



St Joseph's College

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VCE and VCE Vocational Major Handbook

2023

Principal's Introduction

To the Senior School Students of St Joseph's College,

There are various times in our lives when we have the opportunity to stop and reflect on our direction and pathways. Preparing to enter the post-compulsory years of education is a time to think about your talents, interests and abilities across a wide range of areas.

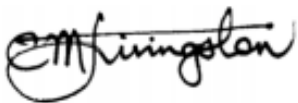
It is important to move towards understanding the type of future you imagine for yourselves. Keep your options open as what you think you may want to do today may be very different from what you want to do in the future. The world of work is rapidly changing, and the sorts of skills you will need in ten or twenty years' time may be somewhat different from today.

Whatever you decide to do, always remember that the quality of your relationships is central to a meaningful life – be true to yourself, work hard, pursue your dreams with courage and be kind to each other.

I encourage you to take every opportunity to seek advice and guidance from your teachers and the staff who have special responsibilities to assist you with your program and subject choices. Mrs Egan, Head of Pathways, is available to you for careers counselling so please take this up.

If I can assist you in any way, please don't hesitate to contact me.

"May your choices reflect your hopes not your fears." Nelson Mandela

A handwritten signature in black ink, reading "Cathy Livingston". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Cathy Livingston
Principal



Victorian Certificate of Education (VCE)

The VCE is a two-year certificate for Years 11 and 12 made up of semester-length units of study.

There are many studies available from which to select a program in the VCE. In addition to these studies, students may choose to include Vocational Education and Training (VET) programs or University Enhancement Studies in their completion of the VCE.

Each VCE Study is made up of four units of work; students may begin most studies at Unit 1, 2 or 3.

Units are at two levels:

- Units 1 and 2, which are the equivalent of Year 11. Students may choose to study one or preferably both units of a study at this level.
- Units 3 and 4, which are the equivalent of Year 12. Students must study both units of a study as a sequence at this level.

Note: Admission to the VCE is dependent on the successful completion of Year 10 in accordance with the College's Promotion Policy.

Satisfactory Completion of the VCE

Over the two VCE years, most students will complete a total of twenty-three units from a range of different VCE studies, including a VCE VET study or University Enhancement study.

Some of these units will be compulsory but most will be selected in accordance with the student's interests, abilities and career requirements.

Each student must undertake four units from the English Group. At least three of these units (including a satisfactory Unit 3 and 4 sequence) must be satisfactorily completed in order to qualify for the VCE.

The individual student, in consultation with staff and parents, will decide upon the remaining units. Students should select a program that includes units that meet the above requirements, as well as other units that are appropriate to students' interests, abilities and aspirations for tertiary study, training and employment.

Year 11 students will select six Unit 1 and 2 sequences (including English or English Language) which may lead directly to the corresponding Unit 3 and 4 sequences, as well as a single unit of Religious Education which will be taught across both semesters.



VCE Vocational Major

The VCE Vocational Major (VM) is a vocational and applied learning program within the VCE designed to be completed over a minimum of two years. The VCE VM will give students greater choice and flexibility to pursue their strengths and interests and develop the skills and capabilities needed to succeed in further education, work and life.

The VCE VM prepares students to move into apprenticeships, traineeships, further education and training, university (via non-ATAR pathways) or directly into the workforce.

The purpose of the VCE VM is to provide students with the best opportunity to achieve their personal goals and aspirations in a rapidly changing world by:

- equipping them with the skills, knowledge, values and capabilities to be active and informed citizens, lifelong learners and confident and creative individuals; and
- empowering them to make informed decisions about the next stages of their lives through real life workplace experiences.

To be eligible to receive the VCE VM, students must satisfactorily complete a minimum of 16 units (across Year 11 and 12), including a minimum of:

- 3 VCE VM Literacy or VCE English units (including a Unit 3–4 sequence)
- 2 VCE VM Numeracy or VCE Mathematics units (most students will complete 4 units)
- 2 VCE VM Work Related Skills units (most students will complete 4 units)
- 2 VCE VM Personal Development Skills units, and
- 2 VET credits at Certificate II level or above (180 nominal hours)

Students must also complete a minimum of three other Unit 3–4 sequences as part of their program.

In addition, VCE VM students participate in the College's Religious Education and Faith Development program.

Any students applying for VCE VM will be required to participate in an interview as part of their VCE VM application.

Note: Admission to the VCE VM is dependent on the successful completion of Year 10 in accordance with the College's Promotion Policy.



Vocational Education and Training (VET)

Vocational Education and Training (VET) combines VCE or VCE Vocational Major (VCE VM) studies with vocational training and experience in the workplace.

Students interested in a vocational VCE where they undertake training in a specific vocational area such as agriculture, business, hospitality or multimedia may find a VCE VET course an appropriate inclusion in their VCE program. The VET program is a nationally recognised training qualification and can be integrated into a VCE course.

A VCE VET program can provide students with:

- an opportunity to learn in the workplace.
- credit in the VCE Units 1 to 4.
- enhanced employment opportunities.
- a VET qualification recognised throughout Australia.
- completion of Units 1 to 4 will accredit the student with a Certificate II qualification.

Some VCE VET programs also include a Study Score component. In these programs students will sit end of year VCAA Examinations and receive a Study Score as they do for their other VCE studies.

While a VET enrolment is optional for those taking on the VCE, VCE VM students must have two VET enrolments as part of their program in order to satisfy qualification for the VCE VM. One of these two VET studies includes VET Certificate II Business, a compulsory study undertaken by all VCE VM students within the scheduled curriculum offered by the school. The other VET study is selected by the student based on their pathway choice.

At St Joseph's College students are able to undertake a number of different VCE VET units at the College, schools in the area or TAFE Institutions. These VCE VET units may range from a half-day to a whole day a week for a duration of two years.

As these courses occur outside the general curriculum offered at St Joseph's College, additional costs are involved for students wishing to undertake these programs.

Admission into the VCE VET program is by application, and students wishing to undertake a VCE VET unit should see Mrs Vivienne Egan, Head of Pathways for further details and enrolment information.

Choosing a VCE course of study



The *VCE and VCE Vocational Major (VCE VM) Course Selection Handbook 2023* provides comprehensive information on each of the VCE Units offered by the College. In selecting the required twenty-three Units of Study the students intend to undertake over the two years of their VCE, students should consider each of the following:

- the information contained in the handbook.
- chosen career paths.
- their own achievement standard and interest in a particular subject area.
- the required prerequisites for tertiary studies.

In selecting a VCE program, students should be aware of the compulsory studies in VCE: English Units 1 to 4 and Religious Education – these should be selected by each student. In Year 12, students are able to choose between fully credited VCE Religious Education Units or school-based Religious Education.

The Pathways Centre is a valuable resource when deciding on a course of study. The Head of Pathways is able to assist with determining the prerequisite requirements of tertiary courses, which should be seriously considered when selecting the VCE course of study best suitable to the student. Any relevant tertiary prerequisites should be included in the student's VCE program, as long as they are within the scope of the student's demonstrated achievement standards, and it is advisable that these are the first units chosen.

Students should consider the sample VCE programs in the following section of the Handbook when completing their VCE program as they may provide suggestions of possible programs and how they relate to certain career paths. Blank planning charts are provided for in the Appendix of this handbook to assist with constructing a VCE program.

Once again, when designing a VCE program, students should keep in mind their academic strengths and interests, their intended career paths and how subjects relate to those and the advice of others, including industry representatives, College staff and their parents.

Andrew Cooper
Deputy Principal (Learning)

Sample VCE programs

When selecting a VCE program students should consider:

- interests and likes
- skills and abilities
- possible career paths
- prerequisites for Unit 3/4 sequences and tertiary courses
- academic results in related subjects
- undertaking an Accelerated Study from Year 10

The following sample programs are a guide only to the subjects required for each of the careers (including some examples of Accelerated Studies):

Architecture and Industrial Design based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Mathematical Methods 1 and 2	Mathematical Methods 3 and 4
Physics 1 and 2	Physics 3 and 4
Visual Communication Design 1 and 2	Visual Communication Design 3 and 4
Art Creative Practice 1 and 2	Art Creative Practice 3 and 4
Product Design and Tech. 3 and 4	

Art and Design based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
Visual Communication Design 1 and 2	Visual Communication Design 3 and 4
Art Creative Practice 1 and 2	Art Creative Practice 3 and 4
Modern History 1 and 2	History: Revolutions 3 and 4
Media 3 and 4	

Biological or Biomedical Science based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Mathematical Methods 1 and 2	Mathematical Methods 3 and 4
Biology 1 and 2	Biology 3 and 4
Chemistry 1 and 2	Chemistry 3 and 4
Physics 1 and 2	Physics 3 and 4
Geography 3 and 4	

Building Design and Technology based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
Visual Communication Design 1 and 2	Visual Communication Design 3 and 4
Product Design and Tech. 1 and 2	Product Design and Tech. 3 and 4
Systems Engineering 1 and 2	Systems Engineering 3 and 4
Geography 1 and 2	

(Consideration should also be given to undertaking VET Building and Construction)

Commerce based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Mathematical Methods 1 and 2	Mathematical Methods 3 and 4
Economics 1 and 2	Economics 3 and 4
Accounting 1 and 2	Accounting 3 and 4
Business Management 1 and 2	Business Management 3 and 4
VCE VET ICT 1 and 2 Certificate III	

(Mathematical Methods is often the preferred Mathematics study but tertiary options exist for students completing General/Further sequence of Mathematics)

Communication, Journalism and Professional Writing based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
Modern History 1 and 2	History: Revolutions 3 and 4
English Language 1 and 2	English Language 3 and 4
Media 1 and 2	Media 3 and 4
Legal Studies 1 and 2	

Engineering based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Mathematical Methods 1 and 2	Mathematical Methods 3 and 4
Specialist Mathematics 1 and 2	Specialist Mathematics 3 and 4
Physics 1 and 2	Physics 3 and 4
Chemistry 1 and 2	Chemistry 3 and 4
Systems Engineering 1 and 2	

(Specialist Mathematics preferred but not a prerequisite for ALL engineering courses)

Health Sciences based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Mathematical Methods 1 and 2	Mathematical Methods 3 and 4
Biology 1 and 2	Biology 3 and 4
Chemistry 1 and 2	Chemistry 3 and 4
Physical Education 1 and 2	Physical Education 3 and 4
Health and Human Dev. 3 and 4	

(Many tertiary options for Health-related courses that don't require Chemistry or Methods)

Hospitality based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
Food Studies 1 and 2	Food Studies 3 and 4
Health and Human Dev. 1 and 2	Health and Human Dev. 3 and 4
Business Management 1 and 2	Business Management 3 and 4
Biology 1 and 2	

(Consideration should also be given to undertaking VET Hospitality)

Humanities based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
Legal Studies 1 and 2	Legal Studies 3 and 4
Geography 1 and 2	Geography 3 and 4
VCE VET Applied Languages – Japanese Certificate III	Japanese 3 and 4
History: Revolutions 3 and 4	

Information Technology based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
VCE VET ICT 1 and 2 Certificate III	VCE VET ICT 3 and 4 Certificate III
Systems Engineering 1 and 2	Systems Engineering 3 and 4
Business Management 1 and 2	Business Management 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
Art Creative Practice 1 and 2	

Language based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Italian 1 and 2	Italian 3 and 4
Literature 1 and 2	Literature 3 and 4
Modern History 1 and 2	History: Revolutions 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
VCE VET Applied Languages – Japanese Certificate III	

Law based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Mathematics Methods 1 and 2	Mathematics Methods 3 and 4
Legal Studies 1 and 2	Legal Studies 3 and 4
Modern History 1 and 2	History: Revolutions 3 and 4
Economics 1 and 2	Economics 3 and 4
Psychology 3 and 4	

Media based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Media 1 and 2	Media 3 and 4
Drama 1 and 2	Drama 3 and 4
VCE VET ICT 1 and 2 Certificate III	VCE VET ICT 3 and 4 Certificate III
General Mathematics 1 and 2	Further Mathematics 3 and 4
Visual Communication Design 1 and 2	

Performing Arts based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Music Performance 1 and 2	Music Performance 3 and 4
Drama 1 and 2	Drama 3 and 4
Literature 1 and 2	Literature 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
Physical Education 1 and 2	

Physical Education/Sports based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Physical Education 1 and 2	Physical Education 3 and 4
Biology 1 and 2	Biology 3 and 4
Health and Human Dev. 1 and 2	Health and Human Dev. 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
VCE VET Sport and Rec. 1 and 2	

Social and Community based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
General Mathematics 1 and 2	Further Mathematics 3 and 4
Legal Studies 1 and 2	Legal Studies 3 and 4
Psychology 1 and 2	Psychology 3 and 4
Geography 1 and 2	Geography 3 and 4
Economics 1 and 2	

Visual Arts based program

YEAR 11 2023	YEAR 12 2024
English 1 and 2	English 3 and 4
Art Creative Practice 1 and 2	Art Creative Practice 3 and 4
Visual Communication Design 1 and 2	Visual Communication Design 3 and 4
Business Management 1 and 2	Business Management 3 and 4
Modern History 1 and 2	History: Revolutions 3 and 4
General Mathematics 1 and 2	

Year 11 Requirements

Satisfactory Completion of Year 10 in order to move to Year 11 VCE or the VCE VM

To satisfactorily complete Year 10, a student must:

- demonstrate an appropriate level of achievement in his Year 10 studies, achieving 'C' or better in Religious Education, English and Mathematics.
- average at least a 'C' in all Year 10 units.

Year 11 Enrolment Requirements - VCE

1. Demonstrate an appropriate level of achievement in Year 10 studies.
2. Selection of VCE Program:
 - All VCE studies (subjects) are divided into semester units, with each study a Unit 1 and 2 sequence of study.
 - Students select English and five other Unit 1 and 2 sequences (or four and one VCE VET study or a Unit 3 and 4 sequence as part of the Accelerated Studies Program). Additionally, students will need to select three reserve preferences.
 - Students will select one Unit of Religious Education – either Religion and Society 1 or Texts and Traditions 1 – to be taken across both semesters.

Accelerated Studies Program

Year 11 students may undertake one Year 12 study as part of the Accelerated Studies Program. Students who wish to apply for an Accelerated Study will need to demonstrate a high level of achievement in their Year 10 studies and have submitted a completed application form in a timely manner and have an interview with a member of the Senior School Academic Panel.

Students may undertake only one Accelerated Studies unit from either the VCE or VCE VET Unit 3 and 4 options. Students who do not maintain a B+ standard in their Accelerated Studies may be withdrawn from that study.

Year 11 Enrolment Requirements – VCE VM

1. Satisfactory completion of Year 10 studies.
2. Application and successful interview with the VCE VM Admission Panel drawn from the Head of Pathways and the Senior School Leadership Team covering intended trade pathways, any arrangements already made in terms of work experience opportunities and the student's suitability to independent learning.
3. Selection of a VCE VM program, including:
 - Literacy, Numeracy, Work Related Skills, Personal Development Skills
 - Participation in the Religious Education program of the College
 - Work Placement
 - VET



Selecting a Year 11 Program

Consider the Studies on Offer

When selecting their Year 11 VCE program, students should consider the following:

- *Does this subject match my abilities?*

Can you handle this subject? Have you done well at this subject in preceding years? Your reports will indicate your ability in this area and give an idea of how you might perform.

- *Am I interested in the subject?*

Do you like this subject? Do you look forward to going to the classes? Are you in 'flow' while working on this subject? Study at Year 11 level and beyond demands time, dedication and hard work. A basic requirement is a genuine interest in the subjects you select. If you are faced with a choice, it is recommended you choose the one you are more interested in.

- *Is this subject required for my future directions?*

Do you need this subject? It is important that you consider future directions when choosing subjects. You don't need to have a definite idea now of what you may wish to do in the future, however, by using information about courses related to possible careers, you might see what subjects are needed to keep your options open. Many tertiary courses have prerequisite VCE subjects, and you should be fully informed about what they may be.

Selection Process

Students are required to study thirteen units in Year 1: one Religious Education Unit taken across both semesters of the school year and six Unit 1 and 2 sequences (including the compulsory English sequence).

Every student will have the opportunity to consult with a mentor during the time of subject selection and have subject choices checked by their mentor before final submission, taking into account stated ambition and demonstrated academic ability. All subject selections will be reviewed by the Senior School leadership team before finalisation and confirmation. Please note that in order for selection applications to be valid parents or guardians should authorise the student's selections by signing a print out of the selections.

Confirmation of Choices

Once student selections have been processed, the timetable will be constructed according to student choices. There may be some clashes and limits upon class numbers arising from this process, or some classes may not proceed due to low subscriptions; in each of these cases, students would be awarded one of their reserve preferences.

Final confirmation of subject selections will occur only after Year 10 reports have been finalised and satisfactory completion of Year 10 has been established. Students whose reports indicate they have not met the minimum requirements for automatic promotion to the following year will be required to meet with the Senior School Academic Panel to discuss likely options. Likewise, students who have applied for Accelerated Studies or advanced subjects but whose reports have not demonstrated the required level of achievement will need to re-select.



Selecting a Year 12 Program

When selecting a Year 12 program a number of factors need to be considered:

- The Year 11 program the student has completed – while not compulsory, it is recommended that VCE students undertake and complete Unit 1 – 4 sequences for subjects.
- The student's Year 11 performance – levels of ability in a particular subject area should be well known by now.
- Year 12 prerequisite subjects – most Unit 3 and 4 studies can be undertaken without having studied the Unit 1 and 2 sequence in that study although this is not ideal; however, some studies such as Mathematical Methods, Specialist Mathematics, English Language, Economics, Chemistry and Physics assume the skills and knowledge from the Year 11 course.
- Prerequisites for tertiary studies.

Satisfactory Completion of Year 11

St Joseph's College Requirements

Students must obtain a grade of **C** or higher in Religious Education and English and average a **C** in all other units to achieve automatic promotion to Year 12. Students must have also satisfactorily completed all units. Those students failing to achieve these results may be called to attend a Senior School Academic Panel meeting to discuss their level of achievement during the semester.

VCCA Requirements

For a student to be considered to have satisfactorily completed Year 11, he must have satisfactorily completed a Unit 1 and 2 English study sequence and a minimum of six other semester units. The student must also attend all classes, unless the absence has been authorised.



Assessment at VCE

Satisfactory Completion of a Unit

Satisfactory completion of a VCE unit depends upon the successful completion of each of the Outcomes that make up that unit. Each VCE unit has two to four Outcomes. Successful completion of the Outcomes is based on the teacher's assessment of the student's performance on assessment tasks designated for the unit, including SACs and hurdle tasks.

If students complete the work requirements/outcomes set by VCAA and the school for the units they undertake, in ways that satisfy the description in the study design, then they will gain credit for the unit. They will be reported as 'S' (Satisfactory) or 'N' (Not Satisfactory). Students will gain credit on all units, which they have successfully completed, as outlined by VCAA in the relevant Study Design.

To be awarded the VCE, students must satisfactorily complete a minimum sixteen units including:

- At least three units for English, including Units 3 and 4.
- At least three sequences of Unit 3 and 4 level units in studies other than English, that may include up to two VCE VET Unit 3 and 4 sequences.

Internal Assessments

Units 1 and 2 will be school assessed only. St Joseph's College will use similar assessment methods as those used by VCAA in Units 3 and 4 to prepare the students for Year 12. The College's assessment grades will be used only for College reporting purposes and are not reported to the VCAA. Only satisfactory or not satisfactory completion of Units 1 and 2 studies is reported to the VCAA.

Assessment of VCE Units 3 and 4

All studies will have both school assessment and examinations. There will be three assessments, including the final examination, reported as grades (A+ to UG) for each study which will form the basis for the calculation of the Study Score by the VCAA.

School Assessed Coursework (SAC) – Unit 3 and 4 Only

School Assessed Coursework is made up of a number of assessment tasks that are specified in the relevant Study Design. These assessment tasks are used to assess the Unit learning outcomes.

School Assessed Task (SAT) – Unit 3 and 4 Only

These are long-term projects and will be used in studies where products and models are assessed such as in the Arts and Technology.

External Assessments - Examinations

Unit 1 and 2

All students undertaking a VCE Unit 1 and 2 study will participate in examinations at the end of each of Semester. As with level of performance results in Unit 1 and 2 assessments, the results of these examinations are not communicated to VCAA but used for College reporting purposes, and to support students in their progress.

Unit 3 and 4

All subjects will have a written examination in November (pandemics notwithstanding!). Performance/oral examinations are held in October. Examination scores are the most important factor in the calculation of the Study Score.

The College also holds compulsory trial examinations for all Year 12 VCE students at midyear, September holidays and just prior to VCAA Examinations.

Study Scores

In Unit 3 and 4 studies, students achieve a Study Score that contributes directly to their ATAR upon the conclusion of their Unit 3 and 4 studies including the final examination. Students' overall achievements for each study will be calculated and reported as a Study Score on a scale of 0 to 50.

