectives

By the conclusion of the course of study, students should:

- recognise and describe concepts and ideas related to the development of personal, interpersonal and citizenship skills
- recognise and explain the ways life skills relate to social contexts
- explain issues and viewpoints related to social investigations
- organise information and material related to social contexts and issues
- analyse and compare viewpoints about social contexts and issues
- apply concepts and ideas to make decisions about social investigations
- use language conventions and features to communicate ideas and information, according to purposes
- plan and undertake social investigations
- communicate the outcomes of social investigations, to suit audiences
- appraise inquiry processes and the outcomes of social investigations.

Structure

The Social and Community Studies course is designed around three core life skills areas which must be covered within every elective topic studied, and be integrated throughout the course.

Core life skills	Elective topics	
 Personal skills — Growing and developing as an individual Interpersonal skills — Living with and relating to other people Citizenship skills — Receiving from and contributing to community 	 The Arts and the community Australia's place in the world Gender and identity Health: Food and nutrition Health: Recreation and leisure 	 Into relationships Legally, it could be you Money management Science and technology Today's society The world of work

Assessment

For Social and Community Studies, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments from at least three different assessment techniques, including:

- one project or investigation
- one examination
- no more than two assessments from each technique.

Project	Investigation	Extended response	Examination
A response to a single task, situation and/or scenario.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.	A technique that assesses the interpretation, analysis/examination and/or evaluation of ideas and information in provided stimulus materials.	A response that answers a number of provided questions, scenarios and/or problems.
At least two different components from the following: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal: 3–6 minutes • performance: continuous class time • product: continuous class time.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	60–90 minutes 50–250 words per item on the test

Design

General senior subject



Design focuses on the application of design thinking to envisage creative products, services and environments in response to human needs, wants and opportunities. Designing is a complex and sophisticated form of problem-solving that uses divergent and convergent thinking strategies that can be practised and improved. Designers are separated from the constraints of production processes to allow them to appreciate and exploit new innovative ideas.

Students learn how design has influenced the economic, social and cultural environment in which they live. They understand the agency of humans in conceiving and imagining possible futures through design. Collaboration, teamwork and communication are crucial skills needed to work in design teams and liaise with stakeholders. They learn the value of creativity and build resilience as they experience iterative design processes, where the best ideas may be the result of trial and error and a willingness to take risks and experiment with alternatives.

Students learn about and experience design through exploring needs, wants and opportunities; developing ideas and design concepts; using drawing and low-fidelity prototyping skills; and evaluating ideas and design concepts. They communicate design proposals to suit different audiences.

Pathways

A course of study in Design can establish a basis for further education and employment in the fields of architecture, digital media design, fashion design, graphic design, industrial design, interior design and landscape architecture.

Objectives

By the conclusion of the course of study, students will:

- describe design problems and design criteria
- represent ideas, design concepts and design information using drawing and low-fidelity prototyping
- analyse needs, wants and opportunities using data
- devise ideas in response to design problems
- synthesise ideas and design information to propose design concepts
- evaluate ideas and design concepts to make refinements
- make decisions about and use modeappropriate features, language and conventions for particular purposes and contexts.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Design in practice	Explore — client needs and wants Develop — collaborative design	Human-centred design • Designing with empathy	Sustainable design Explore — sustainable design opportunities Develop — redesign

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Examination — design challenge	15%	Summative internal assessment 3 (IA3): • Project	25%
Summative internal assessment 2 (IA2): • Project	35%	Summative external assessment (EA): • Examination — design challenge	25%

Digital Solutions

General senior subject



Digital Solutions enables students to learn about algorithms, computer languages and user interfaces through generating digital solutions to problems. Students engage with data, information and applications to create digital solutions that filter and present data in timely and efficient ways while understanding the need to encrypt and protect data. They understand computing's personal, local and global impact, and the issues associated with the ethical integration of technology into our daily lives.

Students use problem-based learning to write computer programs to create digital solutions that: use data; require interactions with users and within systems; and affect people, the economy and environments. They develop solutions using combinations of readily available hardware and software development environments, code libraries or specific instructions provided through programming.

Students create, construct and repurpose solutions that are relevant in a world where data and digital realms are transforming entertainment, education, business, manufacturing and many other industries.

Pathways

A course of study in Digital Solutions can establish a basis for further education and employment in the fields of science, technologies, engineering and mathematics.

Objectives

By the conclusion of the course of study, students will:

- recognise and describe elements, components, principles and processes
- symbolise and explain information, ideas and interrelationships
- · analyse problems and information
- determine solution requirements and criteria
- synthesise information and ideas to determine possible digital solutions
- generate components of the digital solution
- evaluate impacts, components and solutions against criteria to make refinements and justified recommendations
- make decisions about and use modeappropriate features, language and conventions for particular purposes and contexts.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Creating with code Understanding digital problems User experiences and interfaces Algorithms and programming techniques Programmed solutions	Application and data solutions Data-driven problems and solution requirements Data and programming techniques Prototype data solutions	Digital innovation Interactions between users, data and digital systems Real-world problems and solution requirements Innovative digital solutions	Digital impacts Digital methods for exchanging data Complex digital data exchange problems and solution requirements Prototype digital data exchanges

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Investigation — technical proposal	20%	Summative internal assessment 3 (IA3): • Project — folio	25%
Summative internal assessment 2 (IA2): • Project — digital solution	30%	Summative external assessment (EA): • Examination	25%

Engineering

General senior subject



Engineering includes the study of mechanics, materials science and control technologies through real-world engineering contexts where students engage in problem-based learning.

Students learn to explore complex, openended problems and develop engineered solutions. They recognise and describe engineering problems, determine solution success criteria, develop and communicate ideas and predict, generate, evaluate and refine prototype solutions.

Students justify their decision-making and acknowledge the societal, economic and environmental sustainability of their engineered solutions. The problem-based learning framework in Engineering encourages students to become self-directed learners and develop beneficial collaboration and management skills.

Pathways

A course of study in Engineering can establish a basis for further education and employment in the field of engineering, including, but not limited to, civil, mechanical, mechatronic, electrical, aerospace, mining, process, chemical, marine, biomedical, telecommunications, environmental, micro-nano and systems. The study of engineering will also benefit students wishing to pursue post-school tertiary pathways that lead to careers in architecture, project management, aviation, surveying and spatial sciences.

Objectives

By the conclusion of the course of study, students will:

- recognise and describe engineering problems, concepts and principles
- symbolise and explain ideas and solutions
- · analyse problems and information
- determine solution success criteria for engineering problems
- synthesise information and ideas to predict possible solutions
- generate prototype solutions to provide data to assess the accuracy of predictions
- evaluate and refine ideas and solutions to make justified recommendations
- make decisions about and use modeappropriate features, language and conventions for particular purposes and contexts.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Engineering fundamentals and society Engineering history The problem-solving process in Engineering Engineering Introduction to engineering mechanics Introduction to engineering materials	Emerging technologies Emerging needs Emerging processes and machinery Emerging materials Exploring autonomy	Statics of structures and environmental considerations • Application of the problem-solving process in Engineering • Civil structures and the environment • Civil structures, materials and forces	Machines and mechanisms Machines in society Materials Machine control

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Project — folio	25%	Summative internal assessment 3 (IA3): • Project — folio	25%
Summative internal assessment 2 (IA2): • Examination	25%	Summative external assessment (EA): • Examination	25%

Engineering Skills

Applied senior subject



Engineering Skills focuses on the underpinning industry practices and production processes required to create, maintain and repair predominantly metal products in the engineering manufacturing industry.

Students understand industry practices, interpret specifications, including technical information and drawings, demonstrate and apply safe and practical production processes with hand/power tools and machinery, communicate using oral, written and graphical modes, organise, calculate and plan production processes and evaluate the products they create using predefined specifications.

Students develop transferable skills by engaging in manufacturing tasks that relate to business and industry, and that promote adaptable, competent, self-motivated and safe individuals who can work with colleagues to solve problems and complete practical work.

Pathways

A course of study in Engineering Skills can establish a basis for further education and employment in engineering trades. With additional training and experience, potential employment opportunities may be found, for example, as a sheet metal worker, metal fabricator, welder, maintenance fitter, metal machinist, locksmith, air-conditioning

mechanic, refrigeration mechanic or automotive mechanic.

Objectives

By the conclusion of the course of study, students should:

- describe industry practices in manufacturing tasks
- demonstrate fundamental production skills
- interpret drawings and technical information
- analyse manufacturing tasks to organise materials and resources
- select and apply production skills and procedures in manufacturing tasks
- use visual representations and language conventions and features to communicate for particular purposes
- · plan and adapt production processes
- · create products from specifications
- evaluate industry practices, production processes and products, and make recommendations.