In order to qualify for a Study Score, a student must have satisfactorily completed both Units 3 and 4 in that study.



Tertiary Admission

Victoria's tertiary institutions have a joint selection system administered by the Victorian Tertiary Admissions Centre (VTAC).

The role of VTAC includes:

- publishing entry requirements for university and TAFE courses
- organising the application procedure
- receiving and processing applications
- forwarding the appropriate applications and accompanying information to relevant tertiary institutions
- making offers to prospective students on behalf of tertiary institutions

The VTAC website (<http://www.vtac.edu.au/>) is a resource that all senior secondary students should become familiar with. This site contains a comprehensive list of course, advice on entry and careers information.

VTAC also provides details of prerequisites for entry in each year. If students are even considering applying for courses requiring prerequisites, they must ensure that these prerequisites are included in their VCE program, after considering their ability in those subjects and taking advice from people such as the Head of Pathways.

Tertiary entrance is most typically determined by the ATAR (Australian Tertiary Admissions Rank), a rank compiled from the student's scores in English and their best three studies, as well as ten percent of up to two additional studies.

Some courses, such as those around the design and performance industries, will often require a folio, interview and/or audition in place of, or as well as, the ATAR. There may also be other requirements, which are outlined on the VTAC website or institution web pages.

Where to find help

The following is a list of staff members who are able to assist you with any questions you may have regarding VCE, VCE VM and/or VET.

General enquires and questions about VCE and VCE VM course selection:

Andrew Cooper	Deputy Principal (Learning)	acooper@stjosephs.com.au
Guido Piotti	Deputy Principal (Students)	gpiotti@stjosephs.com.au
Liam O'Keefe	Director of Students (Learning and Wellbeing)	lokeefe@stjosephs.com.au
Vivienne Egan	Head of Pathways	vegan@stjosephs.com.au
Alexandria Bantock	Year 12 Leader	abantock@stjosephs.com.au
Craig Buys	Year 11 Leader	cbuys@stjosephs.com.au
Adriana Velardo	VCE Learning Leader	avelardo@stjosephs.com.au
Jacqui Cooke	Year 10 Leader	jcooke@stjosephs.com.au
Ben Bingley	Year 10 Learning Leader	bbingley@stjosephs.com.au

Subject specific enquiries:

Patrick van Dyk	Religious Education Leader	pvandyk@stjosephs.com.au
Siobhan Duffy	Arts Leader	sduffy@stjosephs.com.au
Melissa Young	Head of English and Literacy	myoung@stjosephs.com.au
Matthew Dunn	Health and Physical Education Leader	mdunn@stjosephs.com.au
Ian Horsburgh	Humanities Leader	ihorsburgh@stjosephs.com.au
Hannah Mole	Languages Leader	hmole@stjosephs.com.au
Ashleigh Fleming	Mathematics Leader	afleming@stjosephs.com.au
Carmel Lardner	Science Leader	clardner@stjosephs.com.au
Warren Stephenson	Technology Leader	wstephenson@stjosephs.com.au



Year 11 and 12 VCE based Religious Education units available:

- **Religion and Society: Unit 1**
- **Religion and Society: Units 3 and 4**
- **Texts and Traditions: Unit 1**
- **Texts and Traditions: Units 3 and 4**

School-based Year 12 Religious Education:

- **Ethics**
- **Religion and the Arts**
- **The Philosophy of Me**

RELIGIOUS EDUCATION

Throughout Years 7 - 12 the College offers a comprehensive Religious Education program that encompasses the beliefs and teachings of the Catholic Church. The College also offers rich liturgical experiences and the opportunity for students to reflect on what it is to be a Catholic in today's world.

For Year 12 students it is this latter experience that becomes paramount. It is important that young adults have the opportunity to reflect on their faith in an adult manner. To facilitate this experience students will participate in a wide range of activities that will affirm their beliefs and yet challenge them to reflect more deeply on their call to be men of faith.

Religion and Society Unit 1

Unit 1: The Role of Religion in Society

In this unit students explore the origins of religions and the role of religions in the development of society, identifying the nature and purpose of religion over time. They investigate the contribution of religion generally to the development of human society. They also focus on the role of religious traditions over time in shaping personal and group identity. Students examine how individuals, groups and new ideas have affected and continue to affect religious traditions. The unit provides an opportunity for students to understand the often-complex relationships that exist between individuals, groups, new ideas and religious traditions broadly and in the Australian society in which they live.

Texts and Traditions Unit 1

Unit 1: Texts in Traditions

In this unit students examine the place of texts and their literary forms within a religious tradition. Story-telling is one of the major literary forms in religious traditions; other forms include law, prophecy, sacred songs, reflection and instruction. Students explore the importance of texts at the source of a tradition and how their meaning for the earlier and continuing tradition might be found and described. The process of searching for and giving expression to the meaning of text is called exegesis. This unit introduces students to basic methods of exegesis to bring about a deeper awareness of how texts came about, and the meaning of texts to the religious tradition. This unit also explores how texts have been used by people both within and beyond the religious tradition to bring meaning to issues or ideas in a new cultural setting. This unit requires the study of texts in a variety of literary forms. The texts may come from one religious tradition or from a range of them.

Please note: Year 11 students complete one VCE Religious Education unit across the whole year.

Year 12 Religious Education

Year 12 students may choose from a school-based Religious Education program that runs across three periods a week which is not VCE assessed and does not contribute to the ATAR, or a VCAA assessed VCE study which is externally examined, generates a Study Score and contributes directly to the ATAR.

School-based Year 12 Religious Education options:

Ethics

Ethics is a discipline that investigates morality; it involves reflection on what is 'right' and 'wrong' and 'good' and 'bad' mean when applied to human decisions and actions. It is concerned with discovering ways of acting that are worthy of choice and of discerning those that are unworthy of choice. Value choices are fundamental to being human. Ethics is particularly concerned with the justification for moral choices - the argument and reasoning behind them. Ethical questions are raised at the personal, family, local, wider community, national and global level.

Religion and The Arts

The subject looks at a range of ways that beliefs are expressed and interpreted through the Arts. If you are a Performing Arts or Visual Arts student, and are undertaking either of these subjects in VCE, then it makes sense to consider choosing Religion and The Arts for your school based Religious Education program. This subject offers great opportunity to enhance your skills in the Arts and develop your folio of work.

The Philosophy of Me

The Philosophy course explores areas of moral philosophy and how this is expressed in the modern world. Investigating knowledge and understanding through questions like What is the nature of reality? How can we acquire certain knowledge? These are some of the questions that have challenged humans for millennia and underpin ongoing endeavours in areas as diverse as science, justice and the arts. This unit engages students with fundamental philosophical questions through active, guided investigation and critical discussion of two key areas of philosophy: epistemology and metaphysics. The emphasis is on philosophical inquiry – ‘doing philosophy’ – and hence the study and practice of techniques of logic are central to this unit. As students learn to think philosophically, appropriate examples of philosophical viewpoints and arguments, both contemporary and historical, are used to support, stimulate and enhance their thinking about central concepts and problems

VCE Religious Education Units:

Students considering VCE Studies in Religion and Society Unit 3 and 4 or Texts and Traditions Units 3 and 4 should satisfy the following criteria in order to undertake the subject:

1. Students must achieve a B+ or higher in the Year 11 Religious Education subject they currently are completing.
2. Students must be recommended by their current teacher to be considered.
3. Students will be required to attend Mass once a fortnight with their year level, as scheduled.

Students will be entitled to a 5-period fortnightly study allowance per week for undertaking this subject within their VCE studies.

Religion and Society Units 3 and 4

Unit 3: The Search for Meaning

Over time and across cultures humanity has sought to understand the why and how of existence. In this quest for meaning humans have consistently posed big questions of life such as: Where did we come from? Is there someone or something greater than us – an ultimate reality? What is the purpose of our existence? How should we live? Is there anything beyond death? In response to this quest for meaning, various religious, philosophical, scientific, and ideological world views have been developed. Religion has developed answers in the form of various beliefs and other aspects that have offered ways of establishing meaning – not only for human existence, but also for all that exists. The aspects of religion have also attempted to explain the nature of relationships between humans individually and collectively, between humans and ultimate reality and between humans and the rest of the natural world.

The beliefs of any religion are the ideas held about ultimate reality and the meaning of human existence, such as the purpose of all life and notions of the afterlife. These beliefs together with their expressions through the other aspects form the distinctive identity of a religious tradition. In this unit students study the purposes of religion generally and then consider the religious beliefs developed by one or more than one religious tradition or denomination in response to the big questions of life. Students study how particular beliefs within one or more than one religious tradition or denomination may be expressed through the other aspects of religion, and explore how this is intended to foster meaning for adherents. Students then consider the interaction between significant life experience and religion. Religious tradition/s or denomination/s are to be selected from one or more than one of the following religious traditions: Buddhism, Christianity, Hinduism, Islam, Judaism.

Unit 4: Religion, Challenge and Change

This unit focuses on the interaction over time of religious traditions and the societies of which they are a part. For a large part of human history religion has been a truth narrative, offering a means for finding answers to the big questions of life. Religious traditions are in a dynamic process of engagement and negotiation with members individually and collectively, as well as with other key institutions in wider society associated with power, authority and credibility. Religious traditions are living institutions that participate in and contribute to wider societies – both positively and negatively. They stimulate and support society, acting as levers for change themselves and embracing or resisting forces for change within society.

Religious traditions are in a constant state of development as members apply their talents and faith to extend the intellectual and aesthetic nature of the beliefs, of their expression and of the application to their lives. In the interaction of religious traditions and society there are also opportunities for development from significant challenges including the needs and insights of their membership, and of people and groups within wider society. These challenges and the religious tradition are influenced by broader contexts such as changing economic, political and social conditions. A challenge is a situation that stimulates a response from society and/or religious traditions.

Religious traditions take stances for or against challenges, or they take a stance of indifference. Consequently, actions are implemented which involve different aspects of the religious tradition. These actions may resist or embrace change and affect wider society and/or the religious tradition itself. A key aim beyond resolution of the challenge itself is for the religious tradition to retain integrity, authenticity and, ultimately, identity. However, the interaction between religious traditions and society may not always achieve these aims and there may be a series of interactions as a challenge is negotiated.

Texts and Traditions Units 3 and 4

Unit 3: Texts and The Early Tradition

The texts of a particular religious tradition are foundational in that they recount, for example, specific events, narratives, laws, prophetic pronouncements and teachings that describe the beginnings and initial development of a religious tradition. In this unit students explore the society and culture from which the tradition being studied was formed. They seek an understanding of the historical background that lent shape and content to the texts themselves. Students develop an understanding of how the chosen set text is a response to particular social, cultural, religious, political and historical needs and events. They explore the formation of the text itself, the intended audience of that text, and the message or teaching found within the text. As a means to gaining an understanding of the content and message of a text, students become familiar with the nature of exegetical methods being used today by scholars in the religious tradition of their particular text. The first exegetical method students are introduced to in Units 3 and 4 is called sociocultural criticism. The premise this is based on is that an understanding of the original social, cultural, religious, political and historical experience or situation at the time of the formation of the text can lead to a more accurate understanding of the original intention of the text. The second exegetical method used in Units 3 and 4 is literary criticism which seeks to classify texts according to form, considers their structure and literary forms and techniques, and attempts to establish authorship, date, and audience. The traditions approved for study in Units 3 and 4 are Christianity, Islam and Judaism. Approval for the study of another tradition in Units 3 and 4 must be sought from the VCAA. Texts for Units 3 and 4 are prescribed annually by the VCAA. To facilitate close reading of the texts, the VCAA will also annually prescribe certain themes and passages for special study taken from the set texts. Students are expected to have a general knowledge of the chosen set text as outlined in the Study Design and a detailed knowledge of the themes and passages for special study.

Unit 4: Texts and Their Teachings

In this unit students continue to apply exegetical methods to the passages for special study begun in Unit 3, but to greater depth. Some texts are regarded as essential for the continuation of a tradition because they function as a means of communicating teachings or understandings about the relationship between the human and the transcendent. These understandings are often expressed through ideas, beliefs or themes in the particular texts. Some of the themes contained in the foundational texts have been reinterpreted at different times by the tradition. In this unit students study a significant idea, belief or theme contained in the set text, and consider the interpretation of the text in the light of the idea, belief or theme.

Where can Religious Education take me?

Religious Education, taken with other prerequisites, can lead to many careers, including the following:

- Education
- Pastoral Care
- Community Service
- Religious Life – Priest, Religious Sister, Religious Brother
- Social Work

What other VCE subjects go well with Religious Education?

The following VCE studies complement Religious Education:

- History
- The Arts
- Literature
- Psychology

More Information

Entry

Unit 1 and 2 Texts and Traditions is required for Unit 3 and 4 Texts and Traditions

Students considering VCE Studies in **Religion and Society** Unit 3 /4 OR **Texts and Traditions** Unit 3 and 4 must meet the following criteria to be able to undertake the subject:

1. Students must achieve a **B+** or higher in their Year 11 Religious Education subject.
2. Enrolment must be supported by the Year 11 teacher.
3. Students will be required to attend Mass once a fortnight with their year level, as scheduled.

Additional Documentation

The Study Design for VCE **Religion and Society** or VCE **Texts and Traditions** outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

Neither VCE Religion and Society nor Texts and Traditions is not a prerequisite for any tertiary course.



The Arts

- **Drama**
- **Media**
- **Music Performance**
- **Art Creative Practice**
- **Visual Communication Design**

DRAMA

The study of Drama focuses on the creation and performance of characters and stories in naturalistic and non-naturalistic ways. Students draw on a range of stimulus material and play-making techniques to develop and present devised work. Students also explore a range of performance styles and conventions, dramatic elements and stagecraft. They use performance and expressive skills to explore and develop role and character. They analyse the development of their own work and performances by other drama practitioners.

Drama Units 1 and 2

Unit 1: Introducing Performance Styles

This unit focuses on creating, presenting and analysing a devised performance that includes real or imagined characters and is based on stimulus material that reflects personal, cultural and/or community experiences and stories. This unit also involves analysis of a student's own performance work and of a performance by professional drama practitioners. In this unit students use performance styles from a range of contexts associated with naturalism and non-naturalism.

Unit 2: Australian Identity

In this unit students study aspects of Australian identity evident in contemporary drama practice. This unit focuses on the use and documentation of the processes involved in constructing a devised solo or ensemble performance that uses non-naturalistic performance styles. Students create, present and analyse a performance based on a person, an event, an issue, a place, an artwork, a text and/or an icon from a contemporary or historical Australian context. Students use a range of stimulus material in creating the performance and examine non-naturalistic performance styles from a range of contexts relevant to Australia and Australians. Conventions appropriate to the selected performance styles are also explored. Students' knowledge of how dramatic elements can be enhanced or manipulated through performance is further developed in this unit.

Drama Units 3 and 4

Unit 3: Devised Ensemble Performance

This unit focuses on non-naturalistic devised ensemble drama. Students explore non-naturalistic performance styles and associated conventions from a diverse range of contemporary and cultural performance traditions and work collaboratively to devise, develop and present an ensemble performance. Students use and manipulate dramatic elements, conventions, performance and expressive skills, performance styles and stagecraft in non-naturalistic ways to shape and enhance the performance. Students also document and evaluate stages involved in the creation, development and presentation of the ensemble performance. Students also analyse a professional performance that incorporates non-naturalistic performance styles and production elements selected from the prescribed VCE Drama Unit 3 Playlist published annually on the Victorian Curriculum and Assessment Authority website.

Unit 4: Devised Solo Performance

This unit focuses on the development and presentation of non-naturalistic devised solo performances. Students explore non-naturalistic performance styles and associated conventions from a diverse range of contemporary and cultural performance traditions. They develop skill in extracting dramatic potential from stimulus material and use dramatic elements, conventions, performance styles and performance and expressive skills to develop and present a short solo performance. These skills are further developed as students create a devised solo performance in response to a prescribed structure. Students also document and evaluate the stages involved in the creation, development and presentation of a solo performance.

Where can Drama take me?

Drama, taken with other prerequisites, can lead to many careers, including the following:

- Performing arts
- Film and television
- Education
- Advertising
- Media and communication

What other VCE subjects go well with Drama?

The following VCE studies complement Drama:

- Media
- Music Performance
- Literature
- Psychology
- Physical Education

More Information

Entry

Entry into Unit 1 and 2 Drama requires the satisfactory completion of Year 10 studies in accordance with the College's promotion policy.

Unit 1 and 2 Drama is advantageous though not required for entry to Unit 3 and 4 Drama.

Additional Documentation

The Study Design for VCE Drama outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Drama is not a prerequisite for any tertiary course, but the skills will be useful for any courses requiring an audition.

MEDIA

VCE Media supports students to develop and refine their analytical, critical, creative thinking and expression. Students strengthen their communication skills and technical knowledge. This study is relevant for students who wish to pursue further formal study at tertiary level or in vocational education and training settings. The study provides knowledge and skills in creative thinking, planning, analysis, creative expression and communication valuable for participation in and contribution towards contemporary society.

Media Units 1 and 2

Unit 1: Media Forms, Representations and Australian Stories

The relationship between audiences and the media is dynamic and changing. In this unit students develop an understanding of audiences and the core concepts underpinning the construction of representations and meaning in different media forms. They explore media codes and conventions and the construction of meaning in media products. Students analyse how representations, narrative and media codes and conventions contribute to the construction of the media realities audiences engage with. Students gain an understanding of audiences as producers and consumers. Through analysing the structure of narratives, students consider the impact of media creators and institutions on production. They develop research skills to investigate and analyse selected narratives focusing on the influence of media professionals on production genre and style. Students develop an understanding of the features of Australian fictional and non-fictional narratives. Students work in a range of media forms and develop and produce representations to demonstrate an understanding of the characteristics of each media form, and how they contribute to the communication of meaning.

Unit 2: Narrative Across Media Forms

Fictional and non-fictional narratives are fundamental to the media and are found in all media forms. In this unit students further develop an understanding of the concept of narrative in media products and forms in different contexts. Narratives in both traditional and newer forms include film, television, sound, news, print, photography, games, and interactive digital forms. Students analyse the influence of developments in media technologies on individuals and society, examining in a range of media forms the effects of media convergence and hybridisation on the design, production and distribution of narratives in the media and audience engagement, consumption and reception. Students undertake production activities to design and create narratives showing an awareness of the structures and media codes and conventions appropriate to media forms.

Media Units 3 and 4

Unit 3: Media Narratives and Pre-Production

In this unit students explore media narratives. They consider the use of media codes and conventions to structure meaning, and how this construction is influenced by the social, cultural, ideological and institutional contexts of production, distribution, consumption and reception. Students assess how audiences are engaged by, consume and read narratives. Students use the pre-production stage of the production process to design the production of a media product for a specified audience. They investigate a media form that aligns with their interests and intent, developing an understanding of the codes and conventions within the selected form. They explore and experiment with media technologies to develop skills in their selected form. Students undertake pre-production processes and develop documentation to support the production and post-production of a media product.

Unit 4 - Media Production and Issues in the Media

In this unit students focus on the production and post-production stages of the media production process, bringing the media production design created in Unit 3 to its realisation. They refine their media production in response to feedback and through personal reflection, documenting the iterations of their production as they work towards completion. Students explore the relationship between the media and audiences, focusing on the opportunities and challenges afforded by current developments in the media industry.

Where can Media take me?

Media, taken with other prerequisites, can lead to many careers, including the following:

- Media and communication
- Advertising
- Journalism
- Film and Television
- Education
- Information and Communication Technology

What other VCE subjects go well with Media?

The following VCE studies complement Media:

- VCE VET Information and Communication Technology
- Literature
- Drama
- Visual Communication Design
- Psychology

More Information

Entry

Entry into Unit 1 and 2 Media requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Media is advantageous though not required for entry to Unit 3 and 4 Media.

Additional Documentation

The Study Design for VCE Media outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Media is not a prerequisite for any tertiary course, but the folio developed as part of the course can be essential in folio-based subjects requiring an interview rather than an ATAR.

MUSIC PERFORMANCE

VCE Music Performance is based on active engagement in, and considered response to, all aspects of music. Students develop and refine musicianship skills and critical awareness of their relationship with music as listener, performer, composer, consumer and user of music technologies. Students explore, reflect on, and respond to the music they listen to, create and perform and consider its contexts, associations and interactions. Students study music styles and genres from diverse cultures, times and locations. They analyse and evaluate live and recorded performances and learn to incorporate, adapt and interpret musical elements and ideas from the work of leading practitioners. Students study and practise ways of effectively communicating and expressing musical ideas to an audience as performer and/or composer.

Please note that all VCE Music Performance students are required to undertake private music lessons.

Music Performance Units 1 and 2

Unit 1: Music Performance

This unit focuses on building students' performance and musicianship skills to present performances of selected group and solo music works using one or more instruments. They study the work of other performers and explore strategies to optimise their own approach to performance. They identify technical, expressive and stylistic challenges relevant to works they are preparing for performance and endeavour to address these challenges. Students develop their listening, aural, theoretical and analytical musicianship skills and apply this knowledge when preparing and presenting performances.