Structure

The Engineering Skills course is designed around core and elective topics.

Core topics	Elective topics
Industry practices Production processes	Fitting and machiningSheet metal workingWelding and fabrication

For Engineering Skills, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least two projects
- at least one practical demonstration (separate to the assessable component of a project).

Project	Practical demonstration	Examination
A response to a single task, situation and/or scenario.	A task that assesses the practical application of a specific set of teacher-identified production skills and procedures.	A response that answers a number of provided questions, scenarios and/or problems.
A project consists of a product component and at least one of the following components: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal - non-presentation: 8 A4 pages max (or equivalent) - presentation: 3–6 minutes • product: continous class time.	Students demonstrate production skills and procedures in class under teacher supervision.	• 60–90 minutes • 50–250 words per item

Furnishing Skills

Applied senior subject



Furnishing Skills focuses on the underpinning industry practices and production processes required to manufacture furnishing products with high aesthetic qualities.

Students understand industry practices; interpret specifications, including technical information and drawings; demonstrate and apply safe practical production processes with hand/power tools and machinery; communicate using oral, written and graphical modes; organise, calculate and plan production processes; and evaluate the products they create using predefined specifications.

Students develop transferable skills by engaging in manufacturing tasks that relate to business and industry, and that promote adaptable, competent, self-motivated and safe individuals who can work with colleagues to solve problems and complete practical work.

Pathways

A course of study in Furnishing Skills can establish a basis for further education and employment in the furnishing industry. With additional training and experience, potential employment opportunities may be found in furnishing trades as, for example,

a furniture-maker, wood machinist, cabinetmaker, polisher, shopfitter, upholsterer, furniture restorer, picture framer, floor finisher or glazier.

Objectives

By the conclusion of the course of study, students should:

- describe industry practices in manufacturing tasks
- demonstrate fundamental production skills
- interpret drawings and technical information
- analyse manufacturing tasks to organise materials and resources
- select and apply production skills and procedures in manufacturing tasks
- use visual representations and language conventions and features to communicate for particular purposes
- plan and adapt production processes
- · create products from specifications
- evaluate industry practices, production processes and products, and make recommendations.

Structure

The Furnishing Skills course is designed around core and elective topics.

Core topics	Elective topics
Industry practices Production processes	Cabinet-makingFurniture finishingFurniture-makingGlazing and framingUpholstery

For Furnishing Skills, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least two projects
- at least one practical demonstration (separate to the assessable component of a project).

Project	Practical demonstration	Examination
A response to a single task, situation and/or scenario.	A task that assesses the practical application of a specific set of teacher-identified production skills and procedures.	A response that answers a number of provided questions, scenarios and/or problems.
A project consists of a product component and at least one of the following components: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal - non-presentation: 8 A4 pages max (or equivalent) - presentation: 3-6 minutes • product: continous class time.	Students demonstrate production skills and procedures in class under teacher supervision.	• 60–90 minutes • 50–250 words per item

Hospitality Practices

Applied senior subject



Hospitality Practices develops knowledge, understanding and skills about the hospitality industry and emphasises the food and beverage sector, which includes food and beverage production and service.

Students develop an understanding of hospitality and the structure, scope and operation of related activities in the food and beverage sector and examine and evaluate industry practices from the food and beverage sector.

Students develop skills in food and beverage production and service. They work as individuals and as part of teams to plan and implement events in a hospitality context. Events provide opportunities for students to participate in and produce food and beverage products and perform service for customers in real-world hospitality contexts.

Pathways

A course of study in Hospitality Practices can establish a basis for further education and employment in the hospitality sectors of food and beverage, catering, accommodation and entertainment.

Students could pursue further studies in hospitality, hotel, event and tourism or business management, which allows for specialisation.

Objectives

By the conslusion of the course of study, students should:

- explain concepts and ideas from the food and beverage sector
- describe procedures in hospitality contexts from the food and beverage sector
- examine concepts and ideas and procedures related to industry practices from the food and beverage sector
- apply concepts and ideas and procedures when making decisions to produce products and perform services for customers
- use language conventions and features to communicate ideas and information for specific purposes.
- plan, implement and justify decisions for events in hospitality contexts
- critique plans for, and implementation of, events in hospitality contexts
- evaluate industry practices from the food and beverage sector.

Structure

The Hospitality Practices course is designed around core topics embedded in a minimum of two elective topics.

Core topics	Elective topics
Navigating the hospitality industryWorking effectively with othersHospitality in practice	Kitchen operationsBeverage operations and serviceFood and beverage service

For Hospitality Practices, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least two projects
- at least one investigation or an extended response.

Project	Investigation	Extended response	Examination
A response to a single task, situation and/or scenario.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.	A technique that assesses the interpretation, analysis/examination and/or evaluation of ideas and information in provided stimulus materials.	A response that answers a number of provided questions, scenarios and/or problems.
A project consists of a product and performance component and one other component from the following: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal: 3–6 minutes • product and performance: continuous class time	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	60–90 minutes 50–250 words per item

Industrial Graphics Skills

Applied senior subject



Industrial Graphics Skills focuses on the underpinning industry practices and production processes required to produce the technical drawings used in a variety of industries, including building and construction, engineering and furnishing.

Students understand industry practices, interpret technical information and drawings, demonstrate and apply safe practical modelling procedures with tools and materials, communicate using oral and written modes, organise and produce technical drawings and evaluate drawings using specifications.

Students develop transferable skills by engaging in drafting and modelling tasks that relate to business and industry, and that promote adaptable, competent, self-motivated and safe individuals who can work with colleagues to solve problems and complete tasks.

Pathways

A course of study in Industrial Graphics Skills can establish a basis for further education and employment in a range of roles and trades in the manufacturing industries. With additional training and experience, potential employment opportunities may be found in drafting roles such as architectural drafter, estimator, mechanical drafter, electrical drafter, structural drafter, civil drafter and survey drafter.

Objectives

By the conclusion of the course of study, students should:

- describe industry practices in drafting and modelling tasks
- demonstrate fundamental drawing skills
- interpret drawings and technical information
- analyse drafting tasks to organise information
- select and apply drawing skills and procedures in drafting tasks
- use language conventions and features to communicate for particular purposes
- · construct models from drawings
- create technical drawings from industry requirements
- evaluate industry practices, drafting processes and drawings, and make recommendations.

Structure

The Industrial Graphics Skills course is designed around core and elective topics.

Core topics	Elective topics
Industry practicesDrafting processes	Building and construction drafting Engineering drafting Furnishing drafting

For Industrial Graphic Skills, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least two projects
- at least one practical demonstration (separate to the assessable component of a project).

Project	Practical demonstration	Examination
A response to a single task, situation and/or scenario.	A task that assesses the practical application of a specific set of teacher-identified production skills and procedures.	A response that answers a number of provided questions, scenarios and/or problems.
A project consists of a technical drawing (which incldues a model) component and at least one of the following components: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal - non-presentation: 8 A4 pages max (or equivalent) - presentation: 3-6 minutes • product: continous class time.	Students demonstrate production skills and procedures in class under teacher supervision.	• 60–90 minutes • 50–250 words per item

Information & Communication Technology

Applied senior subject



Information & Communication Technology (ICT) focuses on the knowledge, understanding and skills related to engagement with information and communication technology through a variety of elective contexts derived from work, study and leisure environments of today.

Students are equipped with knowledge of current and emerging hardware and software combinations, an understanding of how to apply them in real-world contexts and the skills to use them to solve technical and/or creative problems. They develop knowledge, understanding and skills across multiple platforms and operating systems, and are ethical and responsible users and advocates of ICT, aware of the social, environmental and legal impacts of their actions.

Students apply their knowledge of ICT to produce solutions to simulated problems referenced to business, industry, government, education and leisure contexts.

Pathways

A course of study in Information and Communication Technology can establish a basis for further education and employment in many fields, especially the fields of ICT operations, help desk, sales support, digital media support, office administration, records and data management, and call centres.

Objectives

By the conslusion of the course of study, students should:

- identify and explain hardware and software requirements related to ICT problems
- identify and explain the use of ICT in society
- analyse ICT problems to identify solutions
- communicate ICT information to audiences using visual representations and language conventions and features
- apply software and hardware concepts, ideas and skills to complete tasks in ICT contexts
- synthesise ICT concepts and ideas to plan solutions to given ICT problems
- produce solutions that address ICT problems
- evaluate problem-solving processes and solutions, and make recommendations.

Structure

The Information & Communication Technology course is designed around:

- · core topics integrated into modules of work
- · using a problem-solving process
- three or more elective contexts.