Unit 2: Music Performance

This unit focuses on building performance and musicianship skills. Students present performances of selected group and solo music works using one or more instruments and take opportunities to perform in familiar and unfamiliar venues and spaces. They study the work of other performers and refine selected strategies to optimise their own approach to performance. They identify technical, expressive and stylistic challenges relevant to works they are preparing for performance and endeavour to address these challenges. Students develop their listening, aural, theoretical and analytical musicianship skills and apply this knowledge when preparing and presenting performances.

Music Performance Units 3 and 4

Unit 3: Music Performance

In this unit students select a program of group and solo works representing a range of styles and diversity of character for performance. They develop instrumental techniques, interpret works and shape their performances. They understand performance conventions used to enhance their work. Students develop skills in unprepared performance, aural perception, comprehension, transcription, music theory and analysis.

Unit 4: Music Performance

In this unit students refine their ability to present performances of group and solo works. They further develop and refine instrumental and performance techniques and communicate an understanding of the music style. Students develop skills in aural perception and comprehension, transcription, theory, analysis and unprepared performance.

Where can Music Performance take me?

Music Performance, taken with other prerequisites, can lead to many careers, including:

- Performing arts
- Film and television
- Education
- Advertising
- Media and communication

What other VCE subjects go well with Music Performance?

The following VCE studies complement Music Performance:

- Media
- History
- Psychology
- Physical Education

More Information

Entry

Entry into Unit 1 and 2 Music Performance requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Music Performance is advantageous for entry to Unit 3 and 4 Music Performance. Music Performance students are required to be undertaking private music lessons.

Additional Documentation

The Study Design for VCE Music Performance outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Music Performance is not a prerequisite for any tertiary course, but the skills will be useful for any courses requiring an audition.

ART CREATIVE PRACTICE

Art Creative Practice introduces the role of art in contemporary and historical cultures and societies, and values the meaningful and unique impact of artists on the development of arts knowledge, tradition and experiences, both locally and globally. Students build an understanding of how artists, through their practice and the artworks they create, communicate personal experiences and ideas, and cultural values, beliefs and viewpoints. In this study, students view artworks and investigate the working practices of artists from different cultures and periods of time. Students are challenged to articulate their understanding of the meanings and messages contained within artworks and to examine the effects of artworks upon the viewers or audiences who experience them. Students learn to pose and solve problems, and work independently and collaboratively, to create and convey meaning through art making.

Art Creative Practice Units 1 and 2

Unit 1: Interpreting Artworks and Exploring the Creative Practice

In Unit 1 students use Experiential learning in Making and Responding to explore ideas using the Creative Practice. As the artist and audience, students consider their connection to artworks, and how their communication of ideas and presentation of artworks challenge, shape and influence viewer or audience perspectives. They focus on the making of art and examine how artists communicate ideas and meaning in artworks. They examine artists in different societies, cultures and historical periods and develop their own interpretations and viewpoints about the meanings and messages of artworks. They explore how artists create new ways of thinking and representation, while developing their own art practice. Students explore the practices of artists who have been inspired by ideas relating to personal identity. They study at least three artists and at least one artwork from each of the selected artists. Through their analysis and interpretation students learn how to formulate and substantiate personal opinions about artworks. Students apply the Structural Lens and the Personal Lens to analyse and interpret the meanings and messages of artworks and to document the reflection of their own ideas throughout their art practice. Students learn about the components of the Creative Practice and explore areas of personal interest to develop a series of visual responses.

Unit 2: Interpreting Artworks and Developing the Creative Practice

In Unit 2 students use Inquiry learning to investigate the artistic and collaborative practices of artists. They use the Cultural Lens, and the other Interpretive Lenses as appropriate, to examine artworks from different periods of time and cultures, and to explore the different ways that artists interpret and communicate social and personal ideas in artworks. Students explore the collaborative practices of artists and use the Creative Practice to make and present artworks. They develop visual responses based on their investigations, exploring the way historical and contemporary cultural contexts, ideas and approaches have influenced the artworks and the practices of the artists they investigate, as well as their own art practice.

Art Creative Practice Units 3 and 4

Unit 3: Investigation, Ideas, Artworks and the Creative Practice

In this unit students use Inquiry and Project-based learning as starting points to develop a Body of Work. They explore ideas and experiment with materials, techniques and processes using the Creative Practice. The research of historical and contemporary artists is integral to students' use of the Creative Practice and informs the basis of their investigation. Students also investigate the issues that may arise from the artworks they view and discuss, or those evolving from the practice of the artist. Unit 3 commences with students researching the practice of a selected artist as the starting point to develop a finished artwork. The finished artwork will contribute to the Body of Work developed over Units 3 and 4.

Unit 4: Interpreting, Resolving and Presenting Artworks and the Creative Practice

In Unit 4 students continue to develop their art practice through Project-based and Inquiry learning as their research and exploration continues to support the development of their Body of Work. Throughout their research students study the practices of selected historical and contemporary artists to inform their own art practice. They use the Interpretive Lenses to analyse, compare and interpret the meanings and messages of artworks produced by the artists they study. Students also apply the Interpretive Lenses throughout the Creative Practice to resolve and refine their Body of Work.

Students continue to build upon the ideas begun in Unit 3 and present a critique of their use of the Creative Practice. They reflect on the feedback from their critique to further refine and resolve a Body of Work that demonstrates their use of the Creative Practice and the realisation of their personal ideas. The students present their Body of Work to an audience accompanied by documentation of their use of the Creative Practice.

Where can Art Creative Practice take me?

Art Creative Practice, taken with other prerequisites, can lead to many careers, including the following:

- Visual arts
- Graphic design
- Fashion design
- Architecture
- Media and communication

What other VCE subjects go well with Art Creative Practice?

The following VCE studies complement Visual Communication Design:

- Visual Communication Design
- History
- Literature
- Studio Arts
- Psychology
- Media

More Information

Entry

Entry into Unit 1 and 2 Art Creative Practice requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy. Unit 1 and 2 Art Creative Practice is advantageous though not required for entry to Unit 3 and 4.

Additional Documentation

The Study Design for VCE Art Creative Practice outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

The Study Design for VCE Art Creative Practice outlines the curriculum and assessment for the subject and is available at the VCAA website. Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Art Creative Practice is not a prerequisite for any tertiary course, but the folios developed as part of the units can be essential for any courses requiring an interview and/or the completion of a pre-selection task.

VISUAL COMMUNICATION DESIGN

The Visual Communication Design course examines the way visual language can be used to convey ideas, information and messages in the fields of communication, environmental and industrial design. Visual Communication Design relies on drawing as the primary component of visual language to support the conception of visualisation of ideas. Therefore, this study emphasises the importance of developing a variety of drawing skills to visualise thinking and to present potential solutions. Students also employ a design process to generate and develop visual communications. The design process provides a structure to organise design thinking and is shaped by considerations of aesthetics, functionality and a range of social and environmental factors. Throughout the study students explore manual and digital methods to manipulate design elements and principles, selected media, materials and methods of production.

Visual Communication Design Units 1 and 2

Unit 1: Introduction to Visual Communication Design

This unit focuses on using visual language to communicate messages, ideas and concepts involving acquiring and applying design thinking skills as well as drawing skills to create messages, ideas and concepts. Students practise their ability to draw what they observe and they use visualisation drawing methods to explore their own ideas and concepts and develop an understanding of the importance of presentation drawings to clearly communicate their final visual communications. Students develop an understanding of how they affect the visual message and the way information and ideas are read and perceived. They review the contextual background of visual communication through an investigation of design styles. Students encounter the broader context of the place and purpose of design and are introduced to the importance of copyright and intellectual property and the conventions for acknowledging sources of inspiration. They are introduced to four stages of the design process: research, generation of ideas, development of concepts and refinement of visual communications.

Unit 2: Applications of Visual Communication within Design Fields

This unit focuses on the application of visual communication design knowledge, design thinking and drawing methods to create visual communications to meet specific purposes in designated design fields. Students use presentation drawing methods to communicate information and ideas associated with the environmental or industrial fields of design. They also investigate how typography and imagery are used in these fields. They apply design thinking skills when exploring ways in which images and type can be manipulated to communicate ideas and concepts. Students develop an understanding of the design process as a means of organising their thinking about approaches to solving design problems and presenting ideas. In response to a brief, students engage in the stages of research, generation of ideas and development and refinement of concepts to create visual communications.

Visual Communication Design 3 and 4

Unit 3: Visual Communication Design Practices

Students gain an understanding of the process to communicate ideas with clients, target audiences, and other designers. Students gain insight into how methods, media and materials, and the application of design elements and design principles, can create effective visual communications.

They investigate and experiment with manual and digital methods, media and materials to make informed decisions when selecting suitable approaches for the development of their design ideas and concepts. Students establish a brief and apply design thinking. Design from a variety of historical and contemporary fields is considered. Students use drawings to generate design ideas and apply strategies to organise and evaluate their ideas.

Unit 4: Visual Communication Design Development, Evaluation and Presentation

The development of design concepts and two final presentation involves applying the design process twice to meet each of the stated communication needs. Students continue the design process by developing and refining concepts. They utilise digital and manual methods, media and materials. They investigate how the application of design elements and design principles creates different messages and conveys ideas to the target audience. As students revisit stages to undertake further research or idea generation, they develop an understanding of the nature of the design process. Reflection of design progress assists students with the eventual refinement and presentation of two final design solutions.

Where can Visual Communication Design take me?

Visual Communication Design, taken with other prerequisites, can lead to many careers, including the following:

- Visual arts
- Graphic design
- Fashion design
- Architecture

What other VCE subjects go well with Visual Communication Design?

The following VCE studies complement Visual Communication Design:

- Visual Communication Design
- Studio Arts
- Physics
- Psychology
- Media

More Information

Entry

Entry into Unit 1 and 2 Visual Communication Design requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Visual Communication Design is advantageous though not required for entry to Unit 3 and 4 Visual Communication Design.

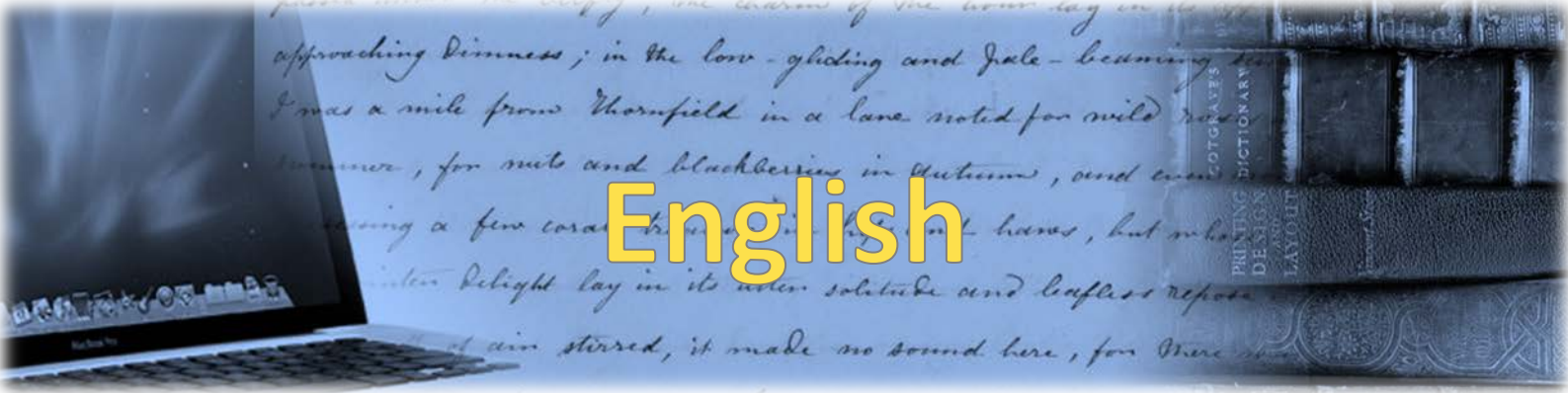
Additional Documentation

The Study Design for VCE Visual Communication Design outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Visual Communication Design is not a prerequisite for any tertiary course, but the folios developed as part of the units can be essential for any courses requiring an interview and/or the completion of a pre-selection task.



- **English**
- **English as an Additional Language (EAL)**
- **English Language**
- **Literature**

ENGLISH/ EAL

VCE English focuses on how the English language is used to create meaning in written, spoken and multimodal texts of varying complexity. Literary texts selected for study are drawn from the past and present, from Australia and from other cultures. Other texts are selected for analysis and presentation of argument. The study is intended to meet the needs of students with a wide range of expectations and aspirations, including those for whom English is an additional language.

English Units 1 and 2

Unit 1

In this unit, students read and respond to texts analytically and creatively. They analyse arguments and the use of persuasive language in texts and create their own texts intended to position audiences. Students develop their skills in creating written, spoken and multimodal texts.

Assessment

- Reading and creating texts: Students should be able to produce analytical and creative responses to texts.
- Analysing and presenting argument: Students should be able to analyse how argument and persuasive language can be used to position audiences, and create their own texts intended

Unit 2

In this unit students compare the presentation of ideas, issues and themes in texts. They analyse arguments presented and the use of persuasive language in texts and create their own texts intended to position audiences. Students continue to develop their skills in creating written, spoken and multimodal texts.

Assessment

- Reading and comparing texts: Students should be able to compare the presentation of ideas, issues and themes in two texts.
- Analysing and presenting argument: Students should be able to identify and analyse how argument and persuasive language are used in text/s that attempt to influence an audience, and create a text which presents a point of view.

English Units 3 and 4

Unit 3

In this unit students read and respond to texts analytically and creatively. They analyse arguments and the use of persuasive language in texts.

Assessment

- Reading and creating texts: Students should be able to produce an analytical interpretation of a selected text, and a creative response to a different selected text.
- Analysing and presenting argument: Students should be able to analyse and compare the use of argument and persuasive language in texts that present a point of view on an issue currently debated in the media.

Unit 4

In this unit students compare the presentation of ideas, issues and themes in texts. They create an oral presentation intended to position audiences about an issue currently debated in the media.

Assessment

- Reading and comparing texts: Students should be able to produce a detailed comparison which analyses how two selected texts present ideas, issues and themes.
- Presenting argument: Students should be able to construct a sustained and reasoned point of view in an issue currently debated in the media.

Where can English take me?

English, taken with other prerequisites, can lead to many careers, including the following:

- Journalism
- Law
- Education
- Advertising
- Media and communication

What other VCE subjects go well with English?

The following VCE studies complement English

- History
- Literature
- English Language
- Media

More Information

Entry

Entry into Unit 1 and 2 English requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

English is a compulsory component of the VCE. Satisfactory completion of Unit 1 and 2 English in accordance with the College's Promotion Policy is required in order to undertake Unit 3 and 4 English.

Additional Documentation

The Study Design for VCE English outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

An English Group Unit 3 and 4 study (English, EAL, English Language, Literature) is a prerequisite for all University courses in Australia.

ENGLISH LANGUAGE

VCE English Language explores the way in which language is used by individuals and groups and reflects our thinking and values. Learning about language helps us to understand ourselves, the groups with which we identify, and the society we inhabit. Informed by the discipline of linguistics, English Language provides students with metalinguistic tools to understand and analyse language use, variation and change. Students come to understand how people use spoken and written English to communicate, to think and innovate, to construct identities, to build and interrogate attitudes and assumptions, and to create and disrupt social cohesion.

English Language Units 1 and 2

Unit 1 Language Communication

In this unit, students consider the way language is organised so that its users have the means to make sense of their experiences and to interact with others. Students explore the various functions of language and the nature of language as a highly elaborate systems of signs. Students investigate children's ability to acquire language, and the stages of language acquisition across a range of subsystems.

Unit 2 Language Change

In this unit, the students focus on language change. Languages are dynamic and change is an inevitable and continuous process. Students consider factors contributing to change over time in the English language and factors contributing to the spread of English. Attitudes to language change vary considerably and these are also considered. In addition to developing an understanding of how English has been transferred over the centuries, students explore the various possibilities for the future of English

English Language Units 3 and 4

Unit 3: Language Variation and Social Purpose

In this unit students investigate English language in contemporary Australian social settings, along a continuum of informal and formal registers. They consider language as a means of social interaction, exploring how through written and spoken texts we communicate information, ideas, attitudes, prejudices and ideological stances.

Unit 4: Language Variation and Identity

In this unit students focus on the role of language in establishing and challenging different identities. There are many varieties of English used in contemporary Australian society, including national, regional, cultural and social variations. Standard Australian English is the variety that is granted prestige in contemporary Australian society and it has a role in establishing national identity. However, non-Standard English varieties also play a role in constructing users' social and cultural identities. Students examine a range of texts to explore the ways different identities are constructed. These texts include extracts from novels, films or television programs, poetry, letters and emails, transcripts of spoken interaction, songs, advertisements, speeches and bureaucratic or official documents.

Where can English Language take me?

English Language, taken with other prerequisites, can lead to many careers, including the following:

- Linguistics
- Journalism
- Education
- Sociology
- Media and communication

What other VCE subjects go well with English Language?

The following VCE studies complement English Language:

- History
- English
- Psychology
- Media

More Information

Entry

Entry into Unit 1 and 2 English Language is **by application only** and requires the satisfactory completion of Year 10 studies in accordance with the College's promotion policy. A high level of achievement in Year 10 English and a high-grade average across all other studies is an advantage.

English Language is part of the VCAA English Group and thus is a compulsory component of the VCE. Satisfactory completion of Unit 1 and 2 English Language in accordance with the College's promotion policy is required in order to undertake Unit 3 and 4 English Language.

Additional Documentation

The Study Design for VCE English Language outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

English Language is a part of the VCAA English Group. An English Group Unit 3 and 4 study (English, EAL, English Language, Literature) is a prerequisite for all University courses in Australia.

LITERATURE

VCE Literature provides opportunities for students to develop their awareness of other people, places and cultures and explore the way texts represent the complexity of human experience. Students examine the evolving and dialogic nature of texts, the changing contexts in which they were produced and notions of value. They develop an understanding and appreciation of literature, and an ability to reflect critically on the aesthetic and intellectual aspects of texts. Students consider the power and complexity of language; the ways literary features and techniques contribute to meaning and the significance of form and structure. They develop their capacity to read and interpret texts and reflect on their interpretations and those of others, cultivating an awareness that there are multiple readings of texts and that the nature of language is dynamic. They are encouraged to be independent, innovative and creative, developing the ability to read deeply and widely and to establish and articulate their views creatively and analytically.

Literature Units 1 and 2

Unit 1: Approaches to Literature

In this unit students focus on the ways in which the interaction between text and reader creates meaning. Students' analyses of the features and conventions of texts help them develop discriminating responses to a range of literary forms and styles. Students respond critically, creatively and reflectively to the ideas and concerns of texts and gain insights into how texts function as representations of human experience. They develop familiarity with key terms, concepts and practices. They develop an awareness of how the views and values that readers hold may influence the reading of a text.

Unit 2: Context and Connections

In this unit students explore the ways literary texts connect with each other and with the world. They deepen their examination of the ways their own culture and the cultures represented in texts can influence their interpretations and shape different meanings. Drawing on a range of literary texts, students consider the relationships between authors, audiences and contexts. Ideas, language and structures of different texts from past and present eras and/or cultures are compared and contrasted. Students analyse the similarities and differences across texts and establish connections between them. They engage in close reading of texts and create analytical responses.

Literature Units 3 and 4

Unit 3: Form and Transformation

In this unit students consider how the form of a text affects meaning, and how writers construct their texts. They investigate ways writers adapt and transform texts and how meaning is affected as texts are adapted and transformed. They consider how the perspectives of those adapting texts may inform or influence the adaptations. Students draw on their study of adaptations and transformations to develop creative responses to texts. Students develop their skills in communicating ideas in both written and oral forms.

Unit 4: Interpreting Texts

In this unit students develop critical and analytic responses to texts. They consider the context of their responses to texts as well as the ideas explored in the texts, the style of the language and points of view. They investigate literary criticism informing both the reading and writing of texts. Students develop an informed and sustained interpretation supported by close textual analysis. For the purposes of this unit, literary criticism is characterised by extended, informed and substantiated views on texts and may include reviews, peer-reviewed articles and transcripts of speeches. Specifically, for Unit 4 Outcome 1, the literary criticism selected must reflect different perspectives, assumptions and ideas about the views and values of the text/s studied.

Please note that it is college policy that students undertaking Literature (Units 1-4) must also undertake another study from the English block (Units 1 to 4).

Where can Literature take me?

Literature, taken with other prerequisites, can lead to many careers, including the following:

- Professional writing
- Journalism
- Education
- Law
- Media and communication

What other VCE subjects go well with Literature?

The following VCE studies complement Literature:

- History
- English
- English Language
- Media

More Information

Entry

Entry into Unit 1 and 2 Literature requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy. A high level of achievement in Year 10 English and/or participation in the Lighthouse Program is an advantage.

Literature is part of the VCAA English Group and thus is a compulsory component of the VCE. While completion of Unit 1 and 2 Literature is not essential to undertake Unit 3 and 4 Literature, it is preferred.

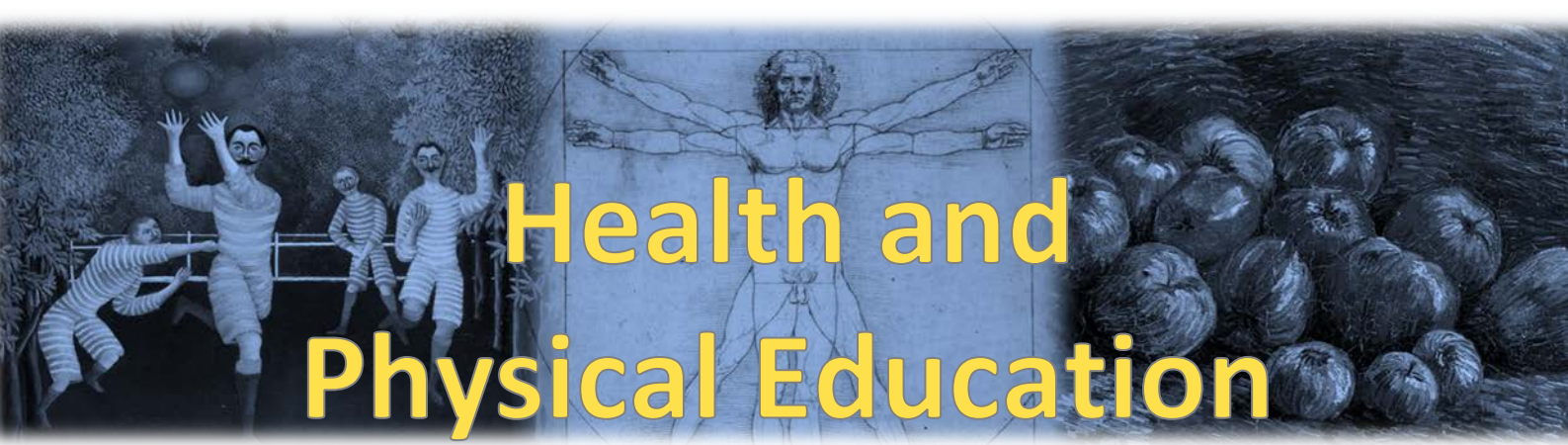
Additional Documentation

The Study Design for VCE Literature outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

Literature is a part of the VCAA English Group. An English Group Unit 3 and 4 study (English, English Language, Literature) is a prerequisite for all University courses in Australia.



Health and Physical Education

- **Health and Human Development**
- **Physical Education**
- **VCE VET: Sport and Recreation**

HEALTH AND HUMAN DEVELOPMENT

VCE Health and Human Development provides students with broad understandings of health and wellbeing that reach far beyond the individual. Students learn how important health and wellbeing is to themselves and to families, communities, nations and global society. Students explore the complex interplay of biological, sociocultural and environmental factors that support and improve health and wellbeing and those that put it at risk.

The study provides opportunities for students to view health and wellbeing, and development, holistically – across the lifespan and the globe, and through a lens of social equity and justice. VCE Health and Human Development is designed to foster health literacy. As individuals and as citizens, students develop their ability to navigate information, to recognise and enact supportive behaviours, and to evaluate healthcare initiatives and interventions. Students take this capacity with them as they leave school and apply their learning in positive and resilient ways through future changes and challenges. VCE Health and Human Development offers students a range of pathways including further formal study in areas such as health promotion, community health research and policy development, humanitarian aid work, allied health practices, education, and the health profession.

Health and Human Development Units 1 and 2

Unit 1: Understanding Health and Wellbeing

This unit considers health and wellbeing as a concept with varied and evolving perspectives and definitions. As a foundation to the understanding of health, students should investigate the World Health Organisation's (WHO) definition and also explore other interpretations. For the purposes of this study, students should consider wellbeing to be an implicit element of health. In this unit students identify personal perspectives and priorities relating to health and wellbeing, and enquire into factors that influence health attitudes, beliefs and practices. Students look at multiple dimensions of health and wellbeing, the complex interplay of influences on health and wellbeing and the indicators used to measure and evaluate health status. With a focus on youth, students consider their own health as individuals and as a cohort. They build health literacy through interpreting and using data, through investigating the role of food, and through extended inquiry into one youth health focus area.

Unit 2: Managing Health and Development

This unit investigates transitions in health and wellbeing, and development, from lifespan and societal perspectives. Students look at changes and expectations that are part of the progression from youth to adulthood. Students enquire into the Australian healthcare system and extend their capacity to access and analyse health information. They investigate the challenges and opportunities presented by digital media and health technologies, and consider issues surrounding the use of health data and access to quality health care.

Health and Human Development Units 3 and 4

Unit 3: Australia's Health in a Globalised World

This unit looks at health, wellbeing and illness as multidimensional, dynamic and subject to different interpretations and contexts. Students begin to explore health and wellbeing as a global concept and to take a broader approach to inquiry. Students examine the fundamental conditions required for health improvement, as stated by the World Health Organization (WHO). They use this as background to their analysis and evaluation of variations in the health status of Australians. Area of Study 2 focuses on health promotion and improvements in population health over time. Students look at various public health approaches and the interdependence of models as they research health improvements and evaluate programs.

Unit 4: Health and Human Development in a Global Context

This unit examines health and wellbeing, and human development in a global context. Students use data to investigate health status and burden of disease in different countries, exploring factors that contribute to health inequalities between and within countries, including the physical, social and economic conditions in which people live. Students build their understanding of health in a global context through examining changes in burden of disease and studying sustainability and human development. They consider the implications of globalisation and trends relating to climate change, digital technologies, world trade and the mass movement of people. Students evaluate the effectiveness of health initiatives and programs.

Where can Health and Human Development take me?

Health and Human Development, taken with other prerequisites, can lead to many careers, including:

- Health sciences
- Nutrition
- Social work
- Education
- Environmental science

What other VCE subjects go well with Health and Human Development?

The following VCE studies complement Health and Human Development

- Physical Education
- Biology
- Psychology
- Food Studies
- Further Mathematics

More Information

Entry

Entry into Unit 1 and 2 VCE Health and Human Development requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy. Completion of the Year 10 Health elective would be an advantage.

Year 11 Health and Human Development is advantageous but not essential for entry to Unit 3 and 4 Health and Human Development.

Additional Documentation

The Study Design for VCE Health and Human Development outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are available on the VCAA website.

Tertiary Prerequisite

VCE Health and Human Development is not a prerequisite for any tertiary course.

PHYSICAL EDUCATION

The study of VCE Physical Education enables students to integrate a contemporary understanding of the theoretical underpinnings of performance and participation in physical activity with practical application. Through engagement in physical activities, VCE Physical Education enables students to develop the knowledge and skills required to critically evaluate influences that affect their own and others' performance and participation in physical activity. This study equips students with the appropriate knowledge and skills to plan, develop and maintain their involvement in physical activity, sport and exercise across their lifespan and to understand the physical, social, emotional and cognitive health benefits associated with being active. The study also prepares students for employment and/or further study at the tertiary level or in vocational education and training settings in fields such as exercise and sport science, health science, education, recreation, sport development and coaching, health promotion and related careers.

Physical Education Units 1 and 2

Unit 1: The Human Body in Motion

In this unit students explore how the musculoskeletal and cardiorespiratory systems work together to produce movement. Through practical activities students explore the relationships between the body systems and physical activity, sport and exercise, and how the systems adapt and adjust to the demands of the activity. Students investigate the role and function of the main structures in each system and how they respond to physical activity, sport and exercise. They explore how the capacity and functioning of each system acts as an enabler or barrier to movement and participation in physical activity. Students evaluate the social, cultural and environmental influences on movement. They consider the implications of the use of legal and illegal practices to improve the performance. They also recommend and implement strategies to minimise the risk of illness or injury to each system.

Unit 2: Physical Activity, Sport and Society

This unit develops students' understanding of physical activity, sport and society from a participatory perspective. Students are introduced to types of physical activity and the role participation in physical activity and sedentary behaviour plays in their own health and wellbeing as well as in other people's lives in different population groups. Through a series of practical activities, students experience and explore different types of physical activity promoted in their own and different population groups. They gain an appreciation of the level of physical activity required for health benefits. Students investigate how participation in physical activity varies across the lifespan. They explore a range of factors that influence and facilitate participation in regular physical activity. They collect data to determine perceived enablers of and barriers to physical activity and the ways in which opportunities for participation in physical activity can be extended in various communities, social, cultural and environmental contexts.

Physical Education Units 3 and 4

Unit 3: Movement Skills and Energy for Physical Activity

This unit introduces students to the biomechanical and skill acquisition principles used to analyse human movement skills and energy production. Students use a variety of tools and techniques to analyse movement skills and apply biomechanical and skill acquisition principles. They use activities to demonstrate how correct application of these can lead to improved performance in physical activity and sport.

Students investigate the relative contribution and interplay of the three energy systems to performance in physical activity, sport and exercise. Students explore the causes of fatigue and different strategies to postpone fatigue and promote recovery.

Unit 4: Training to Improve Performance

In this unit students analyse movement skills from a physiological, psychological and sociocultural perspective, and apply relevant training principles and methods to improve performance within physical activity at an individual, club and elite level. Students analyse skill frequencies, movement patterns, heart rates and work to rest ratios to determine the requirements of an activity. Students consider the physiological, psychological and sociological requirements of training to design an effective training program. Students participate in a variety of training sessions designed to improve fitness and evaluate the effectiveness of training methods.

Where can Physical Education take me?

Physical Education, taken with other prerequisites, can lead to many careers, including:

- Sports science
- Education
- Health sciences
- Sports management
- Outdoor education

What other VCE subjects go well with Physical Education?

The following VCE studies complement Physical Education:

- Biology
- Psychology
- Health and Human Development
- Further Mathematics
- Business Management

More Information

Entry

Entry into Unit 1 and 2 VCE Physical Education requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy. Completion of the Year 10 Advanced Physical Education elective may be an advantage.

Year 11 Physical Education is preferred but not essential for entry to Unit 3 and 4 Physical Education.

Additional Documentation

The Study Design for VCE Physical Education outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Physical Education is not a prerequisite for any tertiary course, but is looked upon favourably by some courses relating to human movement and sports science. Students should check with tertiary institutions to confirm prerequisites.

VCE VET SPORT AND RECREATION

VCE VET Certificate III: This qualification reflects the multi-skilled role of individuals in operational and customer support positions in the sport or community recreation industry. These individuals are competent in a range of activities and functions requiring autonomous work within a defined range of situations and environments.

They work in locations such as fitness centres, sporting grounds or complexes, leisure and aquatic centres and community recreation centres.

It's important to note that there is a large theoretical component to this course and requires regular dedicated study to ensure successful completion.

In Year 12, the Certificate III in Sport and Recreation provides students with the skills and knowledge to work in the Sport and Recreation industry. In Units 1 and 2, students can choose from a range of electives to create a program of their choice, including sport specific activities, conducting events, outdoor recreation or fitness programs. Students undertake a dual VCE VET sequence which provides them with a VET Qualification and the VCE Units 1 and 2 and 3 and 4 sequence. This is a VET study and a fully scored and examined VCE study with a Study Score that contributes directly to the ATAR.

VCE VET Sport and Recreation Units 1 and 2 Certificate II

In Units 1 and 2, students complete a Certificate III in Sport and Recreation: recognition of two or more units at Units 1 and 2 level.

They undertake study in:

- SISXCAI003: Conduct non instructional sport, fitness or recreation sessions
- BSBWOR301: Organise personal work priorities and development
- ICTWEB201: Use social media tools for collaboration and management
- SISXCCS001: Provide Quality Service
- HLTWHS001: Participate in Workplace Health and Safety

VCE VET Sport and Recreation Units 3 and 4 Certificate III

In Units 3 and 4, students who complete a Unit 3 and 4 sequence and will be eligible for an increment towards their ATAR.

They undertake study in:

- BSBWHS303: Participate in WHS Hazard Identification, risk assessment and risk control
- SISSSCO001: Conduct sport coaching with foundation level participants
- SISXCAI004: Plan and conduct programs
- SISXCAI006: Facilitate groups
- SISXRES002: Educate user groups

Where can VCE VET Sport and Recreation take me?

VCE VET Sport and Recreation, taken with other prerequisites, can lead to many careers, including:

- Outdoor Education
- Health sciences
- Sports management
- Education
- Conservation

What other VCE subjects go well with VCE VET Sport and Recreation?

The following VCE studies complement VCE VET Sport and Recreation:

- Physical Education
- Geography
- Health and Human Development

More Information

Entry

Entry into Unit 1 and 2 VCE VET Sport and Recreation requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 VCE VET Sport and Recreation may be advantageous though not required for entry to Unit 3 and 4 VCE VET Sport and Recreation.

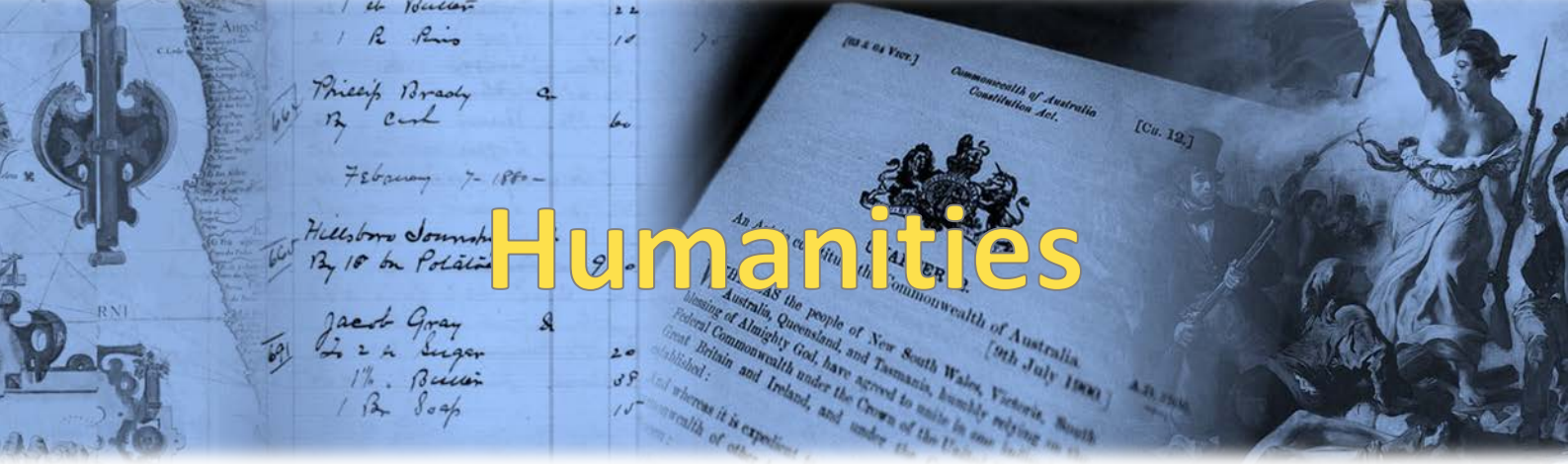
Additional Documentation

The Study Design for VCE VET Sport and Recreation outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE VET Sport and Recreation is not a prerequisite for any tertiary course however completion of the VET Qualification may assist in admission to Sport and Recreation related tertiary studies.



Humanities

- Accounting
- Business Management
- Economics
- Geography
- History
- Legal Studies
- Politics

ACCOUNTING

Accounting involves modelling, forecasting and providing advice to stakeholders through the process of collecting, recording, reporting, analysing and interpreting financial and non-financial data and accounting information. This data and information are communicated to internal and external stakeholders and is used to inform decision-making within the business with a view to improving business performance. Accounting plays an integral role in the successful operation and management of businesses.

VCE Accounting prepares students for a university or TAFE vocational study pathway to commerce, management and accounting, leading to careers in areas such as financial accounting, management accounting, forensic/ investigative accounting, taxation, environmental accounting, management and corporate or personal financial planning.

Accounting Units 1 and 2

Unit 1: Role of Accounting in Business

This unit explores the establishment of a business and the role of accounting in the determination of business success or failure. In this, it considers the importance of accounting information to stakeholders. Students analyse, interpret and evaluate the performance of the business using financial and non-financial information. They use these evaluations to make recommendations regarding the suitability of a business as an investment.

Unit 2: Accounting and Decision-Making for a Trading Business

In this unit students develop their knowledge of the accounting process for sole proprietors operating a trading business, with a focus on inventory, accounts receivable, accounts payable and non-current assets. Students use manual processes and ICT, including spreadsheets, to prepare historical and budgeted accounting reports.

Accounting Units 3 and 4

Unit 3: Financial Accounting for a Trading Business

This unit focuses on financial accounting for a trading business owned by a sole proprietor, and highlights the role of accounting as an information system. Students use the double entry system of recording financial data and prepare reports using the accrual basis of accounting and the perpetual method of inventory recording. Students develop their understanding of the accounting processes for recording and reporting and consider the effect of decisions made on the performance of the business. They interpret reports and information presented in a variety of formats and suggest strategies to the owner to improve the performance of the business.

Unit 4: Recording, Reporting, Budgeting and Decision-Making

In this unit students further develop their understanding of accounting for a trading business owned by a sole proprietor and the role of accounting as an information system. Students use the double entry system of recording financial data, and prepare reports using the accrual basis of accounting and the perpetual method of inventory recording. Both manual methods and ICT are used to record and report.

Where can Accounting take me?

Accounting, taken with other prerequisites, can lead to many careers, including the following:

- Accounting
- Banking and finance
- Administration
- Management

What other VCE subjects go well with Accounting?

The following VCE studies complement Accounting:

- Economics
- Mathematics
- Business Management
- VCE VET Information and Communications Technology

More Information

Entry

Entry into Unit 1 and 2 Accounting requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Accounting is strongly recommended though not required for entry to Unit 3 and 4 Accounting.

Additional Documentation

The Study Design for VCE Accounting outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Accounting is not a prerequisite for many tertiary courses, but is highly desirable for business and commerce courses.

BUSINESS MANAGEMENT

VCE Business Management examines the ways businesses manage resources to achieve objectives. The VCE Business Management study design follows the process from the first idea for a business concept, to planning and establishing a business, through to the day-to-day management of a business. It also considers changes that need to be made to ensure continued success of a business. Students develop an understanding of the complexity of the challenges facing decision makers in managing these resources.

Business Management Units 1 and 2

Unit 1: Planning a Business

Businesses of all sizes are major contributors to the economic and social wellbeing of a nation. Therefore, how businesses are formed and the fostering of conditions under which new business ideas can emerge are vital for a nation's wellbeing. Taking a business idea and planning how to make it a reality are the cornerstones of economic and social development. In this unit students explore the factors affecting business ideas and the internal and external environments within which businesses operate, and the effect of these on planning a business.

Unit 2: Establishing a Business

This unit focuses on the establishment phase of a business's life. Establishing a business involves complying with legal requirements as well as making decisions about how best to establish a system of financial record keeping, staff the business and establish a customer base. In this unit students examine the legal requirements that must be satisfied to establish a business. They investigate the essential features of effective marketing and consider the best way to meet the needs of the business in terms of staffing and financial record keeping. Students analyse various management practices in this area by applying this knowledge to contemporary business case studies from the past four years.

Business Management Units 3 and 4

Unit 3: Managing a Business

In this unit students explore the key processes and issues concerned with managing a business efficiently and effectively to achieve the business objectives. Students examine the different types of businesses and their respective objectives. They consider corporate culture, management styles, management skills and the relationship between each of these. Students investigate strategies to manage both staff and business operations to meet objectives.

Unit 4: Transforming a Business

Businesses are under constant pressure to adapt and change to meet their objectives. In this unit students consider the importance of reviewing key performance indicators to determine current performance and the strategic management necessary to position a business for the future. Students study a theoretical model to undertake change, and consider a variety of strategies to manage change in the most efficient and effective way to improve business performance. They investigate the importance of leadership in change management. Using a contemporary business case study from the past four years, students evaluate business practice against theory.

Where can Business Management take me?

Business Management, taken with other prerequisites, can lead to many careers, including:

- Administration
- Retail management
- Banking and Finance

What other VCE subjects go well with Business Management?

The following VCE studies complement Business Management:

- Further Mathematics
- Accounting
- VCE VET Information and Communications Technology
- Economics

More Information

Entry

Entry into Unit 1 and 2 Business Management requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Business Management is preferred though not required for entry to Unit 3 and 4 Business Management.