Core topics	Elective contexts	
 Hardware Software ICT in society	AnimationApplication developmentAudio and video productionData management	Network fundamentalsOnline communicationWebsite production

- Digital imaging and modelling
- Document production

For Information & Communication Technology, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least two projects
- at least one extended response.

Project	Extended response
A response to a single task, situation and/or scenario.	A technique that assesses the interpretation, analysis/examination and/or evaluation of ideas and information in provided stimulus materials.
A project consists of a product component and at least one of the following components: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal: 3–6 minutes • product: continuous class time.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.

Physical Education

General senior subject



Physical Education provides students with knowledge, understanding and skills to explore and enhance their own and others' health and physical activity in diverse and changing contexts.

Physical Education provides a philosophical and educative framework to promote deep learning in three dimensions: about, through and in physical activity contexts. Students optimise their engagement and performance in physical activity as they develop an understanding and appreciation of the interconnectedness of these dimensions.

Students learn how body and movement concepts and the scientific bases of biophysical, sociocultural and psychological concepts and principles are relevant to their engagement and performance in physical activity. They engage in a range of activities to develop movement sequences and movement strategies.

Students learn experientially through three stages of an inquiry approach to make connections between the scientific bases and the physical activity contexts. They recognise and explain concepts and principles about and through movement, and demonstrate and apply body and movement concepts to movement sequences and movement strategies.

Through their purposeful engagement in physical activities, students gather data to analyse, synthesise and devise strategies to optimise engagement and performance. They engage in reflective decision-making as they evaluate and justify strategies to achieve a particular outcome.

Pathways

A course of study in Physical Education can establish a basis for further education and employment in the fields of exercise science, biomechanics, the allied health professions, psychology, teaching, sport journalism, sport marketing and management, sport promotion, sport development and coaching.

Objectives

By the conclusion of the course of study, students will:

- recognise and explain concepts and principles about movement
- demonstrate specialised movement sequences and movement strategies
- apply concepts to specialised movement sequences and movement strategies
- analyse and synthesise data to devise strategies about movement
- evaluate strategies about and in movement
- justify strategies about and in movement
- make decisions about and use language, conventions and mode-appropriate features for particular purposes and contexts.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Motor learning, functional anatomy, biomechanics and	Sport psychology, equity and physical activity	Tactical awareness, ethics and integrity and physical activity	Energy, fitness and training and physical activity
 physical activity Motor learning integrated with a selected physical activity Functional anatomy and biomechanics integrated with a selected physical activity 	 Sport psychology integrated with a selected physical activity Equity — barriers and enablers 	 Tactical awareness integrated with one selected 'Invasion' or 'Net and court' physical activity Ethics and integrity 	Energy, fitness and training integrated with one selected 'Invasion', 'Net and court' or 'Performance' physical activity

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Project — folio	25%	Summative internal assessment 3 (IA3): • Project — folio	30%
Summative internal assessment 2 (IA2): • Investigation — report	20%	Summative external assessment (EA): • Examination — combination response	25%

Early Childhood Studies

Applied senior subject



Early Childhood Studies focuses on learning about children aged from birth to five years.

Students explore play-based learning activities from two perspectives: they use theories about early childhood learning and devise play-based learning activities responsive to children's needs.

Students examine the interrelatedness of core concepts and ideas of the fundamentals and practices of early childhood learning. They plan, justify and evaluate play-based learning activities responsive to the needs of children as well as evaluating contexts in early childhood learning. This enables students to develop understanding of the multifaceted, diverse and significant nature of early childhood learning.

Pathways

A course of study in Early Childhood Studies can establish a basis for further education and employment in health, community services and education. Work opportunities exist as early childhood educators, teacher's aides or assistants in a range of early childhood contexts.

Objectives

By the conclusion of the course of study, students should:

- describe concepts and ideas related to fundamentals of early childhood
- explain concepts and ideas of practices of early childhood learning.
- analyse concepts and ideas of the fundamentals and practices of early childhood learning
- apply concepts and ideas of the fundamentals and practices of early childhood learning
- use language conventions and features to communicate ideas and information for specific purposes
- plan and justify play-based learning activities responsive to children's needs
- evaluate play-based learning activities in response to children's needs
- evaluate contexts in early childhood learning.

Structure

The Early Childhood Studies course is designed around core topics embedded in at least four elective topics.

Core topics	Elective topics
Fundamentals of early childhood Practices in early childhood	 Play and creativity Literacy and numeracy skills Being in a safe place Health and physical wellbeing Indoor and outdoor learning environments

For Early Childhood Studies, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- two projects
- two other assessments.

Project	Investigation	Extended response	Examination
A response to a single task, situation and/or scenario.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.	A technique that assesses the interpretation, analysis/examination and/or evaluation of ideas and information in provided stimulus materials.	A response that answers a number of provided questions, scenarios and/or problems.
At least two different components from the following: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal: 3–6 minutes • performance: continuous class time • product: continuous class time.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	• 60–90 minutes • 50–250 words per item

Sport & RecreationApplied senior subject



Sport & Recreation provides students with opportunities to learn in, through and about sport and active recreation activities, examining their role in the lives of individuals and communities.

Students examine the relevance of sport and active recreation in Australian culture, employment growth, health and wellbeing. They consider factors that influence participation in sport and recreation, and how physical skills can enhance participation and performance in sport and recreation activities. Students explore how interpersonal skills support effective interaction with others, and the promotion of safety in sport and recreation activities. They examine technology in sport and recreation activities, and how the sport and recreation industry contributes to individual and community outcomes.

Students are involved in acquiring, applying and evaluating information about and in physical activities and performances, planning and organising activities, investigating solutions to individual and community challenges, and using suitable technologies where relevant. They communicate ideas and information in, about and through sport and recreation activities. They examine the effects of sport and recreation on individuals and communities, investigate the role of sport and recreation in maintaining good health, evaluate strategies to promote health and safety, and investigate personal and interpersonal skills to achieve goals.

Pathways

A course of study in Sport & Recreation can establish a basis for further education and employment in the fields of fitness, outdoor recreation and education, sports administration, community health and recreation and sport performance.

Objectives

By the conclusion of the course of study, students should:

- demonstrate physical responses and interpersonal strategies in individual and group situations in sport and recreation activities
- describe concepts and ideas about sport and recreation using terminology and examples
- explain procedures and strategies in, about and through sport and recreation activities for individuals and communities
- apply concepts and adapt procedures. strategies and physical responses in individual and group sport and recreation activities
- manage individual and group sport and recreation activities
- apply strategies in sport and recreation activities to enhance health, wellbeing, and participation for individuals and communities
- use language conventions and textual features to achieve particular purposes
- evaluate individual and group physical responses and interpersonal strategies to improve outcomes in sport and recreation activities
- evaluate the effects of sport and recreation on individuals and communities
- evaluate strategies that seek to enhance health, wellbeing, and participation in sport and recreation activities and provide recommendations
- create communications that convey meaning for particular audiences and purposes.

Structure

The Sport & Recreation course is designed around core and elective topics.

Core topics	Elective topics
 Sport and recreation in the community Sport, recreation and healthy living Health and safety in sport and recreation activities Personal and interpersonal skills in sport and recreation activities 	 Active play and minor games Challenge and adventure activities Games and sports Lifelong physical activities Rhythmic and expressive movement activities Sport and recreation physical activities

Assessment

For Sport & Recreation, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- one project (annotated records of the performance is also required)
- one investigation, extended response or examination.

Project	Investigation	Extended response	Performance	Examination
A response to a single task, situation and/or scenario.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.	A technique that assesses the interpretation, analysis/examination and/or evaluation of ideas and information in provided stimulus materials.	A response involves the application of identified skill/s when responding to a task that involves solving a problem, providing a solution, providing instruction or conveying meaning or intent.	A response that answers a number of provided questions, scenarios and/or problems.
At least two different components from the following: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal: 3–6 minutes • performance: 2–4 minutes.*	Presented in one of the following modes: • written: 600– 1000 words • spoken: 3–4 minutes • multimodal: 4– 7 minutes.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	• 2–4 minutes*	• 60–90 minutes • 50–250 words per item

^{*} Evidence must include annotated records that clearly identify the application of standards to performance.

Biology

General senior subject



Biology provides opportunities for students to engage with living systems.

Students develop their understanding of cells and multicellular organisms. They engage with the concept of maintaining the internal environment. They study biodiversity and the interconnectedness of life. This knowledge is linked with the concepts of heredity and the continuity of life.

Students learn and apply aspects of the knowledge and skills of the discipline (thinking, experimentation, problem-solving and research skills), understand how it works and how it may impact society. They develop their sense of wonder and curiosity about life; respect for all living things and the environment; understanding of biological systems, concepts, theories and models; appreciation of how biological knowledge has developed over time and continues to develop; a sense of how biological knowledge influences society.

Students plan and carry out fieldwork, laboratory and other research investigations; interpret evidence; use sound, evidence-based arguments creatively and analytically when evaluating claims and applying biological knowledge; and communicate biological understanding, findings, arguments and conclusions using appropriate representations, modes and genres.

Pathways

A course of study in Biology can establish a basis for further education and employment in the fields of medicine, forensics, veterinary, food and marine sciences, agriculture, biotechnology, environmental rehabilitation, biosecurity, quarantine, conservation and sustainability.

Objectives

By the conclusion of the course of study, students will:

- describe and explain scientific concepts, theories, models and systems and their limitations
- apply understanding of scientific concepts, theories, models and systems within their limitations
- analyse evidence
- · interpret evidence
- investigate phenomena
- evaluate processes, claims and conclusions
- communicate understandings, findings, arguments and conclusions.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Cells and multicellular organisms Cells as the basis of life Multicellular organisms	Maintaining the internal environment Homeostasis Infectious diseases	Biodiversity and the interconnectedness of life Describing biodiversity Ecosystem dynamics	Heredity and continuity of life DNA, genes and the continuity of life Continuity of life on Earth

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4		
Summative internal assessment 1 (IA1): • Data test	10%	Summative internal assessment 3 (IA3): • Research investigation	20%	
Summative internal assessment 2 (IA2): • Student experiment	20%			
Summative external assessment (EA): 50% • Examination				

Chemistry

General senior subject



Chemistry is the study of materials and their properties and structure.

Students study atomic theory, chemical bonding, and the structure and properties of elements and compounds. They explore intermolecular forces, gases, aqueous solutions, acidity and rates of reaction. They study equilibrium processes and redox reactions. They explore organic chemistry, synthesis and design to examine the characteristic chemical properties and chemical reactions displayed by different classes of organic compounds.

Students develop their appreciation of chemistry and its usefulness; understanding of chemical theories, models and chemical systems; expertise in conducting scientific investigations. They critically evaluate and debate scientific arguments and claims in order to solve problems and generate informed, responsible and ethical conclusions, and communicate chemical understanding and findings through the use of appropriate representations, language and nomenclature.

Students learn and apply aspects of the knowledge and skills of the discipline (thinking, experimentation, problem-solving and research skills), understand how it works and how it may impact society.

Pathways

A course of study in Chemistry can establish a basis for further education and employment in the fields of forensic science, environmental science, engineering, medicine, pharmacy and sports science.

Objectives

By the conclusion of the course of study, students will:

- describe and explain scientific concepts, theories, models and systems and their limitations
- apply understanding of scientific concepts, theories, models and systems within their limitations
- analyse evidence
- interpret evidence
- · investigate phenomena
- evaluate processes, claims and conclusions
- communicate understandings, findings, arguments and conclusions.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Chemical fundamentals — structure, properties and reactions Properties and structure of atoms Properties and structure of materials Chemical reactions — reactants, products and energy change	Molecular interactions and reactions Intermolecular forces and gases Aqueous solutions and acidity Rates of chemical reactions	Equilibrium, acids and redox reactions Chemical equilibrium systems Oxidation and reduction	Structure, synthesis and design Properties and structure of organic materials Chemical synthesis and design

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4		
Summative internal assessment 1 (IA1): • Data test	10%	Summative internal assessment 3 (IA3): • Research investigation	20%	
Summative internal assessment 2 (IA2): • Student experiment	20%			
Summative external assessment (EA): 50% • Examination				

Physics

General senior subject



Physics provides opportunities for students to engage with classical and modern understandings of the universe.

Students learn about the fundamental concepts of thermodynamics, electricity and nuclear processes; and about the concepts and theories that predict and describe the linear motion of objects. Further, they explore how scientists explain some phenomena using an understanding of waves. They engage with the concept of gravitational and electromagnetic fields, and the relevant forces associated with them. They study modern physics theories and models that, despite being counterintuitive, are fundamental to our understanding of many common observable phenomena.

Students develop appreciation of the contribution physics makes to society: understanding that diverse natural phenomena may be explained, analysed and predicted using concepts, models and theories that provide a reliable basis for action; and that natter and energy interact in physical systems across a range of scales. They understand how models and theories are refined, and new ones developed in physics; investigate phenomena and solve problems; collect and analyse data; and interpret evidence. Students use accurate and precise measurement, valid and reliable evidence, and scepticism and intellectual rigour to evaluate claims; and communicate physics understanding, findings, arguments and conclusions using appropriate representations, modes and genres.

Students learn and apply aspects of the knowledge and skills of the discipline (thinking, experimentation, problem-solving and research skills), understand how it works and how it may impact society.

Pathways

A course of study in Physics can establish a basis for further education and employment in the fields of science, engineering, medicine and technology.

Objectives

By the conclusion of the course of study, students will:

- describe and explain scientific concepts, theories, models and systems and their limitations
- apply understanding of scientific concepts, theories, models and systems within their limitations
- analyse evidence
- interpret evidence
- · investigate phenomena
- evaluate processes, claims and conclusions
- communicate understandings, findings, arguments and conclusions.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Thermal, nuclear and electrical physics	Linear motion and waves	Gravity and electromagnetism	Revolutions in modern physics
Heating processesIonising radiation and nuclear reactionsElectrical circuits	Linear motion and force Waves	Gravity and motion Electromagnetism	Special relativityQuantum theoryThe Standard Model

Assessment

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4		
Summative internal assessment 1 (IA1): • Data test	10%	Summative internal assessment 3 (IA3): • Research investigation	20%	
Summative internal assessment 2 (IA2): • Student experiment	20%			
Summative external assessment (EA): 50% • Examination				

Aquatic Practices

Applied senior subject



Aquatic Practices provides opportunities for students to explore, experience and learn practical skills and knowledge valued in aquatic workplaces and other settings.

Students gain insight into the management of aquatic regions and their ecological and environmental systems, helping them to position themselves within a long and sustainable tradition of custodianship.

Students have opportunities to learn in, through and about aquatic workplaces, events and other related activities. Additional learning links to an understanding of the employment, study and recreational opportunities associated with communities who visit, live or work on and around our waterways.

Pathways

A course of study in Aquatic Practices can establish a basis for further education and employment in the fields of recreation, tourism, fishing and aquaculture. The subject also provides a basis for participating in and contributing to community associations, events and activities, such as yacht and sailing club races and competitions and boating shows.

Objectives

By the conclusion of the course of study, students should:

- describe concepts and ideas in aquatic contexts
- explain concepts and ideas in aquatic contexts
- · demonstrate skills in aquatic contexts
- analyse information, situations and relationships in aquatic contexts
- apply knowledge, understanding and skills in aquatic contexts
- use language conventions and features appropriate to aquatic contexts to communicate ideas and information, according to purpose
- generate plans and procedures for activities in aquatic contexts
- evaluate the safety and effectiveness of activities in aquatic contexts
- make recommendations for activities in aquatic contexts.

Structure

The Aquatic Practices course is designed around:

- the four areas of study with the core topics for 'Safety and management practices' embedded in each of the four areas of study
- schools determine whether to include elective topics in a course of study.

Areas of study	Core topics	Elective topics
Environmental	Environmental conditions Ecosystems Conservation and sustainability	Citizen science
Recreational	Entering the aquatic environment	Aquatic activities

Areas of study	Core topics	Elective topics
Commercial	Employment	Aquaculture, aquaponics and aquariumsBoat building and marine engineering
Cultural	Cultural understandings	Historical understandings
Safety and management practices	Legislation, rules and regulations for aquatic environments	_
	Equipment maintenance and operations	
	First aid and safety	
	Management practices	

For Aquatic Practices, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including no more than two assessment instruments from any one technique.

Project	Investigation	Extended response	Examinatio n	Performance
A response to a single task, situation and/or scenario.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.	A technique that assesses the interpretation, analysis/examination of ideas and information in provided stimulus materials.	A response that answers a number of provided questions, scenarios and/or problems.	A technique that assesses physical demonstrations as outcomes of applying a range of cognitive, technical and physical skills.
At least two different components from the following: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal: 3–6 minutes • performance: continuous class time • product: continuous class time.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal: 4–7 minutes.	60–90 minutes 50–250 words per item	performance: continuous class time to develop and practice the performance.

Science in Practice

Applied senior subject



Science in Practice develops critical thinking skills through the evaluation of claims using systematic reasoning and an enhanced scientific understanding of the natural and physical world.