Additional Documentation

The Study Design for VCE Business Management outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Business Management is not a prerequisite for any tertiary course.

ECONOMICS

Economics is the study of how individuals and societies use resources to satisfy needs and make decisions. To understand the basis for, and impact of, these decisions require an understanding of basic economic principles and concepts. Students will develop an awareness of the links between economics and the influence of political, ethical, environmental and social forces on economic decision making.

Economics Units 1 and 2

Unit 1: The Behaviour of Consumers and Businesses

In this unit students look at the way economic models and theories have been developed to explain the causes and effects of human action. Fundamental economic concepts are explored and students examine basic economic models where consumers and businesses engage in mutually beneficial transactions. Students also examine how individuals might respond to incentives and how technology has altered the way businesses and consumers interact. In doing so, students are encouraged to investigate contemporary examples to enhance their understanding of key economic concepts. Students then examine several simple microeconomic models to explain changes in prices and quantities traded. Through close examination of key markets, they gain understanding into the factors that affect the way resources are allocated in an economy and how market power can affect efficiency and living standards.

Unit 2: Contemporary Economic Issues

Students focus on the trade-off between the pursuit of growth and the goal of environmental sustainability. They investigate the importance of economic growth in raising living standards and evaluate how achievement of this goal might result in degradation of the environment. Students examine whether the goals of economic growth and environmental sustainability can be compatible and discuss how different policies can impact these goals. Students explore how the benefits of economic growth are shared in an economy and appreciate that efforts to increase economic efficiency might lead to an inequitable distribution of income. They evaluate the role of government intervention in markets and discuss whether achieving greater equality causes a decline in economic growth and living standards. This unit also considers the influence on the world's living standards in terms of decisions made and actions taken in the global economy. Students are encouraged to consider one or more contemporary global issues.

Economics Units 3 and 4

Unit 3: Australia's Economic Prosperity

In this unit students investigate the role of the market in allocating resources and examine the factors that affect the price and quantity traded for a range of goods and services. They develop an understanding of the key measures of efficiency and how markets can result in efficient outcomes. Students consider contemporary issues to explain the need for government intervention and why markets might fail to maximise living standards. This unit also develops students' understanding of the macro economy. Factors that influence the level of aggregate demand and aggregate supply in the economy are investigated and theories are used to explain how changes in these variables might influence the achievement of the Australian Government's domestic macroeconomic goals.

Given Australia's economic prosperity depends largely on strong economic relationships with its major trading partners, students also look at the importance of international economic relationships on Australia's living standards, analysing how international transactions and trade liberalisation might affect external stability.

Unit 4: Managing the Economy

Students develop an understanding of how the Australian Government can alter the composition and level of government outlays and receipts to influence the level of aggregate demand and the achievement of domestic macroeconomic goals. Aggregate demand policies are examined in terms of stabilising the business cycle to achieve these goals. Students examine the role of the Reserve Bank of Australia with a focus on its responsibility to alter the cost and availability of credit in the economy. Students also analyse the effects of the last two Australian Government budgets. Students then consider how the Australian Government utilises aggregate supply policies to manage the Australian economy with a look at the role of both market-based and interventionist approaches to managing the supply side of the economy.

Where can Economics take me?

Economics, taken with other prerequisites, can lead to many careers, including the following:

- Economics
- Journalism
- Banking and finance
- Accounting
- Business analysis

What other VCE subjects go well with Economics?

The following VCE studies complement Economics:

- Accounting
- Mathematics
- Politics
- Business Management
- Legal Studies

More Information

Entry

Entry into Unit 1 and 2 Economics requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Economics is advantageous but not required for entry to Unit 3 and 4 Economics

Additional Documentation

The Study Design for VCE Economics outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Economics is not a prerequisite for many tertiary courses, but is highly desirable for business and commerce courses.

GEOGRAPHY

The study of Geography is a structured way of exploring, analysing and understanding the characteristics of places that make up our world. Geographers are interested in key questions concerning places and geographic phenomena: What is there? Where is it? Why is it there? What are the effects of it being there? How is it changing over time and how could, and should, it change in the future? How is it different from other places and phenomena? How are places and phenomena connected? Students explore these questions through fieldwork and investigation of a wide range of secondary sources. These methods underpin the development of a unique framework for understanding the world, enabling students to appreciate its complexity, the diversity and interactions of its environments, economies and cultures, and the processes that helped form and transform them.

Geography Units 1 and 2

Unit 1: Hazards and Disasters

In this unit students undertake an overview of hazards before investigating two contrasting types of hazards and the responses to them by people. Hazards represent the potential to cause harm to people and or the environment whereas disasters are judgments about the impacts of hazard events. Hazards include a wide range of situations including those within local areas, such as fast-moving traffic or the likelihood of coastal erosion, to regional and global hazards such as drought and infectious disease. Students examine the processes involved with hazards and hazard events, including their causes and impacts, human responses to hazard events and interconnections between human activities and natural phenomena. This unit investigates how people have responded to specific types of hazards, including attempts to reduce vulnerability to, and the impact of, hazard events.

Unit 2: Tourism

The study of tourism at local, regional and global scales emphasises the interconnection within and between places. For example, the interconnections of climate, landforms and culture help determine the characteristics of a place that can prove attractive to tourists. There is an interconnection between places tourists originate from and their destinations through the development of communication and transport infrastructure, employment, together with cultural preservation and acculturation. The growth of tourism at all scales requires careful management to ensure environmentally sustainable and economically viable tourism.

Geography Units 3 and 4

Unit 3: Changing the Land

This unit focuses on two investigations of geographical change: change to land cover and change to land use. Land cover includes biomes such as forest, grassland, tundra and wetlands, as well as land covered by ice and water. Land cover is the natural state of the biophysical environment developed over time as a result of the interconnection between climate, soils, landforms and flora and fauna and, increasingly, interconnections with human activity. Natural land cover has been altered by many processes such as geomorphological events, plant succession and climate change.

Unit 4: Human Population – Trends and Issues

In this unit students investigate the geography of human populations. They explore the patterns of population change, movement and distribution, and how governments, organisations and individuals have responded to those changes in different parts of the world. In this unit, students study population dynamics before undertaking an investigation into two significant population trends arising in different parts of the world. They examine the dynamics of populations and their economic, social, political and environmental impacts on people and places.

Where can Geography take me?

Geography, taken with other prerequisites, can lead to many careers, including the following:

- Planning
- Environmental science
- Sociology
- Geology

What other VCE subjects go well with Geography?

The following VCE studies complement Geography:

- Further Mathematics
- Biology
- History
- Health and Human Development

More Information

Entry

Entry into Unit 1 and 2 Geography requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Geography is preferred though not required for entry to Unit 3 and 4 Geography.

Additional Documentation

The Study Design for VCE Geography outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Geography is not a prerequisite for any tertiary course.

HISTORY

History is a dynamic discipline that involves structured inquiry into the human actions, forces and conditions (social, political, economic, cultural, environmental and technological) that have shaped the past and present. To make meaning of the past, historians use historical sources, which include primary sources and historical interpretations. Historians analyse and evaluate evidence and use this when constructing historical arguments. As historians ask new questions, revise interpretations, or discover new sources, fresh understandings about the past come to light.

Although history deals with the particular – specific individuals and key events – the potential scope of historical inquiry is vast and formed by the questions that historians pursue, the availability of historical sources, and the capacity of historians to interpret those sources. VCE History reflects this by enabling students to explore a variety of eras and periods, events, people, places and ideas.

History 1 and 2: Modern History

Unit 1: Change and Conflict

In this unit students investigate the nature of social, political, economic and cultural change in the later part of the 19th century and the first half of the 20th century. Modern History provides students with an opportunity to explore the significant events, ideas, individuals and movements that shaped the social, political, economic and technological conditions and developments that have defined the modern world. Students focus on the consequences of WWI and explore NAZI Germany and The Holocaust.

Unit 2: The changing world order

In this unit students investigate the nature and impact of the Cold War and challenges and changes to social, political and economic structures and systems of power in the second half of the twentieth century and the first decade of the twenty-first century. Students explore the Cold War tensions between capitalism and communism and look at modern terrorism movements.

History 3 and 4: Revolutions

Unit 3: The French Revolution – Causes and Consequences

Students analyse the long-term causes and short-term triggers of the French Revolution, evaluating how revolutionary outbreaks were caused by the interplay of significant events, ideas, individuals and popular movements and assess how these were directly or indirectly influenced by the social, political, economic and cultural conditions in France in the 18th Century. Students evaluate historical interpretations about the causes of the French Revolution. They then analyse the consequences of the French Revolution and evaluate the extent to which it brought change to France. Students analyse the significant challenges that confronted the new regime. Furthermore, they evaluate the success of the new regime's responses to these challenges and the extent to which the consequences of revolution resulted in social, political, economic and cultural change, progress or decline.

Unit 4: The Russian Revolution – Causes and Consequences

Students commence by analysing the long-term causes and short-term triggers of the Russian Revolution, evaluating how revolutionary outbreaks were caused by the interplay of significant events, ideas, individuals and popular movements and assess how these were directly or indirectly influenced by the social, political, economic and cultural conditions in Russia in the early 20th Century. Students evaluate historical interpretations about the causes of the Russian Revolution. They then analyse the consequences of the Russian Revolution and evaluate the extent to which it brought change to Russia. Students analyse the significant challenges that confronted the Bolshevik regime. Furthermore, they evaluate the success of the new regime's responses to these challenges and the extent to which the consequences of revolution resulted in social, political, economic and cultural change, progress or decline.

Where can History take me?

History, taken with other prerequisites, can lead to many careers, including the following:

- Journalism
- Law
- Education
- Archaeology
- Politics

What other VCE subjects go well with History?

The following VCE studies complement History:

- Literature
- Economics
- Politics
- Legal Studies
- Geography

More Information

Entry

Entry into Unit 1 and 2 History requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 History is preferred though not required for entry to Unit 3 and 4 History.

Additional Documentation

The Study Design for VCE History outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available

Tertiary Prerequisite

VCE History is not a prerequisite for any tertiary course.

LEGAL STUDIES

Legal Studies focusses on the need for legal rules in society to make it viable and safe for everyone. Students learn how laws are made and enforced and develop an appreciation of the significance of law in their lives.

Legal Studies 1 and 2

Unit 1: Guilt and Liability

Criminal law and civil law aim to achieve social cohesion and protect the rights of individuals. Criminal law is aimed at maintaining social order and infringing criminal law can result in charges. Civil law deals with the infringement of a person's or group's rights and breaching civil law can result in litigation. In this unit students develop an understanding of legal foundations, such as the different types and sources of law and the existence of a court hierarchy in Victoria. Students investigate key concepts of criminal law and civil law and apply these to actual and/or hypothetical scenarios to determine whether an accused may be found guilty of a crime, or liable in a civil dispute. In doing so, students develop an appreciation of the way in which legal principles and information are used in making reasoned judgments and conclusions about the culpability of an accused, and the liability of a party in a civil dispute.

Unit 2: Sanctions, Remedies and Rights

Criminal law and civil law aim to protect the rights of individuals. When rights are infringed, a case or dispute may arise which needs to be determined or resolved, and sanctions or remedies may be imposed. This unit focuses on the enforcement of criminal law and civil law, the methods and institutions that may be used to determine a criminal case or resolve a civil dispute, and the purposes and types of sanctions and remedies and their effectiveness. Students undertake a detailed investigation of two criminal cases and two civil cases from the past four years to form a judgment about the ability of sanctions and remedies to achieve the principles of justice. Students develop their understanding of the way rights are protected in Australia and in another country, and possible reforms to the protection of rights. They examine a significant case in relation to the protection of rights in Australia.

Legal Studies 3 and 4

Unit 3: Rights and Justice

The Victorian justice system, which includes the criminal and civil justice systems, aims to protect the rights of individuals and uphold the principles of justice: fairness, equality and access. In this unit students examine the methods and institutions in the justice system and consider their appropriateness in determining criminal cases and resolving civil disputes. Students consider the Magistrates' Court, County Court and Supreme Court within the Victorian court hierarchy, as well as other Victorian legal institutions and bodies available to assist with cases. Students explore matters such as the rights available to an accused and to victims in the criminal justice system, the roles of the judge, jury, legal practitioners and the parties, and the ability of sanctions and remedies to achieve their purposes. Students investigate the extent to which the principles of justice are upheld in the justice system. They discuss recent reforms from the past four years and recommended reforms to enhance the ability of the justice system to achieve the principles of justice. Throughout this unit, students apply legal reasoning and information to actual and/or hypothetical scenarios.

Unit 4: The People and The Law

The study of Australia's laws and legal system involves an understanding of institutions that make and reform our laws, and the relationship between the Australian people, the Australian Constitution and law-making bodies. In this unit, students explore how the Australian Constitution establishes the law-making powers of the Commonwealth and state parliaments, and protects the Australian people through structures that act as a check on parliament in law-making. Students develop an understanding of the significance of the High Court in protecting and interpreting the Australian Constitution. They investigate parliament and the courts, and the relationship between the two in law-making, and consider the roles of the individual, the media and law reform bodies in influencing law reform. Throughout this unit, students apply legal reasoning and information to actual scenarios.

Where can Legal Studies take me?

Legal Studies, taken with other prerequisites, can lead to many careers, including the following:

- Law
- Education
- Journalism
- Social work
- Policing

What other VCE subjects go well with Legal Studies?

The following VCE studies complement Legal Studies:

- Politics
- History
- Economics
- Business Management

More Information

Entry

Entry into Unit 1 and 2 Legal Studies requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Legal Studies is preferred though not required for entry to Unit 3 and 4 Legal Studies.

Additional Documentation

The Study Design for VCE Legal Studies outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Legal Studies is not a prerequisite for any tertiary course.

AUSTRALIAN AND GLOBAL POLITICS

VCE Australian and Global Politics is the study of contemporary power at both national and global levels. Through this study students explore, explain, analyse and evaluate national and global political issues, and events. Australian Politics is the study of how power is gained and exercised. It considers the significant ideas about organising political systems and features of the way politics is practised in Australia. It evaluates Australian democratic practices against particular ideas and principles that include representation, respect for rights, recognition of diversity and freedom of speech. Australian Politics compares Australian democracy with the system of democracy of the United States of America. The study also examines the ways that the national government uses its power to make and implement public policy, and the national stakeholders and international challenges that influence that policy.

Global Politics is the study of the political, social, cultural and economic forces that shape interactions between states and other global actors in the contemporary world. It examines the interconnectedness of the contemporary global political arena and the impact of globalisation on culture, sovereignty, human rights and the environment. It examines the nature and power of key global actors and the types of power used by an Asia-Pacific state to achieve its national interests. It considers global ethical issues including human rights, people movement, development and arms control and explores the nature and effectiveness of global responses to crises such as climate change, armed conflict, terrorism and economic instability.

Australian and Global Politics Units 1 and 2

Unit 1: Ideas, Actors and Power

In this unit students are introduced to the key ideas relating to the exercise of political power. They explore how these ideas shape political systems and in particular the characteristics of liberalism. They consider the nature of power in Australian democracy and in a non-democratic political system. They also explore the nature and influence of key political actors in Australia: political parties, interest groups and the media. All these forms of participation in Australian democracy influence the political agenda. This unit is contemporary in focus and students use examples and case studies from within the last 10 years.

Unit 2: Global Connections

This unit introduces students to the global community and the global actors that are part of this community. In Area of Study 1 students explore the myriad ways lives have been affected by the increased interconnectedness – the global links – of the world through the process of globalisation. In Area of Study 2, students consider the extent to which global actors cooperate and share visions and goals as part of the global community. They investigate the ability of the global community to manage areas of global cooperation and to respond to issues of global conflict and instability. This unit is contemporary in focus and students use examples and case studies from within the last 10 years.

Australian Politics Units 3 and 4

Unit 3: Evaluating Australian Democracy

This unit introduces students to the core principles and operation of the Australian political system. Area of Study 1 focuses on the values and principles that underpin the Australian political system. It introduces the key elements of liberal democracy and representative government and explores how they operate in theory and practice. Area of Study 2 evaluates the Australian liberal democratic system further by comparing it with the political system of the United States of America (USA). Students analyse key aspects of the US political system, including the electoral process, the operation of the legislative branch and the protection of rights and freedoms.

Unit 4: Australian Public Policy

This unit focuses on Australian federal public policy formulation and implementation. Students investigate the complexities the government faces in putting public policy into operation. They examine domestic policy, that which is largely concerned with Australian society and affecting people living in Australia. Students investigate a contemporary Australian domestic policy issue and consider the policy response of the Australian government to that issue. They analyse the major influences on the formulation of the policy and the factors affecting the success of its implementation. Students consider contemporary Australian foreign policy. As it deals with Australia's broad national interests, foreign policy may be less subject to the pressures and interests of competing stakeholders. Students examine the major objectives and instruments of contemporary Australian foreign policy and the key challenges facing contemporary Australian foreign policy.

Where can Politics take me?

Politics, taken with other prerequisites, can lead to many careers, including the following ...

- Politics
- Journalism
- Law
- Economics

What other VCE subjects go well with Politics?

The following VCE studies complement Politics

- Economics
- History
- Legal Studies
- Literature

More Information

Entry

Entry into Unit 1 and 2 Politics requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Australian and Global Politics is preferred though not required for entry to Unit 3 and 4 Australian Politics.

Additional Documentation

The Study Design for VCE Politics outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Australian Politics is not a prerequisite for any tertiary course.



- **VCE VET Certificate III in Applied Languages (Italian)**
- **VCE Unit 3 and 4 Italian**
- **VCE VET Certificate III in Applied Languages (Japanese)**
- **VCE Unit 3 and 4 Japanese**

ITALIAN

The areas of study for Italian comprise themes and topics, grammar, text types, vocabulary and kinds of writing, using the modern standard version of Italian. They are common to all four units of the study. The topics that will be covered are: Historical Perspectives, Lifestyle in Italy and Abroad, The World of Work, The Arts and Entertainment and Social and contemporary issues. Reading, writing, speaking and listening to Italian are the four main areas of skill development.

Please note: in Year 11, students will complete the Certificate III in VET Applied Languages, which is equivalent to VCE Units 1 and 2. In Year 12, students undertaking Italian will complete VCE Units 3 and 4 Italian.

VCE VET Applied Languages: Italian Units 1 and 2

Units 1 and 2: VET Applied Languages Certificate III (Italian)

This course focuses on developing all five language skills (reading, writing, listening, viewing and speaking) in Italian through interpersonal communication, aural and written comprehension tasks and presentation of information and opinions in different workplaces, such as a travel agency. Students will develop their oral and written skills in imaginary scenarios that requires them to address issues, negotiate, acknowledge complaints, give instructions, narrate and describe events. Students need to demonstrate knowledge of cultural and social Italian conventions such as body language and gestures when communicating in a formal or informal settings. To successfully complete the set tasks, students will gain understanding of more complex grammar such as imperfect tense and object pronouns. Set topics will be based on the units which students are required to complete in order to obtain the Certificate III in Applied Languages (Italian).

In Year 11, students will complete Certificate III in Applied Languages (Italian). These units with related assessment tasks and topics are detailed below.

CALOCS301 Conduct routine oral communication for social purposes in a language other than English	Assessment Tasks: <ul style="list-style-type: none"> • Role plays related to planning outing and social events Topics: <ul style="list-style-type: none"> • Planning social events
CALOCW302 Conduct routine workplace oral communication in a language other than English	Assessment Tasks: <ul style="list-style-type: none"> • Role plays related to employment and discussing work- related matters Topics: <ul style="list-style-type: none"> • The workplace
CALRWS303 Read and write routine texts for social purposes in a language other than English	Assessment Tasks: <ul style="list-style-type: none"> • Email with friend about work placement • A personal blog - volunteer work Topics: <ul style="list-style-type: none"> • Tourism, the workplace
CALRW304 Read and write routine workplace texts in a language other than English	Assessment Tasks: <ul style="list-style-type: none"> • Reading and writing official documents, letters, complaint emails, brochure Topics: <ul style="list-style-type: none"> • Tourism, the workplace

Italian VCE Units 3 and 4

Unit 3

This course focusses on further developing all five language skills (reading, writing, listening, viewing and speaking) in Italian through interpersonal communication, aural and written comprehension, and presentation of information and opinions about self and the world. Emphasis is placed on the oral component and written component of the VCE Italian Exam. Completion of the outcomes below, also assist with proficiency:

- Social and contemporary issues
- Personal worlds
- Arts and entertainment

Unit 4

The aim in this unit is for students to gain more knowledge and understanding of different topics. By doing that, students may enrich their vocabulary and use of complex grammatical structures in Italian both in written and oral tasks. One of the main focus areas will be the oral component to ensure that students improve their confidence and pronunciation when speaking in Italian about a variety of subject matters. Students will also explore the following topics:

- Made in Italy
- Italian Migration
- Historical perspectives with a focus on the Italian language and dialects

Where can Italian take me?