Students learn through a contextual interdisciplinary approach that includes aspects of at least two science disciplines — Biology, Chemistry, Earth and Environmental Science or Physics. They are encouraged to become scientifically literate, that is, to develop a way of thinking and of viewing and interacting with the world that engages the practical and analytical approaches of scientific inquiry.

Students plan investigations, analyse research and evaluate evidence. They engage in practical activities, such as experiments and hands-on investigations. Through investigations they develop problem-solving skills that are transferable to new situations and a deeper understanding of the nature of science.

Pathways

A course of study in Science in Practice is inclusive and caters for a wide range of students with a variety of backgrounds, interests and career aspirations. It can establish a basis for further education and

employment in many fields, e.g. animal welfare, food technology, forensics, health and medicine, the pharmaceutical industry, recreation and tourism, research, and the resources sector.

Objectives

By the conclusion of the course of study students should:

- describe and explain scientific facts, concepts and phenomena in a range of situations
- describe and explain scientific skills, techniques, methods and risks
- analyse data, situations and relationships
- apply scientific knowledge, understanding and skills to generate solutions
- communicate using scientific terminology, diagrams, conventions and symbols
- plan scientific activities and investigations
- evaluate reliability and validity of plans and procedures, and data and information
- draw conclusions, and make decisions and recommendations using scientific evidence.

Structure

The Science in Practice course is designed around core topics and at least three electives.

Core topics	Electives
 Scientific literacy and working scientifically Workplace health and safety Communication and self-management 	 Science for the workplace Resources, energy and sustainability Health and lifestyles Environments Discovery and change

For Science in Practice, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least one investigation based on primary data
- a range of assessment instruments that includes no more than two assessment instruments from any one technique.

Project	Investigation	Collection of work	Extended response	Examination
A response to a single task, situation and/or scenario.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.	A response to a series of tasks relating to a single topic in a module of work.	A technique that assesses the interpretation, analysis/examination and/or evaluation of ideas and information in provided stimulus materials.	A response that answers a number of provided questions, scenarios and/or problems.
At least two different components from the following: • written: 500–900 words • spoken: 2½–3½ minutes • multimodal – non-presentation: 8 A4 pages max (or equivalent) – presentation: 3–6 minutes • performance: continuous class time • product: continuous class time.	Presented in one of the following modes: • written: 600– 1000 words • spoken: 3–4 minutes • multimodal – non-presentation: 10 A4 pages max (or equivalent) – presentation: 4–7 minutes.	At least three different components from the following: • written: 200– 300 words • spoken: 1½ – 2½ minutes • multimodal – non-presentation: 6 A4 pages max (or equivalent) – presentation: 2–3 minutes • performance: continuous class time • test: – 20–30 minutes – 50–250 words per item.	Presented in one of the following modes: written: 600–1000 words spoken: 3–4 minutes multimodal non-presentation: 10 A4 pages max (or equivalent) presentation: 4–7 minutes.	60–90 minutes 50–250 words per item

Dance

General senior subject



Dance fosters creative and expressive communication. It uses the body as an instrument for expression and communication of ideas. It provides opportunities for students to critically examine and reflect on their world through higher order thinking and movement. It encourages the holistic development of a person, providing a way of knowing about oneself, others and the world.

Students study dance in various genres and styles, embracing a variety of cultural, societal and historical viewpoints integrating new technologies in all facets of the subject. Historical, current and emerging dance practices, works and artists are explored in global contexts and Australian contexts, including the dance of Aboriginal peoples and Torres Strait Islander peoples. Students learn about dance as it is now and explore its origins across time and cultures.

Students apply critical thinking and literacy skills to create, demonstrate, express and reflect on meaning made through movement. Exploring dance through the lens of making and responding, students learn to pose and solve problems, and work independently and collaboratively. They develop aesthetic and kinaesthetic intelligence, and personal and social skills.

Pathways

A course of study in Dance can establish a basis for further education and employment in the field of dance, and to broader areas in creative industries and cultural institutions, including arts administration and management, communication, education, public relations, research, and science and technology.

Objectives

By the conclusion of the course of study, students will:

- demonstrate an understanding of dance concepts and skills
- · apply literacy skills
- organise and apply the dance concepts
- analyse and interpret dance concepts and skills
- · apply technical skills
- realise meaning through expressive skills
- create dance to communicate meaning
- evaluate dance, justifying the use of dance concepts and skills.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Moving bodies How does dance communicate meaning for different purposes and in different contexts? Genres: Contemporary at least one other genre Subject matter: meaning, purpose	Moving through environments How does the integration of the environment shape dance to communicate meaning? • Genres: - Contemporary - at least one other genre • Subject matter:	Moving statements How is dance used to communicate viewpoints? • Genres: - Contemporary - at least one other genre • Subject matter: - social, political and cultural influences	Moving my way How does dance communicate meaning for me? • Genres: - fusion of movement styles • Subject matter: - developing a personal movement style - personal

and context - historical and cultural origins of focus genres - physical dance environments including site- specific dance - virtual dance environments	on dance	viewpoints and influences on genre
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Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Performance	20%	Summative internal assessment 3 (IA3): • Project — dance work	35%
Summative internal assessment 2 (IA2): • Choreography	20%		
Summative external assessment (EA): 25% • Examination — extended response			

Drama

General senior subject



Drama fosters creative and expressive communication. It interrogates the human experience by investigating, communicating and embodying stories, experiences, emotions and ideas that reflect the human experience. It engages students in imaginative meaning-making processes and involves them using a range of artistic skills as they make and respond to dramatic works.

Students experience, reflect on, understand, communicate, collaborate and appreciate different perspectives of themselves, others and the world in which they live. They learn about the dramatic languages and how these contribute to the creation, interpretation and critique of dramatic action and meaning for a range of purposes. They study a range of forms, styles and their conventions in a variety of inherited traditions, current practice and emerging trends, including those from different cultures and contexts.

Students learn how to engage with dramatic works as both artists and audience through the use of critical literacies. The study of drama develops students' knowledge, skills and understanding in the making of and responding to dramatic works to help them realise their creative and expressive potential as individuals. Students learn to pose and solve problems, and work independently and collaboratively.

Pathways

A course of study in Drama can establish a basis for further education and employment in the field of drama, and to broader areas in creative industries and cultural institutions, including arts administration and management, communication, education, public relations, research and science and technology.

Objectives

By the conclusion of the course of study, students will:

- demonstrate an understanding of dramatic languages
- · apply literacy skills
- · apply and structure dramatic languages
- analyse how dramatic languages are used to create dramatic action and meaning
- interpret purpose, context and text to communicate dramatic meaning
- manipulate dramatic languages to create dramatic action and meaning
- evaluate and justify the use of dramatic languages to communicate dramatic meaning
- synthesise and argue a position about dramatic action and meaning.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Share How does drama promote shared understandings of the human experience? • cultural inheritances of storytelling	Reflect How is drama shaped to reflect lived experience? Realism, including Magical Realism, Australian Gothic	Challenge How can we use drama to challenge our understanding of humanity? Theatre of Social Comment, including Theatre of the	Transform How can you transform dramatic practice? Contemporary performance

oral history and emerging practicesa range of linear and non-linear forms	associated conventions of styles and texts	Absurd and Epic Theatre associated conventions of styles and texts	 associated conventions of styles and texts inherited texts as stimulus
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Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Performance	20%	Summative internal assessment 3 (IA3): • Project — practice-led project	35%
Summative internal assessment 2 (IA2): • Project — dramatic concept	20%		
Summative external assessment (EA): 25% • Examination — extended response			

Music

General senior subject



Music fosters creative and expressive communication. It allows students to develop musicianship through making (composition and performance) and responding (musicology).

Through composition, performance and musicology, students use and apply music elements and concepts. They apply their knowledge and understanding to convey meaning and/or emotion to an audience.

Students use essential literacy skills to engage in a multimodal world. They demonstrate practical music skills, and analyse and evaluate music in a variety of contexts, styles and genres.

Pathways

A course of study in Music can establish a basis for further education and employment in the fields of arts administration, communication, education, creative

industries, public relations and science and technology.

Objectives

By the conclusion of the course of study, students will:

- demonstrate technical skills
- explain music elements and concepts
- use music elements and concepts
- analyse music
- apply compositional devices
- · apply literacy skills
- · interpret music elements and concepts
- evaluate music to justify the use of music elements and concepts
- realise music ideas
- resolve music ideas.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
learning, the following is explored: How does the treatment and combination of different music elements enable musicians to design music that communicates meaning through performance and composition?	Identities Through inquiry learning, the following is explored: How do musicians use their understanding of music elements, concepts and practices to communicate cultural, political, social and personal identities when performing, composing and responding to music?	Innovations Through inquiry learning, the following is explored: How do musicians incorporate innovative music practices to communicate meaning when performing and composing?	Narratives Through inquiry learning, the following is explored: How do musicians manipulate music elements to communicate narrative when performing, composing and responding to music?