Italian, taken with other prerequisites, can lead to many careers, including the following:

- Languages
- International commerce
- Politics and diplomacy
- Education

What other VCE subjects go well with Italian?

The following VCE studies complement Italian:

- History
- Geography
- English Language
- Psychology

More Information

Entry

Entry into Unit 1 and 2 VCE VET Italian requires the satisfactory completion of two modules of the VET Applied Languages (Italian) Certificate II undertaken in Year 10 Italian in accordance with the College's Promotion Policy.

Year 11 Italian is **required** for entry to VCE Unit 3 and 4 Italian.

Additional Documentation

The Study Design for VCE Italian outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Italian is not a prerequisite for any tertiary course.

JAPANESE

The areas of study for Japanese comprise themes and topics, grammar, text types, vocabulary and kinds of writing, using the modern standard version of Japanese. Some dialect variations in pronunciation and accent are acceptable. They are common to all four units of the study. Hiragana and Katakana syllabaries and a prescribed number of Kanji (Chinese characters) will be studied. The topics that will be covered are: Historical Perspectives, Lifestyle in Japan and Abroad, The World of Work, The Arts and Entertainment and Social and contemporary issues. Reading, writing, speaking and listening to Japanese are the four main areas of skill development.

Please note that in Year 11, students will complete the Certificate III in VET Applied Languages: Japanese, which is equivalent to VCE Units 1 and 2. In Year 12, students undertaking Japanese will complete VCE Units 3 and 4 Japanese.

VCE VET Applied Languages: Japanese Units 1 and 2

Units 1 and 2 - VET Applied Languages Certificate III (Japanese)

This course focuses on developing all five skills (reading, writing, listening, viewing and speaking) in Japanese. The topics will be used to demonstrate achievement of the outcomes listed below. This will involve completion of grammar, vocabulary, understanding and use of different text types, listening, speaking, reading and writing. Students will develop their oral and written skills in imaginary scenarios that requires them to address issues, negotiate, acknowledge complaints, give instructions, narrate and describe events. Students need to demonstrate knowledge of cultural and social Italian conventions such as body language and gestures when communicating in a formal or informal settings.

In Year 11, students will complete Certificate III in Applied Languages. These two units with related assessment tasks and topics are detailed below.

CALOCS301 Conduct routine oral communication for social purposes in a language other than English	Assessment Tasks: <ul style="list-style-type: none"> • Role plays related to planning outing and social events Topics: <ul style="list-style-type: none"> • Planning social events
CALOCW302 Conduct routine workplace oral communication in a language other than English	Assessment Tasks: <ul style="list-style-type: none"> • Role plays related to employment and discussing work- related matters Topics: <ul style="list-style-type: none"> • The workplace
CALRWS303 Read and write routine texts for social purposes in a language other than English	Assessment Tasks: <ul style="list-style-type: none"> • Email with friend about work placement • A tourist blog and sightseeing suggestions Topics: <ul style="list-style-type: none"> • Tourism, the workplace
CALRW304 Read and write routine workplace texts in a language other than English	Assessment Tasks: <ul style="list-style-type: none"> • Reading and writing official documents, letters, complaint emails, posters Topics: <ul style="list-style-type: none"> • Tourism, the workplace

Japanese VCE Units 3 and 4

Unit 3

This course focusses on further developing all five language skills (reading, writing, listening, viewing and speaking) in Japanese through interpersonal communication, aural and written comprehension, and presentation of information and opinions about self and the world.

Emphasis is placed on the oral component and written component of the VCE Japanese Exam. Completion of the outcomes below, also assist with proficiency:

- Social and contemporary issues
- Personal worlds
- Health and leisure
- Arts and entertainment

Unit 4

This unit focusses on developing the skills in reading, writing, listening and speaking in Japanese. The main emphasis is preparation for the written examination. Completion of the outcomes below also aide in this development:

- Education and aspirations
- The world of work
- Lifestyle in Japan and abroad
- Historical perspectives

Where can Japanese take me?

Japanese, taken with other prerequisites, can lead to many careers, including the following:

- Languages
- International commerce
- Politics and diplomacy
- Education
- Social work

What other VCE subjects go well with Japanese?

The following VCE studies complement Japanese:

- History
- Geography
- English Language
- Psychology
- Drama

More Information

Entry

Entry into Unit 1 and 2 VCE VET Japanese requires the satisfactory completion of two modules of the VET Applied Languages (Japanese) Certificate III modules undertaken in Year 10 Japanese Italian in accordance with the College's Promotion Policy.

Year 11 Japanese is **required** for entry to VCE Unit 3 and 4 Japanese.

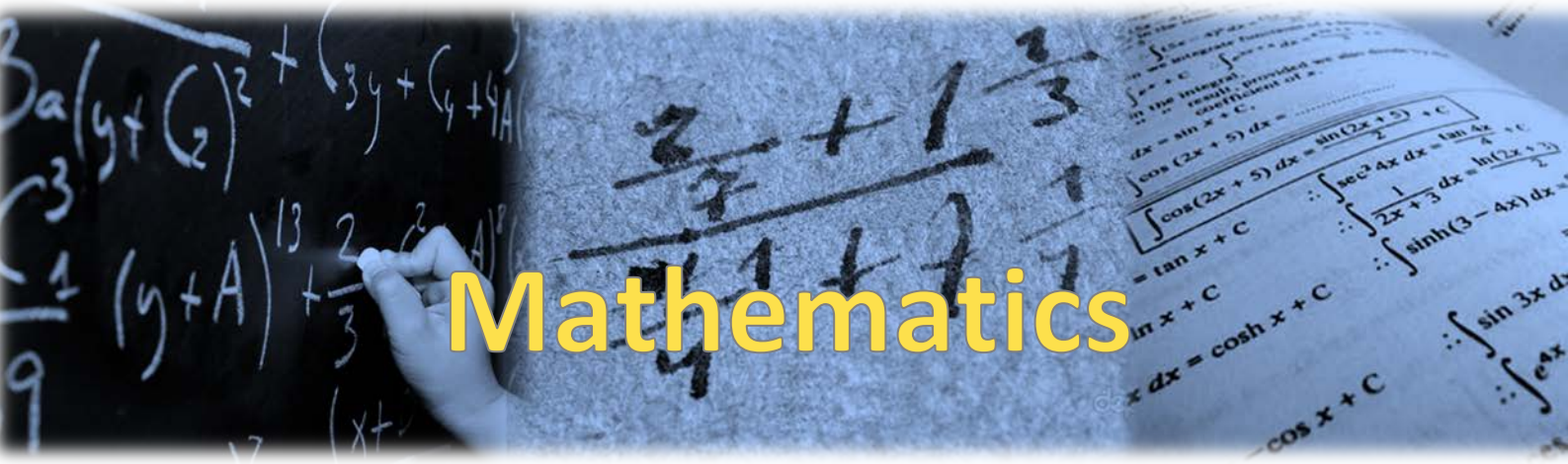
Additional Documentation

The Study Design for VCE Japanese outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Japanese is not a prerequisite for any tertiary course.



Mathematics

- **General Mathematics**
- **Further Mathematics**
- **Mathematical Methods**
- **Specialist Mathematics**

GENERAL MATHEMATICS/ FURTHER MATHEMATICS

General Mathematics (Further Mathematics in Year 12) is a widely accessible area of study intended for those students wishing to continue Mathematics in Year 11 and 12 and to assist with entry into many general tertiary education courses. The topics covered are almost entirely areas of Mathematics with significant applications in a wide range of careers. Skills in using the CAS calculator will be an important element of all units studied, together with consolidation of the basic mathematical skills required to further the students' knowledge in each part of the course. Further Mathematics assumes the knowledge and skills covered in General Mathematics Unit 1 and 2. Both courses assume that students have access to CAS calculators and exams are written accordingly. To successfully complete each unit, students must show a Satisfactory understanding of all 3 outcomes in their SACs– Skills, Applications and use of Technology.

General Mathematics Units 1 and 2

General Mathematics Units 1 and 2 focus on a range of courses of study involving non-calculus-based topics for a broad range of students and the course is designed to reflect student interests in, and applications of, mathematics. They incorporate topics that provide preparation for various combinations of studies at Units 3 and 4 and cover assumed knowledge and skills for those units.

Unit 1

Key Topic Areas:

- Arithmetic and Number
 - Computational and Practical Arithmetic
 - Linear Graphs and Models
- Discrete Mathematics
 - Matrices
 - Number Pattern and Recursion
- Statistics
 - Investigating and Comparing Data Distribution

Unit 2

Key Topic Areas:

- Discrete Mathematics
 - Graphs and Networks
- Statistics
 - Investigating Relationships Between Two Numerical Variables
- Geometry, Measurement and Trigonometry
 - Shape and Measurement
 - Applications of Trigonometry

Further Mathematics Units 3 and 4

Further Mathematics Units 3 and 4 focuses on the study of mathematics used in a range of practical contexts related to the compulsory core area of study of 'Data Analysis' and 'Recursion and Financial Modelling' in Unit 3.

In Unit 4, students complete Networks and Matrices.

Where can Further Mathematics take me?

Further Mathematics, taken with other prerequisites, can lead to many careers, including:

- Finance
- Education
- Accounting
- Health Sciences and Sports Sciences
- Administration

What other VCE subjects go well with Further Mathematics?

The following VCE studies complement Further Mathematics:

- Accounting
- Business Management
- Psychology
- Physical Education
- Mathematical Methods

More Information

Entry

Entry into Unit 1 and 2 VCE General Mathematics requires the satisfactory completion of Year 10 core mathematics, either Year 10 Mathematics (General) or Year 10 Mathematics (Methods), and the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Year 11 General Mathematics or Year 11 Mathematical Methods is **required** for entry to Unit 3 and 4 Further Mathematics.

Additional Documentation

The Study Design for VCE Further Mathematics outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Further Mathematics is a prerequisite for many tertiary courses, including ones as diverse as Education, Commerce and Health Sciences. Students should check with tertiary institutions to confirm prerequisites.

MATHEMATICAL METHODS

Mathematical Methods is a challenging mathematics course that aims to further a student's knowledge and understanding of mathematical concepts and applications within key topic areas. Areas of focus include Algebra, Functions and Graphs, Probability and Statistics and Calculus. While relevant mental and by-hand approaches to estimation and computation are a focus throughout the study of Mathematical Methods, extensive use will be made of the Casio CAS calculator. Any student seeking to undertake Mathematical Methods in Year 11 should have demonstrated a consistently strong mathematics background, particularly in Algebra, and should ideally have achieved at least a grade of C+ in Year 10 Mathematics (Methods). Students who wish to undertake Year 12 Mathematical Methods should have successfully completed (above a C+ average) Year 11 Mathematical Methods.

Mathematical Methods Units 1 and 2

Unit 1

Areas of Study:

- Algebra, including Matrix Algebra
- Functions and Graphs
- Coordinate Geometry and Linear Graphs
- Functions and Relations
- Graphs and Polynomials

Unit 2

Areas of Study:

- Functions and Graphs
- Circular Functions
- Exponential and Logarithmic Functions
- Calculus
- Probability and Statistics

Mathematical Methods Units 3 and 4

Unit 3

Area of Study

- Algebra
- Functions and Graphs
- Calculus

Unit 4

Area of Study

- Calculus
- Statistics and Probability

Where can Mathematical Methods take me?

Mathematical Methods, taken with other prerequisites, can lead to many careers, including:

- Medicine
- Engineering
- Dentistry
- Veterinary Science

What other VCE subjects go well with Mathematical Methods?

The following VCE studies complement Mathematical Methods:

- Physics
- Chemistry
- Further Mathematics
- Specialist Mathematics

More Information

Entry

Entry into Unit 1 and 2 VCE Mathematical Methods requires a level of achievement of higher than C+ in Year 10 Mathematics (Methods), and the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Year 11 Mathematical Methods is **required** for entry to Unit 3 and 4 Mathematical Methods.

Additional Documentation

The Study Design for VCE Mathematical Methods outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Mathematical Methods is a prerequisite for many tertiary courses, including medical sciences such as Medicine and Veterinary Science and the full spectrum of Engineering Courses. Due to its demanding nature, Mathematical Methods is increasingly a prerequisite for non-science related courses. Students should check with tertiary institutions to confirm prerequisites.

SPECIALIST MATHEMATICS

As an advanced and challenging course, Specialist Mathematics aims to provide students with a sound knowledge base to further their studies in mathematics or mathematics related fields within the Higher Education Sector. Topic areas covered throughout Specialist Mathematics include Functions and Graphs, Algebra, Calculus, Vectors, Mechanics and Probability. Emphasis is placed on the key concepts, skills and processes within these areas and how they relate to mathematical structure, modelling, problem solving and reasoning. Concurrent enrolment in, or previous completion of, Mathematical Methods Units 3 and 4 is essential. It is also advised that all students who wish to undertake Year 12 Specialist Mathematics have demonstrated a high level of achievement in Year 11 Specialist Mathematics and Year 11 Mathematical Methods.

Specialist Mathematics Units 1 and 2

Unit 1

Key Topic Areas:

- Sequences and Series
- Circle Geometry and Mensuration
- Applied Trigonometry
- Proof, Similarity and Congruence
- Matrices

Unit 2

Key Topic Areas:

- Complex Numbers
- Mechanics: Statics and Dynamics
- Kinematics
- Circular Functions and Identities
- Statistics

Specialist Mathematics Units 3 and 4

Unit 3

Areas of Study

- Functions and Graphs
 - Coordinate Geometry, Functions and Relations
 - Circular Functions and Identities
- Vector Algebra
- Complex Number Algebra

Unit 4

Areas of Study

- Calculus
 - Calculus Methods
 - Calculus Applications
 - Kinematics
- Vector Calculus
- Statistics and Probability

Where can Specialist Mathematics take me?

Specialist Mathematics, taken with other prerequisites, can lead to many careers, including:

- Engineering
- Aeronautics
- Medical Sciences
- Science
- Education
- Astronomy

What other VCE subjects go well with Specialist Mathematics?

The following VCE studies complement Specialist Mathematics:

- Mathematical Methods
- Physics
- Chemistry
- Biology
- Systems Engineering

More Information

Entry

Entry into Unit 1 and 2 VCE Specialist Mathematics requires a very high level of achievement in Year 10 Mathematics (Methods), and the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Successful completion Year 11 Specialist Mathematics or Mathematical Methods is **required** for entry to Unit 3 and 4 Specialist Mathematics. Year 11 Specialist Mathematics is strongly recommended.

Students undertaking Unit 3 and 4 Specialist Mathematics are **required** to undertake or to have undertaken Mathematical Methods as a corequisite study. Physics is also recommended as a part of Specialist Mathematics student's program.

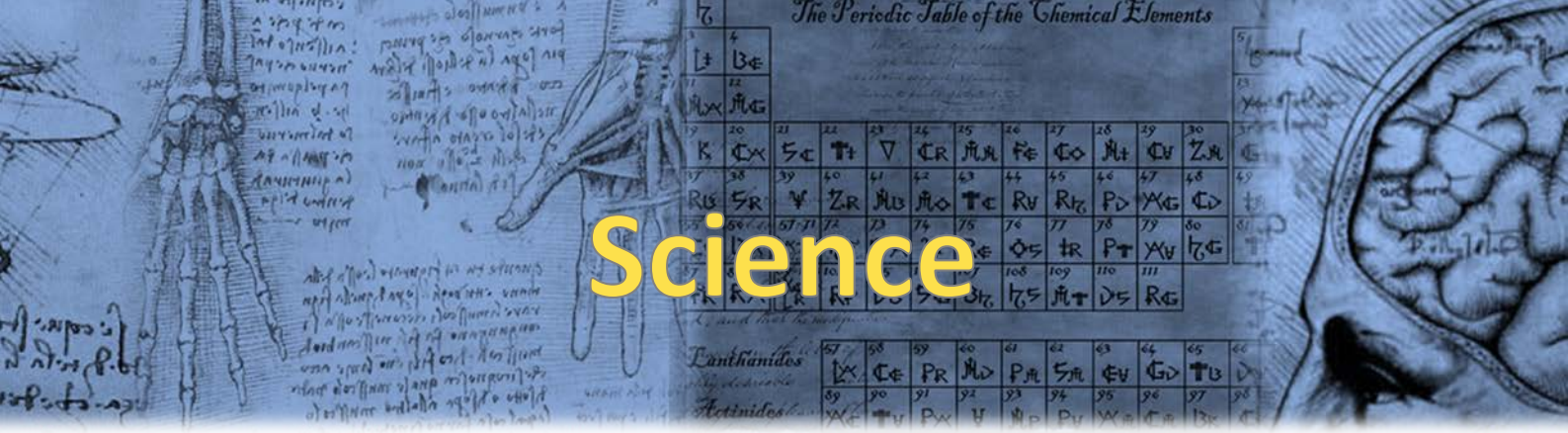
Additional Documentation

The Study Design for VCE Specialist Mathematics outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Specialist Mathematics is not a prerequisite for any tertiary course. However, many courses look favourably upon its presence in a student's program. Also, many engineering courses assume knowledge of Specialist Mathematics.



- **Biology**
- **Chemistry**
- **Physics**
- **Psychology**

BIOLOGY

The study of Biology explores the diversity of life as it has evolved and changed over time, and considers how living organisms function and interact. It explores the processes of life, from the molecular world of the cell to that of the whole organism, and examines how life forms maintain and ensure their continuity. Students study contemporary research, models and theories to understand how knowledge in biology has developed and how this knowledge continues to change in response to new evidence and discoveries. An understanding of the complexities and diversity of biology provides students with the opportunity to appreciate the interconnectedness of concepts and areas both within biology, and across biology and the other sciences.

Biology Units 1 and 2

Unit 1: How do Organisms Regulate their functions?

In this unit students examine the cell as the structural and functional unit of life, from the single celled to the multicellular organism, including the requirements for sustaining cellular processes. Students focus on cell growth, replacement and death and the role of stem cells in differentiation, specialisation and renewal of cells. They explore how systems function through cell specialisation in vascular plants and animals, and consider the role homeostatic mechanisms play in maintaining an animal's internal environment.

Unit 2: How does Inheritance Impact on Diversity?

In this unit students explore reproduction and the transmission of biological information from generation to generation and the impact this has on species diversity. They apply their understanding of chromosomes to explain the process of meiosis. Students consider how the relationship between genes, and the environment and epigenetic factors influence phenotypic expression. They explain the inheritance of characteristics, analyse patterns of inheritance, interpret pedigree charts and predict outcomes of genetic crosses.

Biology Units 3 and 4

Unit 3: Cell Biology - How do Cells Maintain Life?

In this unit students investigate the workings of the cell from several perspectives. They explore the relationship between nucleic acids and proteins as key molecules in cellular processes. Students analyse the structure and function of nucleic acids as information molecules, gene structure and expression in prokaryotic and eukaryotic cells and proteins as a diverse group of functional molecules. They examine the biological consequences of manipulating the DNA molecule and applying biotechnologies.

Students explore the structure, regulation and rate of biochemical pathways, with reference to photosynthesis and cellular respiration. They explore how the application of biotechnologies to biochemical pathways could lead to improvements in agricultural practices.

Unit 4: Change Over Time - How does Life Change and Respond to Challenges Over Time?

In this unit students consider the continual change and challenges to which life on Earth has been, and continues to be, subjected to. They study the human immune system and the interactions between its components to provide immunity to a specific pathogen. Students consider how the application of biological knowledge can be used to respond to bioethical issues and challenges related to disease.

Students consider how evolutionary biology is based on the accumulation of evidence over time. They investigate the impact of various change events on a population's gene pool and the biological consequences of changes in allele frequencies. Students examine the evidence for relatedness between species and change in life forms over time using evidence from palaeontology, structural morphology, molecular homology and comparative genomics. Students examine the evidence for structural trends in the human fossil record, recognising that interpretations can be contested, refined or replaced when challenged by new evidence.

Where can Biology take me?

Biology, taken with other prerequisites, can lead to many careers, including the following:

- Biomedical science
- Biological science
- Health sciences
- Environmental science
- Education
- Research

What other VCE subjects go well with Biology?

The following VCE studies complement Biology:

- Chemistry
- Further Mathematics and/or Mathematical Methods
- Physical Education
- Psychology
- Health and Human Development

More Information

Entry

Entry into Unit 1 and 2 Biology requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Biology is preferred but not essential in order to undertake Unit 3 and 4 Biology.

Additional Documentation

The Study Design for VCE Biology outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

Biology can be a prerequisite for a number of courses in the biological and health sciences. VCE Biology is counted as a middle band study for many courses related to biomedical, biological and health sciences and often provides a bonus ATAR point or points when present in a student's VCE.

CHEMISTRY

The study of VCE Chemistry involves investigating and analysing the composition and behaviour of matter, and the chemical processes involved in producing useful materials for society in ways that minimise adverse effects on human health and the environment. Chemistry underpins the generation of energy for use in homes and industry, the maintenance of clean air and water, the production of food, medicines and new materials, and the treatment of wastes.