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Performance	20%	Summative internal assessment 3 (IA3): • Integrated project	35%
Summative internal assessment 2 (IA2): • Composition	20%		
Summative external assessment (EA): 25% • Examination			

Visual Art

General senior subject



Visual Art provides students with opportunities to understand and appreciate the role of visual art in past and present traditions and cultures, as well as the contributions of contemporary visual artists and their aesthetic, historical and cultural influences. Students interact with artists, artworks, institutions and communities to enrich their experiences and understandings of their own and others' art practices.

Students have opportunities to construct knowledge and communicate personal interpretations by working as both artist and audience. They use their imagination and creativity to innovatively solve problems and experiment with visual language and expression.

Through an inquiry learning model, students develop critical and creative thinking skills. They create individualised responses and meaning by applying diverse materials, techniques, technologies and art processes.

In responding to artworks, students employ essential literacy skills to investigate artistic expression and critically analyse artworks in diverse contexts. They consider meaning, purposes and theoretical approaches when ascribing aesthetic value and challenging ideas.

Pathways

A course of study in Visual Art can establish a basis for further education and

employment in the fields of arts practice, design, craft, and information technologies; broader areas in creative industries and cultural institutions; and diverse fields that use skills inherent in the subject, including advertising, arts administration and management, communication, design, education, galleries and museums, film and television, public relations, and science and technology.

Objectives

By the conclusion of the course of study, students will:

- implement ideas and representations
- · apply literacy skills
- analyse and interpret visual language, expression and meaning in artworks and practices
- evaluate art practices, traditions, cultures and theories
- justify viewpoints
- · experiment in response to stimulus
- create meaning through the knowledge and understanding of materials, techniques, technologies and art processes
- realise responses to communicate meaning.

Structure

Unit 1	Unit 2	Unit 3	Unit 4
Art as lens Through inquiry learning, the following are explored:	Art as code Through inquiry learning, the following are explored:	Art as knowledge Through inquiry learning, the following are explored:	Art as alternate Through inquiry learning, the following are explored: Concept: evolving alternate

- Concept: lenses to explore the material world
- Contexts: personal and contemporary
- Focus: People, place, objects
- Media: 2D, 3D, and time-based
- Concept: art as a coded visual language
- Contexts: formal and cultural
- Focus: Codes, symbols, signs and art conventions
- Media: 2D, 3D, and time-based
- Concept: constructing knowledge as artist and audience
- Contexts: contemporary, personal, cultural and/or formal
- Focus: studentdirected
- Media: studentdirected

- representations and meaning
- Contexts: contemporary and personal, cultural and/or formal
- Focus: continued exploration of Unit 3 student-directed focus
- Media: studentdirected

Schools devise assessments in Units 1 and 2 to suit their local context.

In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students will also receive an overall subject result (A–E).

Unit 3		Unit 4	
Summative internal assessment 1 (IA1): • Investigation — inquiry phase 1	15%	Summative internal assessment 3 (IA3): • Project — inquiry phase 3	35%
Summative internal assessment 2 (IA2): • Project — inquiry phase 2	25%		
Summative external assessment (EA): 25% • Examination			

Dance in Practice

Applied senior subject



Dance in Practice focuses on experiencing and understanding the role of dance in and across communities and, where possible, interacting with practising performers, choreographers and designers.

Students create, perform and produce dance works in class, school and community contexts, and use their senses as a means of understanding and responding to their own and others' dance works. This fosters creativity, helps students develop problemsolving skills, and heightens their imaginative, emotional, aesthetic, analytical and reflective experiences.

Students explore and apply techniques, processes and technologies individually and in groups to express dance ideas that serve particular purposes. Students explore safe dance practices for themselves and groups. They gain practical and technical skills, employ terminology specific to dance, investigate ways to solve problems, and make choices to communicate through dance and about dance.

Pathways

A course of study in Dance in Practice can establish a basis for further education and employment in dance education,

dance teaching, choreography, performance and event production.

Objectives

By the conclusion of the course of study, students should:

- recall terminology, concepts and ideas associated with dance
- interpret and demonstrate the technical and expressive skills required for dance genres
- · explain dance and dance works
- apply dance concepts and ideas through performance and production of dance works
- analyse dance concepts and ideas for particular purposes, genres, styles and contexts
- use language conventions and features to achieve particular purposes
- generate, plan and modify creative processes to produce dance works
- create communications and make decisions to convey meaning to audiences
- · evaluate dance works.

Structure

The Dance in Practice course is designed around core and elective topics. Students explore at least two dance genres across Units 1 and 2 and again in Units 3 and 4, and three genres across the four units.

Core	Electives
Dance performanceDance productionDance literacies	ContemporaryJazzPopular danceWorld dance

For Dance in Practice, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least one project, arising from community connections
- at least one performance, separate to an assessable component of a project.

Project	Performance	Product	Extended response	Investigation
A response to a single task, situation and/or scenario.	A technique that assesses the physical demonstration of identified skills.	A technique that assesses the production of a design solution and folio or choreographic work.	A technique that assesses the interpretation, analysis/examination of ideas and information in provided stimulus materials.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.
The Project in Dance in Practice requires: • a dance performance: 1½ – 2 minutes • at least one other component from the following - written: 500– 900 words - spoken: 2½- 3½ minutes - multimodal • non- presentation : 8 A4 pages max (or equivalent) • presentation : 3–6 minutes • product: variable conditions.	Dance performance: 2–3 minutes Production performance: variable conditions Teaching performance: variable conditions	Design solution and folio:variable conditions Choreographic work: 2–3 minutes	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal - non-presentation: 10 A4 pages max (or equivalent) - presentation: 4–7 minutes.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal - non-presentation: 10 A4 pages max (or equivalent) - presentation: 4–7 minutes.

Drama in Practice

Applied senior subject



Drama in Practice gives students opportunities to plan, create, adapt, produce, perform, appreciate and evaluate a range of dramatic works or events in a variety of settings.

Students participate in learning activities that apply knowledge and develop creative and technical skills in communicating meaning to an audience.

Students learn essential workplace health and safety procedures relevant to the drama and theatre industry, as well as effective work practices and industry skills needed by a drama practitioner.

Pathways

A course of study in Drama in Practice can establish a basis for further education and employment in the drama and theatre industry in areas such as performance, theatre management and promotions.

Objectives

By the conclusion of the course of study, students should:

- identify and explain dramatic principles and practices
- interpret and explain dramatic works and dramatic meanings
- demonstrate dramatic principles and practices
- apply dramatic principles and practices when engaging in drama activities and/or with dramatic works
- analyse the use of dramatic principles and practices to communicate meaning for a purpose
- use language conventions and features and terminology to communicate ideas and information about drama, according to purposes
- plan and modify dramatic works using dramatic principles and practices to achieve purposes
- create dramatic works that convey meaning to audiences
- evaluate the application of dramatic principles and practices to drama activities or dramatic works.

Structure

The Drama in Practice course is designed around core and elective topics.

Core	Electives	
Dramatic principles Dramatic practices	 Acting (stage and screen) Career pathways (including arts entrepreneurship) Community theatre Contemporary theatre Directing Playbuilding 	 Scriptwriting Technical design and production The theatre industry Theatre through the ages World theatre

For Drama in Practice, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least one project, arising from community connections
- at least one performance (acting), separate to an assessable component of a project.

Project	Performance	Product	Extended response	Investigation
A response to a single task, situation and/or scenario.	A technique that assesses the physical demonstration of identified skills.	A technique that assesses the production of a design solution.	A technique that assesses the interpretation, analysis/examination of ideas and information in provided stimulus materials.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.
At least two different components from the following: • written: 500– 900 words • spoken: 2½–3½ minutes • multimodal – non-presentation: 8 A4 pages max (or equivalent) - presentation: 3–6 minutes • performance onstage (stage acting) - 2–4 minutes: individual - 1½–3 minutes: group • performance onstage (screen acting) - 2–3 minutes: individual - 1½–2½ minutes: individual - 1½–2½ minutes: group • performance offstage (directing, designing) - 4–6 minutes: individual	acting performance (stage) - 3–5 minutes: individual - 2–4 minutes: group acting performance (screen) - 2½–3½ minutes: individual - 2–3 minutes: group directing performance - 5–7 minutes: individual (excluding actors delivering text)	• variable conditions	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal - non- presentation: 10 A4 pages max (or equivalent) - presentation: 4–7 minutes.	Presented in one of the following modes: • written: 600– 1000 words • spoken: 3–4 minutes • multimodal – non- presentation: 10 A4 pages max (or equivalent) - presentation: 4–7 minutes.