In undertaking this study, students apply chemical principles to explain and quantify the behaviour of matter, as well as undertake practical activities that involve the analysis and synthesis of a variety of materials. In doing so, students develop and enhance a range of inquiry skills, such as practical experimentation, research and analytical skills, problem-solving skills and communication skills. Students apply chemical knowledge, scientific skills, and critical and creative thinking to investigate and analyse contemporary chemistry-related issues and communicate their views from an informed position. VCE Chemistry provides for continuing study pathways and can lead to a range of careers in many fields including agriculture, dentistry, dietetics, education, engineering, forensic science and many more.

Chemistry Units 1 and 2

Unit 1: How can the Diversity of Materials be Explained?

Students investigate the chemical structures and properties of a range of materials and consider how manufacturing innovations lead to more sustainable products being produced for society through the use of renewable raw materials. Students conduct practical investigations involving areas such as the reactivity series of metals, separation of mixtures by chromatography and use of precipitation reactions. Students use chemistry terminology to represent and explain observations and data from their own investigations and to evaluate the claims of others. A student-directed research investigation is conducted into the sustainable production or use of a selected material.

Unit 2: How do Chemical Reactions Shape the Natural World?

Students analyse and compare different substances dissolved in water and the gases that may be produced in chemical reactions. They explore applications of acid-base and redox reactions in society. Students conduct practical investigations involving the specific heat capacity of water, acid-base and redox reactions, solubility and the molar volume of a gas. Students use chemistry terminology to represent and explain observations and data from their own investigations and to evaluate the chemistry-based claims of others. Students conduct a scientific investigation into the production of gases, acid-base or redox reactions, or the analysis of substances in water.

Chemistry Units 3 and 4

Unit 3: How Can Chemical Processes be Designed to Optimise Efficiency?

The global demand for energy and materials is increasing with world population growth. In this unit students explore energy options and the chemical production of materials with reference to efficiencies, renewability and the minimisation of their impact on the environment. They learn about chemical energy sources, including fossil fuels, biofuels, galvanic cells and fuel cells. Students investigate the purpose, design and operating principles of galvanic cells and electrolytic cells and compare them.

Unit 4: How are Organic Compounds Categorised, Analysed and Used?

The carbon atom has unique characteristics that explain the diversity and number of organic compounds that not only constitute living tissues but are also found in the fuels, foods, medicines and many of the materials we use in everyday life. In this unit students investigate the structural features, bonding, typical reactions and uses of the major families of organic compounds including those found in food. Students learn the naming systems for organic molecules, as well as using data to deduce structures of unknown molecules.

Where can Chemistry take me?

Chemistry, taken with other prerequisites, can lead to many careers, including the following:

- Pharmacy
- Biomedical sciences
- Engineering
- Medicine
- Education

What other VCE subjects go well with Chemistry?

The following VCE studies complement Chemistry:

- Physics
- Mathematical Methods
- Biology
- Specialist Mathematics
- Psychology

More Information

Entry

Entry into Unit 1 and 2 Chemistry requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy. A high level of achievement in Year 10 Science and Mathematics is an advantage.

Unit 1 and 2 Chemistry is strongly recommended in order to undertake Unit 3 and 4 Chemistry.

Additional Documentation

The Study Design for VCE Chemistry outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

Chemistry is a prerequisite for a wide range of tertiary courses, including Engineering, Pharmacy, Medicine and Biological Sciences. Students should check with tertiary institutions to confirm prerequisites.

PHYSICS

VCE Physics enables students to use observations, experiments, measurements and mathematical analysis to develop qualitative and quantitative explanations for phenomena occurring from the subatomic scale to macroscopic scales. Conceptual understanding is developed as students study topics including light, atomic physics, radiation, thermal physics, electricity, fields, mechanics, quantum physics and the nature of energy and matter. They explore the big ideas that changed the course of thinking in physics such as relativity and quantum physics. They undertake practical activities and apply physics principles to explain and quantify phenomena. Students develop and extend a range of scientific inquiry skills including practical experimentation, research and analytical skills, problem-solving skills including critical and creative thinking and communication skills. VCE Physics provides for continuing study pathways within the discipline and can lead to a range of careers including acoustics, astrophysics communications, pyrotechnics and radiography.

Physics Units 1 and 2

Unit 1: How is Energy useful to Society?

In this unit students examine some of the fundamental ideas and models used by physicists in an attempt to understand and explain energy. Models used to understand light, thermal energy, radioactivity, nuclear processes and electricity are explored. Students apply these physics ideas to contemporary societal issues: communication, climate change and global warming, medical treatment, electrical home safety and Australian energy needs.

Unit 2: How does Physics Help us to Understand the World?

In this unit students explore the power of experiments in developing models and theories. They investigate a variety of phenomena by making their own observations and generating questions, which in turn lead to experiments. Students investigate the ways in which forces are involved both in moving objects and in keeping objects stationary and apply these concepts to a chosen case study of motion. This enables students to pursue an area of interest through an investigation, using physics to justify a stance, response or solution to a contemporary societal issue or application related to the option they choose. A student-adapted or student-designed scientific investigation is also undertaken.

Physics Units 3 and 4

Unit 3: How do Fields Explain Motion and Electricity?

In this unit students explore the importance of energy in explaining and describing the physical world. They examine the production of electricity and its delivery to homes. Students consider the field model as a construct that has enabled an understanding of why objects move when they are not apparently in contact with other objects. They consider how developing technologies can challenge existing explanations of the physical world, requiring a review of conceptual models and theories.

Unit 4: How Can Two Contradictory Models Explain Both Light and Matter?

In this unit, students explore the use of wave and particle theories to model the properties of light and matter. They examine how the concept of the wave is used to explain the nature of light and explore its limitations in describing light behaviour. Students further investigate light by using a particle model to explain its behaviour. Students learn to think beyond the concepts experienced in everyday life. A student-designed practical investigation related to key topic areas is undertaken and the findings of the investigation are presented in a scientific poster format.

Where can Physics take me?

Physics, taken with other prerequisites, can lead to many careers, including the following:

- Engineering
- Architecture
- Industrial design
- Science
- Aeronautics

What other VCE subjects go well with Physics?

The following VCE studies complement Physics:

- Mathematical Methods
- Chemistry
- Specialist Mathematics
- Systems Engineering

More Information

Entry

Entry into Unit 1 and 2 Physics requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy. A high level of achievement in Year 10 Science and Mathematics is an advantage.

Unit 1 and 2 Physics is strongly recommended in order to undertake Unit 3 and 4 Physics.

Additional Documentation

The Study Design for VCE Physics outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

Physics is a prerequisite for a wide range of tertiary courses, including Engineering, Aeronautics and Science studies. Students should check with tertiary institutions to confirm prerequisites.

PSYCHOLOGY

VCE Psychology enables students to explore how people think, feel and behave through the use of a biopsychosocial approach. As a scientific model, this approach considers biological, psychological and social factors and their complex interactions in the understanding of psychological phenomena. The study explores the connection between the brain and behaviour by focusing on several key interrelated aspects of the discipline: the interplay between genetics and environment, individual differences and group dynamics, sensory perception and awareness, memory and learning, and mental health. Students examine classical and contemporary research and the use of imaging technologies, models and theories to understand how knowledge in psychology has evolved and continues to evolve in response to new evidence and discoveries. An understanding of the complexities and diversity of psychology leads students to appreciate the interconnectedness between different content areas both within psychology, and across psychology and the other sciences.

Psychology Units 1 and 2

Unit 1: How are Behaviour and Mental Processes Shaped?

Students examine the complex nature of psychological development, including situations where psychological development may not occur as expected. Students examine the contribution that classical and contemporary knowledge from Western and non-Western societies, including Aboriginal and Torres Strait Islander peoples, has made to an understanding of psychological development and to the development of psychological models and theories used to predict and explain the development of thoughts, emotions and behaviours. They investigate the structure and functioning of the human brain and the role it plays in mental processes and behaviour and explore brain plasticity and the influence that brain damage may have on a person's psychological functioning. A student-directed research investigation into contemporary psychological research is also undertaken.

Unit 2: How do Internal and External Factors Influence Behaviour and Mental Processes?

Students evaluate the role social cognition plays in a person's attitudes, perception of themselves and relationships with others. Students explore a variety of factors and contexts that can influence the behaviour of individuals and groups, recognising that different cultural groups have different experiences and values. Students are encouraged to consider Aboriginal and Torres Strait Islander people's experiences within Australian society and how these experiences may affect psychological functioning. Students examine the contribution that classical and contemporary research has made to the understandings of human perception and why individuals and groups behave in specific ways. Students investigate how perception of stimuli enables a person to interact with the world around them and how their perception of stimuli can be distorted. A student-adapted or student-designed scientific investigation is also undertaken.

Psychology Units 3 and 4

Unit 3: How does Experience Affect Behaviour and Mental Processes?

Students investigate the contribution that research has made to the understanding of the functioning of the nervous system and to the understanding of factors that influence learning and memory. Students investigate how the human nervous system enables a person to interact with the world around them. They also explore how stress may affect a person's psychological functioning. Students investigate how mechanisms of learning and memory lead to the acquisition of knowledge and the development of new and changed behaviours.

The use of mnemonics to improve memory is explored, including Aboriginal and Torres Strait Islander peoples' use of place as a repository of memory. A student-designed scientific investigation involving the generation of primary data related to mental processes and psychological functioning is also undertaken.

Unit 4: How is Mental Wellbeing Supported and Maintained?

Students explore the demand for sleep and the influences of sleep on mental wellbeing. They consider the biological mechanisms that regulate sleep across the life span. They also study the impact that changes to a person's sleep-wake cycle and sleep hygiene have on a person's psychological functioning. Students consider ways in which mental wellbeing may be defined and conceptualized. They explore how mental wellbeing can be supported by considering the importance of biopsychosocial protective factors and cultural determinants as integral to the wellbeing of Aboriginal and Torres Strait Islander peoples. A student-designed scientific investigation involving the generation of primary data related to mental processes and mental wellbeing is also undertaken.

Where can Psychology take me?

Psychology, taken with other prerequisites, can lead to many careers, including the following:

- Psychology
- Health sciences
- Social work
- Education
- Counselling

What other VCE subjects go well with Psychology?

The following VCE studies complement Psychology:

- Biology
- Further Mathematics
- Health and Human Development
- Physical Education

More Information

Entry

Entry into Unit 1 and 2 Psychology requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy. Unit 1 and 2 Psychology is preferred but not essential to be able to undertake Unit 3 and 4 Psychology.

Additional Documentation

The Study Design for VCE Psychology outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

Psychology is not a prerequisite subject for many tertiary courses, but may be advantageous when undertaking a related course of study.



- Food Studies
- VCE VET Information and Communications Technology
- Product Design and Technology
- Systems Engineering

FOOD STUDIES

VCE Food Studies takes an interdisciplinary approach to the exploration of food, with an emphasis on extending food knowledge and skills, and building individual pathways to health and wellbeing through the application of practical food skills. VCE Food Studies provides a framework for informed and confident food selection and food preparation within today's complex architecture of influences and choices.

Students explore food from a wide range of perspectives. They study past and present patterns of eating, Australian and global food production systems, and the many physical and social functions and roles of food. Students research sustainability and the legal, economic, psychological, sociocultural, health, ethical and political dimensions of food, and critically evaluate information, marketing messages and new trends.

Practical activities are integral to Food Studies and include comparative food testing, cooking, creating and responding to design briefs, demonstrations, dietary analysis, nutritional analysis, product analysis, scientific experiments and sensory analysis (including taste testing and use of focus groups).

Food Studies 1 and 2

Unit 1: Food Origins

In this unit students focus on food from historical and cultural perspectives, and investigate the origins and roles of food through time and across the world. In Area of Study 1 students explore how humans have historically sourced their food, examining the general progression from hunter-gatherer to rural-based agriculture, to today's urban living and global trade in food. Students consider the origins and significance of food through inquiry into one particular food-producing region of the world.

In Area of Study 2 students focus on Australia. They look at Australian indigenous food prior to European settlement and how food patterns have changed since, particularly through the influence of food production, processing and manufacturing industries and immigration. Students investigate cuisines that are part of Australia's culinary identity today and reflect on the concept of an Australian cuisine.

Students consider the influence of innovations, technologies and globalisation on food patterns. Throughout this unit they complete topical and contemporary practical activities to enhance, demonstrate and share their learning with others.

Unit 2: Food Makers

In this unit students investigate food systems in contemporary Australia. Area of Study 1 focuses on commercial food production industries, while Area of Study 2 looks at food production in domestic and small-scale settings, as both a comparison and complement to commercial production. Students gain insight into the significance of food industries to the Australian economy and investigate the capacity of industry to provide safe, high-quality food that meets the needs of consumers.

Students use practical skills and knowledge to produce foods and consider a range of evaluation measures to compare their foods to commercial products. They consider the effective provision and preparation of food in the home, and analyse the benefits and challenges of developing and using practical food skills in daily life. In demonstrating their practical skills, students design new food products and adapt recipes to suit particular needs and circumstances. They consider the possible extension of their role as small-scale food producers by exploring potential entrepreneurial opportunities.

Food Studies 3 and 4

Unit 3: Food in Daily Life

In this unit students investigate the many roles and everyday influences of food. Area of Study 1 explores the science of food: our physical need for it and how it nourishes and sometimes harms our bodies. Students investigate the science of food appreciation, the physiology of eating and digestion, and the role of diet on gut health. They analyse the scientific evidence, including nutritional rationale, behind the healthy eating recommendations of the Australian Dietary Guidelines and the Australian Guide to Healthy Eating (see www.eatforhealth.gov.au), and develop their understanding of diverse nutrient requirements.

Area of Study 2 focuses on influences on food choices: how communities, families and individuals change their eating patterns over time and how our food values and behaviours develop within social environments. Students inquire into the role of food in shaping and expressing identity and connectedness, and the ways in which food information can be filtered and manipulated. They investigate behavioural principles that assist in the establishment of lifelong, healthy dietary patterns.

Practical activities enable students to understand how to plan and prepare food to cater for various dietary needs through the production of everyday food that facilitates the establishment of nutritious and sustainable meal patterns.

Unit 4: Food Issues, Challenges and Futures

In this unit students examine debates about Australia's food systems as part of the global food systems and describe key issues relating to the challenge of adequately feeding a rising world population.

In Area of Study 1 students focus on individual responses to food information and misinformation and the development of food knowledge, skills and habits to empower consumers to make discerning food choices. They also consider the relationship between food security, food sovereignty and food citizenship. Students consider how to assess information and draw evidence-based conclusions, and apply this methodology to navigate contemporary food fads, trends and diets. They practise and improve their food selection skills by interpreting food labels and analysing the marketing terms used on food packaging.

In Area of Study 2 students focus on issues about the environment, climate, ecology, ethics, farming practices, including the use and management of water and land, the development and application of innovations and technologies, and the challenges of food security, food sovereignty, food safety and food wastage. They research a selected topic, seeking clarity on current situations and points of view, considering solutions and analysing work undertaken to solve problems and support sustainable futures. The focus of this unit is on food issues, challenges and futures in Australia.

Practical activities provide students with opportunities to apply their responses to environmental and ethical food issues, reflect on healthy eating recommendations of the Australian Dietary Guidelines and the Australian Guide to Healthy Eating, and consider how food selections and food choices can optimise human and planetary health.

Where can Food Studies take me?

Food Studies, taken with other prerequisites, can lead to many careers, including the following:

- Health sciences
- Nutrition
- Sports science
- Hospitality

What other VCE subjects go well with Food Studies?

The following VCE studies complement Food Studies:

- Biology
- Health and Human Development
- Physical Education
- Chemistry

More Information

Entry

Entry into Unit 1 and 2 Food Studies requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Food Studies is advantageous though not required for entry to Unit 3 and 4 Food Studies.

Additional Documentation

The Study Design for VCE Food Studies outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Food Studies is not a prerequisite for any tertiary course.

VCE VET INFORMATION AND COMMUNICATIONS TECHNOLOGY

The VCE VET Information and Communications Technology program is designed to provide students with the opportunity to acquire and develop the skills, knowledge and confidence to work in the area of Information Technology, in a range of industry areas. Organisational and specialist activity skills, in addition to leadership skills, will be developed through the units of competency undertaken. Students undertake a dual VCE VET sequence which provides them with a VET Qualification and the VCE Units 1 and 2 and 3 and 4 sequence. This is a VET study and a fully scored, examined VCE study with a Study Score that contributes directly to the ATAR.

VCE VET Information and Communications Technology 1 and 2

Certificate II

Units 1 and 2

In Units 1 and 2, students complete a Certificate II in Information and Communications Technology.

They undertake study in:

- Organisational Goals and Structures
- Environmentally sustainable work practices
- Using computer Operating Systems and Hardware
- Operating Application Software Packages
- Operating Digital Media and Technology Packages
- Interacting with ICT clients
- Applying problem solving techniques to routine IT malfunctions
- Detecting and protecting from spam
- Securing and managing personal and workplace information

VCE VET Information and Communications Technology 3 and 4

Certificate III

Units 3 and 4

In Units 3 and 4, the program provides students with partial completion of a Certificate III in Information and Communications Technology.

They undertake study in:

- Creating User Documentation
- Installing and Optimising Operating System Hardware
- Installing, Configuring and Securing a Network
- Providing ICT advice to Clients
- Maintaining ICT Equipment and Software
- Connecting Internal Hardware Components
- Implementing System Software Changes

Where can VCE VET Information and Communications Technology take me?

VCE VET Information and Communications Technology, taken with other prerequisites, can lead to many careers, including the following:

- Information Technologies
- Multimedia and Media
- Business
- Education
- Information Services

What other VCE subjects go well with VCE VET Information and Communications Technology?

The following VCE studies complement Information and Communications Technology:

- Systems Engineering
- Business Management
- Media

More Information

Entry

Entry into Unit 1 and 2 VCE VET Information and Communications Technology requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 VCE VET Information and Communications Technology is advantageous though not required for entry to Unit 3 and 4 VCE VET Information and Communications Technology (it is however required for the completion of the Certificate III).

Additional Documentation

The Study Design for VCE VET Information and Communications Technology outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE VET Information and Communications Technology is not a prerequisite for any tertiary course however completion of the VET Qualification may assist in admission to ICT related tertiary studies.

Tertiary Prerequisite

VCE VET Information and Communications Technology is not a prerequisite for any tertiary course.

PRODUCT DESIGN AND TECHNOLOGY

Central to VCE Product Design and Technology is the Product design process, which provides structure for students to develop effective design practice. The design process involves identification of a real need that is investigated and informed by research to develop a solution requires the application of technology and a variety of cognitive and physical skills. In VCE Product Design and Technology students assume the role of a designer-maker, acquiring and applying knowledge of factors that influence design.

Product Design and Technology 1 and 2

Unit 1: Sustainable Product Redevelopment

This unit focuses on the analysis, modification and improvement of a product design with consideration of sustainability. Students examine claims of sustainable practices by designers. They consider the sustainability of an existing product, such as the impact of sourcing materials, manufacture, distribution, use and likely disposal. They also consider how a redeveloped product should attempt to solve a problem. Materials and manufacturing processes used should be carefully selected to improve the overall sustainability of the redeveloped product. Students consider the sustainability of an existing product and acknowledge the intellectual property (IP) rights of the original designer. Working drawings are used to present the preferred design option. Students produce a redeveloped product using tools, equipment, machines and materials, taking into account safety considerations. They compare their product with the original design and evaluate it against their design brief.

Unit 2: Collaborative Design

In this unit students work in teams to design and develop an item in a product range or contribute to the design, planning and production of a group product. They focus on factors including needs and wants; function, purpose and context for product design; aesthetics; materials and sustainability; and the impact of these factors on a design. Teamwork mirrors professional design practice where designers often work within a multi-disciplinary team. Students also use digital technologies to facilitate teams to work collaboratively online. They gain inspiration from an historical or a contemporary design movement and its defining factors. Students will work both individually and as members of a small design team to address a problem, need or opportunity and consider user-centred design factors. They design a product based on a theme, or a component of a group product.

Product Design and Technology 3 and 4

Unit 3: Applying the Product Design Process

In this unit students are engaged in the design and development of a product that addresses a personal, local, or global problem, or that meets the needs and wants of a potential end-user/s. The product is developed through a design process and is influenced by a range of factors. This unit examines different settings and takes students through the product design process. Students identify methods which could be used in a low-volume or mass/high-volume production setting to manufacture a similar product to their design. A design brief is prepared, outlining the context or situation around the design problem and describing the needs and requirements in the form of constraints or considerations.

Students examine how a design brief addresses particular product design factors and how evaluation criteria are developed from the brief. They develop an understanding of techniques in using the design brief as a springboard to direct research and design activities. Students then examine how a range of factors influence the design and development of products within industrial manufacturing settings. They consider issues associated with obsolescence and sustainability models. Students commence the application of the product design process for a product design for an end-user, including writing an individual design brief and criteria that will be used to evaluate the product in Unit 4.