(excluding actors delivering text)		
 workshop performance (other): variable conditions 		
 product: variable conditions. 		

Music in Practice

Applied senior subject



Music in Practice gives students opportunities to engage with music and music productions, and, where possible, interact with practising artists.

Students are exposed to authentic music practices in which they learn to view the world from different perspectives, and experiment with different ways of sharing ideas and feelings. They gain confidence and self-esteem, and contribute to the social and cultural lives of their school and local community. They gain practical, technical and listening skills to communicate in and through their music.

Students explore and engage with the core of music principles and practices as they create, perform, produce and respond to their own and others' music works in class, school and community settings. They learn about workplace health and safety (WHS) issues relevant to the music industry and effective work practices that lead to the acquisition of industry skills needed by a practising musician.

Pathways

A course of study in Music in Practice can establish a basis for further education and employment in areas such as performance, critical listening, music management and music promotions.

Objectives

By the conclusion of the course of study, students should:

- identify and explain music principles and practices
- interpret music principles and practices
- demonstrate music principles and practices
- apply technical and expressive skills to performance and production of music works
- analyse the use of music principles and practices in their own and others' music works
- use language conventions and features to communicate ideas and information about music, according to context and purpose
- plan and modify music works using music principles and practices to achieve purposes
- create music works to communicate music ideas to audiences
- evaluate the application of music principles and practices to music works and music activities.

Structure

The Music in Practice course is designed around core and elective topics.

Core	Electives	
Music principlesMusic practices	 Community music Contemporary music Live production and performance Music for film, TV and video games 	Performance craftPractical music skillsSongwriting

For Music in Practice, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least two projects, with at least one project arising from community connections
- at least one performance, separate to an assessable component of a project
- at least one product (composition), separate to an assessable component of a project.

Project	Performance	Product (Composition)	Extended response	Investigation
A response to a single task, situation and/or scenario.	A technique that assesses the physical demonstration of identified skills.	A technique that assesses the application of skills to create music.	A technique that assesses the interpretation, analysis/examination and/or evaluation of ideas and information in provided stimulus materials.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.
At least two different components from the following: • written: 500– 900 words • spoken: 2½– 3½ minutes • multimodal – non-presentation: 8 A4 pages max (or equivalent) – presentation: 3–6 minutes • performance: variable conditions • product: variable conditions.	music performance: minimum of two minutes total performance time production performance: variable conditions	manipulating existing sounds: minimum of two minutes arranging and creating: minimum of 32 bars or 60 seconds	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal - non-presentation: 10 A4 pages max (or equivalent) - presentation: 4–7 minutes.	Presented in one of the following modes: • written: 600– 1000 words • spoken: 3–4 minutes • multimodal - non- presentation: 10 A4 pages max (or equivalent) - presentation: 4–7 minutes.

Visual Arts in Practice

Applied senior subject



Visual Arts in Practice focuses on students engaging in art-making processes and making virtual or physical visual artworks. Visual artworks are created for a purpose and in response to individual, group or community needs.

Students explore and apply the materials, technologies and techniques used in art-making. They use information about design elements and principles to influence their own aesthetic and guide how they view others' works. They also investigate information about artists, art movements and theories, and use the lens of a context to examine influences on art-making.

Students reflect on both their own and others' art-making processes. They integrate skills to create artworks and evaluate aesthetic choices. Students decide on the best way to convey meaning through communications and artworks. They learn and apply safe visual art practices.

Pathways

A course of study in Visual Arts in Practice can establish a basis for further education and employment in a range of fields, including design, styling, decorating, illustrating, drafting, visual merchandising, make-up artistry, advertising, game design, photography, animation or ceramics.

Objectives

By the conclusion of the course of study, students should:

- recall terminology and explain art-making processes
- interpret information about concepts and ideas for a purpose
- demonstrate art-making processes required for visual artworks
- apply art-making processes, concepts and ideas
- analyse visual art-making processes for particular purposes
- use language conventions and features to achieve particular purposes
- generate plans and ideas and make decisions
- create communications that convey meaning to audiences
- evaluate art-making processes, concepts and ideas.

Structure

The Visual Arts in Practice course is designed around core and elective topics.

Core	Electives
 Visual mediums, technologies, techniques Visual literacies and contexts Artwork realisation 	2D3DDigital and 4DDesignCraft

For Visual Arts in Practice, assessment from Units 3 and 4 is used to determine the student's exit result, and consists of four instruments, including:

- at least two projects, with at least one project arising from community connections
- at least one product (composition), separate to an assessable component of a project.

Project	Product	Extended response	Investigation
A response to a single task, situation and/or scenario.	A technique that assesses the application of idenified skills to the production of artworks.	A technique that assesses the interpretation, analysis/examination and/or evaluation of ideas and information in provided stimulus materials.	A response that includes locating and using information beyond students' own knowledge and the data they have been given.
A project consists of: a product component: variable conditions at least one different component from the following written: 500–900 words spoken: 2½–3½ minutes multimodal non-presentation: 8 A4 pages max (or equivalent) presentation: 3–6 minutes.	variable conditions	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal - non-presentation: 10 A4 pages max (or equivalent) - presentation: 4–7 minutes.	Presented in one of the following modes: • written: 600–1000 words • spoken: 3–4 minutes • multimodal - non-presentation: 10 A4 pages max (or equivalent) - presentation: 4–7 minutes.

VOCATIONAL EDUCATION AND TRAINING

BSB20115 Certificate II in Business

RTO Number: 30444 QCE Credit – 4 Points



Prerequisites: Nil

Estimated duration: 2 years (students may complete earlier) **Mode of delivery:** by qualified trainers and assessors at school

Training/assessment locations: Toolooa SHS

Course requirements: Students must obtain a Unique Student Identifier (USI) in order to be issued with a Statement of Attainment and/or Certificate. Further information about obtaining a USI will be provided to students at the commencement of the course.



Materials or equipment required: subject book and writing equipment

Incompatible Subjects: Nil

Fees: nil cost

Cooling-off period: Students may choose to transfer out of this course by Week 3 of Term 1 if they feel

the course is not suitable for them.

Recognition of Prior Learning is available for suitable applicants.

Course Overview

Units of competency

Code	Competency name
BSBWHS201	Contribute to health and safety of self and others
BSBWOR202	Organise and complete daily work activities
BSBCMM201	Communicate in the workplace
BSBWOR203	Work effectively with others
BSBWOR204	Use business technology
BSBITU112	Develop keyboard skills
BSBITU211	Produce digital text documents
BSBITU212	Create and use spreadsheets
BSBSUS201	Participate in environmentally sustainable work practices
BSBIND201	Work effectively in a business environment
BSBITU213	Use digital technologies to communicate remotely
BSBADM101	Use business equipment and resources

Pathways

This will give the students a recognised Certificate II in Business when all competencies are complete. This will help them if they wish to enter a Business Traineeship or do administration work in a business.

Things to consider before choosing this subject.

- ⇒ Are you willing to be a self-paced learner?
- ⇒ It is a subject in which it is easy to experience success if you are prepared to learn.

FSK20119 Certificate II in Skills for Work and Vocational Pathways

RTO Number: 30444

QCE Credit - 4 Points



Prerequisites: Nil

Estimated duration: 2 years (students may complete earlier) **Mode of delivery:** by qualified trainers and assessors at school

Training/assessment locations: Toolooa SHS

Course requirements: Students must obtain a Unique Student Identifier (USI) in order to be issued with a Statement of Attainment and/or Certificate. Further information about obtaining a USI will be provided to students at the

commencement of the course.

Materials or equipment required: subject book and writing equipment

Incompatible Subjects: Nil

Fees: nil cost

Cooling-off period: Students may choose to transfer out of this course by Week 3 of Term 1 if

they feel the course is not suitable for them.

Recognition of Prior Learning is available for suitable applicants.

Course Overview

Course outline & Assessment

The intended purpose of this pre-vocational course is to maximise young people's employability potential. This course is designed to equip young people with knowledge, skills competencies that enable them to meet the demands of the workplace as proficient workers. There is also the support for students to plan and manage their own skills development and employment options.

Those students who exit this course at any time prior to completion will receive a statement of attainment for those units of competency they have successfully achieved. Students' who successfully complete all the required units of competency will receive the qualification: Certificate II in Skills for Work and Vocational Pathways.

Units of competency

National Code	Title
FSKLRG011	Use routine strategies for work-related learning
FSKNUM014	Calculate with whole numbers and familiar fractions, decimals and
	percentages for work
FSKNUM015	Estimate, measure and calculate routine metric measurements for work
FSKLRG009	Use strategies to respond to routine workplace problems
FSKLRG010	Use routine strategies for career planning
FSKOCM006	Use oral communication skills to participate in workplace teams
FSKOCM007	Interact effectively with others at work

FSKWTG009	Write routine workplace texts
FSKRDG010	Read and respond to routine workplace information
FSKLRG006	Participate in work placement
FSKLRG007	Use strategies to identify job opportunities
BSBWHS201	Contribute to health and safety of self and others
SIRXIND001	Work effectively in a service environment
SIRXIND003 -	Organise personal work requirements

Pathways

This course develops generic employability skills and knowledge and provides a pathway to a wide range of employment and training outcomes.

What you need to consider before choosing this subject

- ⇒ It is essential that you are able to read and write proficiently. You must have good spelling and communication skills and be able to use a computer.
- ⇒ There is an option to complete work placement (40 hours) to contribute to achieving the certificate. The cost for work experience is \$40 per placement (this fee was correct as of 20/5/20).
- ⇒ Students will be assessed in a variety of ways including observation, direct questioning, oral presentation, folio and teamwork.

SIR20216 Certificate II in Retail Services

RTO Number: 30444

QCE Credit - 4 Points



Prerequisites: Nil

Estimated duration: 2 years (students may complete earlier) **Mode of delivery:** by qualified trainers and assessors at school

Training/assessment locations: Toolooa SHS

Course requirements: Students must obtain a Unique Student Identifier (USI) in order to be issued with a Statement of Attainment and/or Certificate. Further information about obtaining a USI will be provided to students at the commencement of the course.

Materials or equipment required: subject book and writing equipment

Incompatible Subjects: Nil

Fees: nil cost

Cooling-off period: Students may choose to transfer out of this course by Week 3 of Term 1 if

they feel the course is not suitable for them.

Recognition of Prior Learning is available for suitable applicants.

Course Overview

Units of competency

Code	Competency Name
SIRXCEG001	Engage the customer
SIRXCOM001	Communicate in the workplace to support team and customer outcomes
SIRXIND001	Organise personal work requirements
SIRXIND001	Work effectively in a service environment
SIRXPDK001	Advise on products and services
SIRXRSK001	Identify and respond to security risk
SIRXWHS002	Contribute to workplace health and safety
BSBWOR204	Use business technology
SIRXIND004	Plan a career in the retail industry
SIRXIND002	Organise and maintain the store environment
FSKLRG09	Use strategies to respond to routine workplace problems
SIRXSLS002	Follow point-of-sale procedures

Pathways: This course develops a range of employability skills and knowledge and provides a pathway to a wide range of employment and training outcomes. Individuals with this qualification are able to perform roles such as:

- provide product and service advice in a retail store,
- · sell products and services in a variety of retail settings,
- work as a checkout operator,
- check stock and replenish shelves and organise and maintain work areas and displays, and
- plan for, and recognise the potential of, a career in the retail industry.

Things to consider before choosing this subject.

- ⇒ Are you willing to participate in structured work placement?
- ⇒ It is a subject that in which it is easy to experience success if you are prepared to learn.

Complementary Programs





School-based Apprenticeships and Traineeships (SAT)

What are Australian School-based Apprenticeships and Traineeships?

Australian School-based Apprenticeships and traineeships allow students, generally in Years 11 and 12 to:

- Work as paid employees;
- · Progress towards completing a nationally recognised qualification; and
- Complete a Senior Statement.

To qualify you must:

- Still be attending school;
- Be employed for a minimum of 48 days every 12 months; and
- Undertake some part of your qualification (i.e. either training or work) during normal school hours.

As an Australian School-based Apprentice or Trainee you:

- can still obtain a Senior Statement/ QCE and achieve an Overall Position (OP) score.
- will normally work one set day per week, with the option of working after school hours, on weekends and during school holidays.

How long does an Australian School-based Apprenticeship or Traineeship take?

Australian School-based Apprenticeships and traineeships normally take <u>twice</u> as long to complete as full-time Australian Apprenticeships and traineeships. **Full-time traineeships** normally have a nominal duration of between 12 and 24 months and include qualifications ranging from Certificate Level II to Certificate Level IV. **Full-time apprenticeships** traditionally take 36 months to 48 months to complete and include qualification levels from Certificate Level III to Certificate Level V.

Many School-based Apprentices work towards completing the 'first year' of their Apprenticeship over Years 11 and 12, while some School-based trainees may be able to complete their traineeship over this same period.

What is the difference between an Australian School-based Apprenticeship and Traineeship?

School-based Apprenticeships traditionally focus on trade-based industries, such as electrical, building and construction, cooking, automotive, hairdressing and engineering.

School-based Traineeships generally cover all other industries that do not require a trade certificate such as business, retail, hospitality, IT, tourism and many more.

How can I find an Australian School-Based Apprenticeship or Traineeship?

Before you start looking for an employer, you will need to first prepare a resume and covering letter that markets your skills and experience.

To find a suitable Australian School-based Apprenticeship or traineeship position we recommend that you:

- **Speak to your current employer.** If you are currently employed on a casual or part-time basis or have recently undertaken work experience, your employer may be willing to employ you in an Australian School-based Apprenticeship or Traineeship.
- Speak to your Head of Senior Schooling or Guidance Officer. They may be aware of suitable employment opportunities.
- Look on your school notice board. Local AAC's notify schools of current vacancies that you might like to apply for.
- Contact a Group Training Organisation (GTO). GTO will employ you directly and then
 place you with host employers to complete your qualification. GTO will provide you with
 the necessary support, assistance and mentoring to complete your qualification.
- Approach employers directly. Hand out or post your resume and covering letter directly
 to employers that you would like to work for. To increase your success rate, contact the
 employer with a follow up call.
- **Friends or family.** Your friends or family may be aware of employers who may be interested in taking you on. So get the word out!

Need more information?

Visit: https://www.qld.gov.au/education/apprenticeships/schoolbased



EQIP – Work Experience



Department: Senior Schooling

Head of Department: Natalie Jounguay-Aburn / Darren Boase

What is work experience?

Work experience is a vital part of a secondary school student's development as it helps to prepare them for entry into the workforce and identify a future career. Work experience provides opportunities for students to learn more about potential occupations, explore career pathways and gain skills and experience in different sectors. By applying the theoretical learnings of the classroom into practical applications in the workplace, students can forge a strong link between school and the local community.

Where can I do work experience?

Students can elect to do work experience in almost any occupation or industry (some workplace legislation does restrict work experience in fields such as explosives, underwater diving). The student gains first-hand information about what it means to work, as well as about the work processes of the organisation and the work environment. Under legislation, students can participate in a maximum of 30 days of work experience each year. Students cannot be paid by the employer for attending work experience.

When can I do work experience?

Work experience is normally conducted over a 5-day block in a designated week each term, or in a 5-day block during school holiday periods. Any student over the age of 14 years may negotiate with the Head of Senior Schooling to attend work experience at one of these times. In some cases, students may make application to the Head of Senior Schooling to participate in work experience for one day per week. If this is granted, students may 'drop' one subject and are expected to use this time to catch up on class work missed due to work experience. However, students need to be aware that work experience does not contribute any credit towards the QCE. Any decision about one-day a week work experience will be made in consultation with the student's SET Plan and with consideration to their QCE and ATAR eligibility.

How do I apply to do work experience?

Application forms may be collected from the Resource Centre or are available for download via the school website: Work Experience Online Application Pack.

All work experience placements are completed by EQIP Gladstone. The form must be filled out correctly and any required information (such as industry white card numbers) must be written on the form. The student must pay their \$40 (correct as of 20/05/20 but may be subject to change) placement fee to the cashier and return the application form to the Head of Senior Schooling to initiate the placement and contract with EQIP. Students will be provided with a pack of information about their placement and 3 copies of the work experience contract. The student is responsible for getting the contracts signed by the employer, their parent/guardian and the Head of Senior Schooling (as delegate of the Principal).

Fast Facts:

- ✓ Available to Years 9 (over 14 years of age), 10, 11, and 12 students
- ✓ Work experience is typically 1 day up to 1 week; however, can be longer blocks of time
- ✓ Work experience is unpaid
- ✓ Students are covered under DETE WorkCover and Liability Insurances

Who to see for more information:

Head of Senior Schooling:

Natalie Jounquay-Aburn/

Darren Boase Phone: 4971 4357

Email: njoun2@eq.edu.au;

dboas1@eq.edu.au

Senior Schooling Teacher Aide:

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Mulhern

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