Unit 4: Product Development and Evaluation

In this unit students engage with an end-user/s to gain feedback throughout the process of production. Students make comparisons between similar products to help evaluate the success of a product in relation to a range of product design factors. Students use comparative analysis and evaluation methods to make judgments about commercial product design and development. Students continue to develop and safely manufacture the product designed in Unit 3 using materials, tools, equipment and machines, and record and monitor the production processes and modifications to the production plan and product. In Area of Study 3, students evaluate the quality of their product with reference to criteria and end-user/s' feedback. Students make judgments about possible improvements. They produce relevant user instructions or care labels that highlight the product's features for an end-user/s.

Where can Product Design and Technology take me?

Product Design Technology, taken with other prerequisites, can lead to many careers, including:

- Industrial design
- Manufacturing
- Engineering

What other VCE subjects go well with Product Design Technology?

The following VCE studies complement Product Design and Technology:

- Visual Communication Design
- Media
- Systems Engineering
- Physics

More Information

Entry

Entry into Unit 1 and 2 Product Design and Technology requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Product Design and Technology is advantageous though not required for entry to Unit 3 and 4 Product Design and Technology.

Additional Documentation

The Study Design for VCE Product Design and Technology outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Product Design and Technology is not a prerequisite for any tertiary course.

SYSTEMS ENGINEERING

VCE Systems Engineering involves the design, creation, operation and evaluation of integrated systems, which mediate and control many aspects of human experience. Integral to Systems Engineering is the identification and quantification of systems goals, the development of alternative system designs concepts, trial and error, design trade-offs, selection and implementation of the best design, testing and verifying that the system is well built and integrated, and evaluating how well the completed system meets the intended goals. It promotes innovative systems thinking and problem-solving skills through the Systems Engineering Process, which takes a project-management approach. It focuses on mechanical and electrotechnology engineered systems. The study provides opportunities for students to learn about and engage with systems from a practical and purposeful perspective.

Systems Engineering 1 and 2

Unit 1: Introduction to Mechanical Systems

This unit focuses on engineering fundamentals as the basis of understanding underlying principles and the building blocks that operate in simple to more complex mechanical devices. While this unit contains the fundamental physics and theoretical understanding of mechanical systems and how they work, the main focus is on the construction of a system. The construction process draws heavily upon design and innovation. Students apply their knowledge to design, construct, test and evaluate operational systems. The focus of the system should be mechanical; however, it may include some electronic components. The constructed operational systems demonstrate selected theoretical principles studied in this unit.

Unit 2: Introduction to Electrotechnology Systems

In this unit students study fundamental electrotechnology engineering principles. Through the application of their knowledge and the Systems Engineering Process, students produce operational systems that may also include mechanical components. In addition, students conduct research and produce technical reports. While this unit contains fundamental physics and theoretical understanding of electrotechnology systems and how they work, student focus remains on the construction of electrotechnology systems. The construction process draws heavily upon design and innovation.

Systems Engineering 3 and 4

Unit 3: Integrated Systems Engineering and Energy

In this unit students study the engineering principles that are used to explain the physical properties of integrated systems and how they work. Through the application of their knowledge, students design and plan an operational, mechanical-electrotechnology integrated and controlled system. They learn about the technologies used to harness energy sources to provide power for engineered systems. Students commence work on the design, planning and construction of one substantial controlled integrated system. This project has a strong emphasis on designing, manufacturing, testing and innovation.

Students manage the project throughout the Systems Engineering Process, taking into consideration the factors that will influence the design, planning, production and use of their integrated system.

Students learn about sources and types of energy that enable engineered technological systems to function.

Comparisons are made between the impacts of the use of renewable and non-renewable energy sources. Students learn about the technological systems developed to capture and store renewable energy and technological developments to improve the credentials of non-renewables.

Unit 4: Systems Control and New and Emerging Technologies

In this unit students complete the production work and test and evaluate the integrated controlled system they designed in Unit 3. Students investigate new and emerging technologies, consider reasons for their development and analyse their impacts. Students use their investigations, design and planning to continue the fabrication of their mechanical electrotechnology integrated and controlled system using the Systems Engineering Process. They use project and risk management methods through the construction of the system and use a range of materials, tools, equipment, and components. In the final stages of the Systems Engineering Process, students test, diagnose and analyse the performance of the system. They evaluate their processes and the system. Students expand their knowledge of new and emerging developments and innovations through their investigation and analysis of a range of engineered systems. They analyse a specific new or emerging innovation, including its impacts.

Where can Systems Engineering take me?

Systems Engineering, taken with other prerequisites, can lead to many careers, including:

- Engineering
- Technical industry
- Information and Communications Technology

What other VCE subjects go well with Systems Engineering?

The following VCE studies complement Systems Engineering:

- Physics
- Mathematical Methods
- VCE VET Information and Communications Technology
- Product Design and Technology
- Further Mathematics

More Information

Entry

Entry into Unit 1 and 2 Systems Engineering requires the satisfactory completion of Year 10 studies in accordance with the College's Promotion Policy.

Unit 1 and 2 Systems Engineering is advantageous though not required for entry to Unit 3 and 4 Systems Engineering.

Additional Documentation

The Study Design for VCE Systems Engineering outlines the curriculum and assessment for the subject and is available at the VCAA website.

Past examination papers and the annual Chief Assessor's reports are also available on the VCAA website.

Tertiary Prerequisite

VCE Systems Engineering is not a prerequisite for any tertiary course.

VCE VOCATIONAL MAJOR

- Year 11
- Year 12

The VCE Vocational Major (VCE VM)

The VCE Vocational Major (VCE VM) is a vocational and applied learning program within the VCE designed to be completed over a minimum of two years. The VCE VM will give students greater choice and flexibility to pursue their strengths and interests and develop the skills and capabilities needed to succeed in further education, work and life.

The VCE VM aims to prepare students to move into apprenticeships, traineeships, further education and training, university (via non-ATAR pathways) or directly into the workforce.

Year 11

Year 11 VCE VM students will undertake the following units:

- Religious Education.
- VCE VM Literacy Units 1 and 2 OR VCE English Units 1 and 2
- VCE VM Numeracy Units 1 and 2 OR VCE General Mathematics Units 1 and 2
- VCE VM Work Related Skills Units 1 and 2
- VET Certificate II Business, Employability Skills Units 1 and 2
- VCE VM Personal Development Skills Units 1 and 2
- VET of choice: Industry Specific Skills – VET Subject or TAFE Certificate of Student's choice:
 - Students have the opportunity to participate in an externally delivered VET Course as part of the Mullum Cluster.

Year 12

Year 12 VCE VM students will undertake the following units:

- Religious Education.
- VCE VM Literacy Units 3 and 4 OR VCE English Units 3 and 4
- VCE VM Numeracy Units 3 and 4 OR VCE General Mathematics Units 1 and 2
- VCE VM Work Related Skills Unit 1 and 2
- VET Certificate II Business, Employability Skills Units 1 and 2
- VCE VM Personal Development Skills Units 1 and 2
- VET of choice: Industry Specific Skills – VET Subject or TAFE Certificate of Student's choice:
 - Students have the opportunity to participate in an externally delivered VET Course as part of the Mullum Cluster

Assessment in the VCE VM include, but is not limited to project work, observation checklists, role plays, written and oral presentations, discussions, research tasks, reports, portfolios, work journals, logbooks and practical tasks.

Work Placement in the VCE VM

Students are required to participate in a minimum of 80 hours of work placement as part of their VCE VM. Students are able to sample a variety of placements that interest them which could involve a different employer each term. Part time employment can also be used to satisfy the 80 hours, as can a School Based Apprenticeship (see below).

School Based Apprenticeships and Traineeships at School

Students VCE or VCE VM can be tailored to include an apprenticeship or traineeship. Starting an apprenticeship or traineeship while at school means you can get paid on-the-job training that leads to a qualification. School-based apprenticeships and traineeships give you the confidence and vocational skills that employers need.

Participation in a School Based Apprenticeship needs to be initiated by an employer in the first instance which results in a signup by an organisation such as MEGT. Students must find their own work placement. Some assistance is provided in Work Related Skills during Term 1. If a work placement has not been sourced by the end of Term 1 then the student may be required to attend school.

Entry Requirements

Any student applying for VCE VM must complete an VCE VM Application Form and participate in an Interview. All students who apply for VCE VM must submit VCE subjects until their application is approved. Admission to the VCE VM at St Joseph's College is dependent on the successful completion of Year 10 in accordance with the College's Promotion Policy.

Further inquiries regarding the VCE VM can be addressed by Mrs Vivienne Egan, Head of Pathways.

VCE VOCATIONAL MAJOR LITERACY

This study enables students to:

- develop their everyday literacy skills through thinking, listening, speaking, reading, viewing and writing to meet the demands of the workplace, the community, further study and their own life skills, needs and aspirations
- participate in discussion, exploration and analysis of the purpose, audience and language of text types and content drawn from a range of local and global cultures, forms and genres, including First Nations peoples' knowledge and voices, and different contexts and purposes
- discuss and debate the ways in which values of workplace, community and person are represented in different texts
- present ideas in a thoughtful and reasoned manner.

VCE VM Literacy 1 and 2

Unit 1

- Area of Study 1: Literacy for personal use
- Area of Study 2: Understanding and creating digital texts

Unit 2

- Area of Study 1: Understanding issues and voices
- Area of Study 2: Responding to opinions

VCE VM Literacy 3 and 4

Unit 3

- Area of Study 1: Accessing and understanding informational, organisational and procedural texts
- Area of Study 2: Creating and responding to organisational, informational or procedural texts

Unit 4

- Area of Study 1: Understanding and engaging with literacy for advocacy
- Area of Study 2: Speaking to advise or to advocate

VCE VOCATIONAL MAJOR NUMERACY

VCE Vocational Major Numeracy is designed around four complementary and essential components:

- Eight areas of study (four in each unit) that name and describe a range of different mathematical knowledge and skills that are expected to be used and applied across the three outcomes.
- Outcome 1 is framed around working mathematically across six different numeracy contexts:
 - Personal numeracy
 - Civic numeracy
 - Financial numeracy
 - Health numeracy
 - Vocational numeracy
 - Recreational numeracy.
- Outcome 2 elaborates and describes a four-stage problem-solving cycle that underpins the capabilities required to solve a mathematical problem embedded in the real world.
- Outcome 3 requires students to develop and use a technical mathematical toolkit as they undertake their numeracy activities and tasks. Students should be able to confidently use multiple mathematical tools, both analogue and digital/technological.

VCE VM Numeracy 1 and 2

Unit 1

Areas of study

There are four areas of study for Unit 1:

- Area of Study 1: Number
- Area of Study 2: Shape
- Area of Study 3: Quantity and measures
- Area of Study 4: Relationships.

Unit 2

Areas of study

There are four areas of study for Unit 2:

- Area of Study 5: Dimension and direction
- Area of Study 6: Data
- Area of Study 7: Uncertainty
- Area of Study 8: Systematics

VCE VM Numeracy 1 and 2

Unit 3

Areas of study

There are four areas of study in Unit 3:

- Area of Study 1: Number
- Area of Study 2: Shape
- Area of Study 3: Quantity and measures
- Area of Study 4: Relationships.

Unit 4

Areas of study

There are four areas of study for Unit 4:

- Area of Study 5: Dimension and direction
- Area of Study 6: Data
- Area of Study 7: Uncertainty
- Area of Study 8: Systematics

VCE VOCATIONAL MAJOR PERSONAL DEVELOPMENT SKILLS

VCE Vocational Major Personal Development Skills (PDS) takes an active approach to personal development, self-realisation and citizenship by exploring interrelationships between individuals and communities. PDS focuses on health, wellbeing, community engagement and social sciences, and provides a framework through which students seek to understand and optimise their potential as individuals and as members of their community.

This study provides opportunities for students to explore influences on identity, set and achieve personal goals, interact positively with diverse communities, and identify and respond to challenges. Students will develop skills in self-knowledge and care, accessing reliable information, teamwork, and identifying their goals and future pathways.

PDS explores concepts of effective leadership, self-management, project planning and teamwork to support students to engage in their work, community and personal environments.

Through self-reflection, independent research, critical and creative thinking and collaborative action, students will extend their capacity to understand and connect with the world they live in, and build their potential to be resilient, capable citizens.

VM Personal Development Skills 1 and 2

Unit 1: Healthy individuals

- Area of Study 1: Personal identity and emotional intelligence
- Area of Study 2: Community health and wellbeing
- Area of Study 3: Promoting a healthy life

Unit 2: Connecting with community

- Area of Study 1: What is community?
- Area of Study 2: Community cohesion
- Area of Study 3: Engaging and supporting community

VM Personal Development Skills 3 and 4

Unit 3: Leadership and teamwork

- Area of Study 1: Social awareness and interpersonal skills
- Area of Study 2: Effective leadership
- Area of Study 3: Effective teamwork

Unit 4: Community project

- Area of Study 1: Planning a community project
- Area of Study 2: Implementing a community project
- Area of Study 3: Evaluating a community project

VCE VOCATIONAL MAJOR WORK RELATED SKILLS

VCE Vocational Major Work Related Skills (WRS) examines a range of skills, knowledge and capabilities relevant to achieving individual career and educational goals. Students will develop a broad understanding of workplace environments and the future of work and education, in order to engage in theoretical and practical planning and decision-making for a successful transition to their desired pathway.

The study considers four key areas: the future of work; workplace skills and capabilities; industrial relations and the workplace environment and practice; and the development of a personal portfolio.

Students will have the opportunity to apply the knowledge and skills gained from this study in the classroom environment and through Structured Workplace Learning (SWL).

VM Work Related Skills 1 and 2

Unit 1: Careers and learning for the future

- Area of Study 1: Future careers
- Area of Study 2: Presentation of career and education goals

Unit 2: Workplace skills and capabilities

- Area of Study 1: Skills and capabilities for employment and further education
- Area of Study 2: Transferable skills and capabilities

VM Work Related Skills 3 and 4

Unit 3: Industrial relations, workplace environment and practice

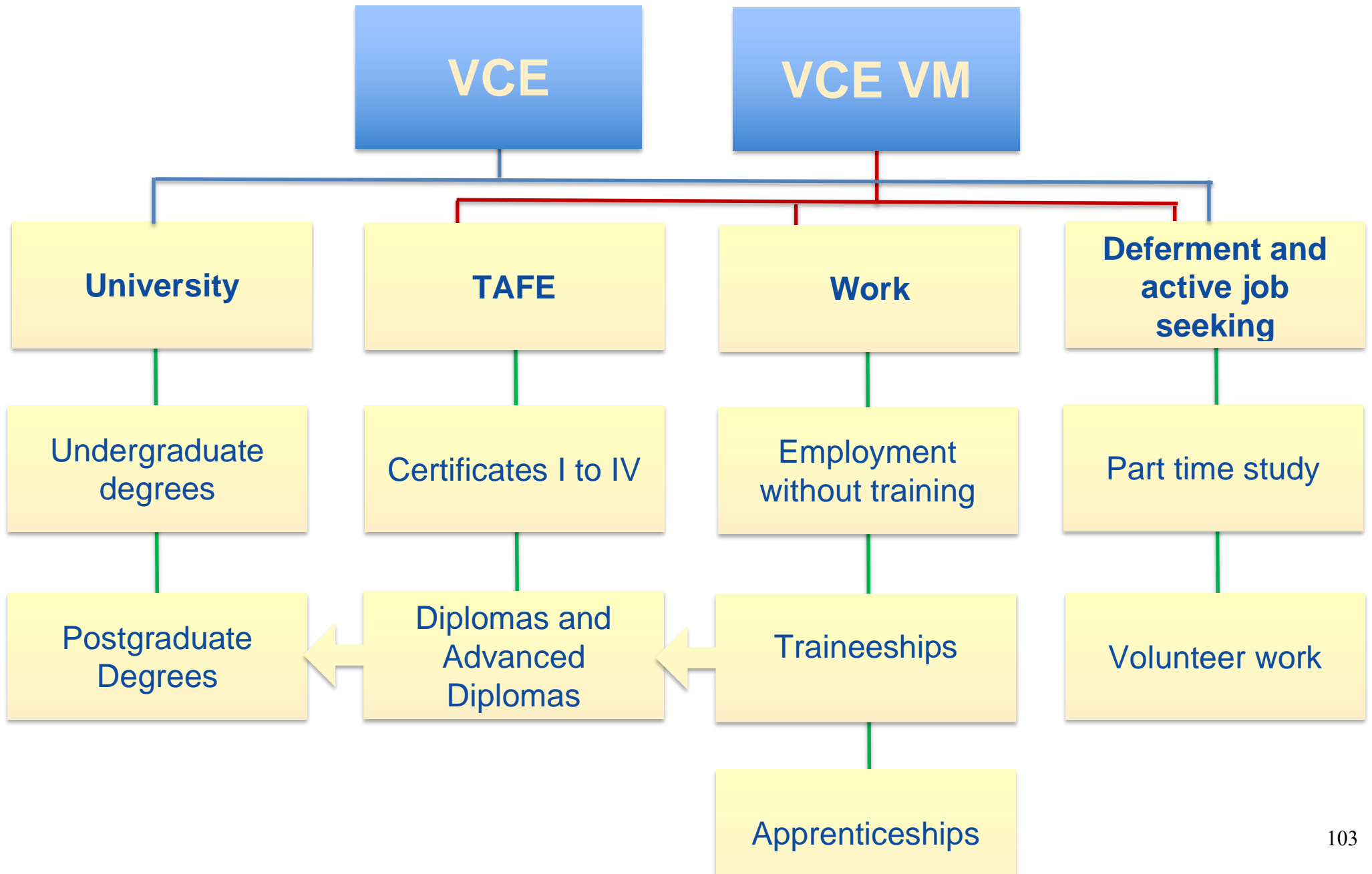
- Area of Study 1: Workplace wellbeing and personal accountability
- Area of Study 3: Communication and collaboration

Unit 4: Portfolio preparation and presentation

- Area of Study 1: Portfolio development
- Area of Study 2: Portfolio presentation

Options after Year 12

Examples of pathways available to students following the successful completion of VCE and VCE VM studies



Vocational and Educational Training (VET)

Vocational Education and Training (VET)

Vocational Education and Training (VET) training refers to enhanced Senior School studies, which enables a secondary student to combine their senior school studies with Vocational Training. Students can participate in a VET subject as part of their VCE but it must be included in VCE Vocational Major (VM). Units as part of a VET subject focus on developing industry specific and workplace skills and is designed to meet the needs of Industry. A pathway at St Joseph's College enables students to experience opportunities to enhance their vocational interests and passions. Some VET subjects are examinable and as such have study scores that contribute to the ATAR, other VET studies contribute credits to the VCE or VCE VM. Completion of all units can also lead to the achievement of a Certificate II or III nationally recognised qualification. The VET also provides students with the options to partake in employment or continue with further study in vocational training on completion of Year 12.

VET Subjects offered at St Joseph's College:

- Certificate II in Agriculture (Viticulture)
- Certificate II in Applied Languages (Italian and Japanese)
- Certificate II in Building and Construction
- Certificate II in Electrotechnology
- Certificate II/III in VCE VET Information and Communications Technology
- Certificate II/III in Sport and Recreation
- Certificate II in Plumbing

VET Sport and Recreation, VET Agriculture, VET Applied Languages and VET VCE VET Information and Communications Technology are offered within the College timetable, students attend VET Building and Construction, Electrotechnology and Plumbing in the 'Carroll Centre' at St Joseph's.

Other VET courses are available at Host Schools as part of the Mullum VET Cluster.

The Mullum VET Cluster is a partnership of 40 government, catholic and independent schools, with 1100 students enrolled from the eastern suburbs. If a student completes a two-year VET program, they may be able to achieve a nationally recognised qualification, such as a Certificate II or Certificate III. Certain VET studies can contribute to VCE study scores such as Engineering, Hospitality, Sport and Recreation and VCE VET Information and Communications Technology. Other VET courses provide credits to the VCE or VCE VM, such as Automotive and Plumbing.

Host schools delivering training include Swinburne, Box Hill Institute and Ringwood Training.

VCE VET AGRICULTURE

AHC20116 Certificate II in Agriculture provides an entry level occupational outcome in agriculture. The qualification enables individuals to select a livestock production or cropping context as a job focus or, in the case of mixed farming enterprises, both. Industry expects individuals with this qualification to carry out routine tasks under general supervision and exercise limited autonomy with some accountability for their own work. Job roles vary across different industry sectors and may include: Assistant Animal Attendant/Stockperson, Assistant Farm or Station Hand/Labourer. St Joseph's College delivers the Certificate II in Agriculture with a specific focus on Viticulture through our College Vineyard.

VCE VET Agriculture 1 and 2

Units 1 and 2 (Year 1)

In Units 1 and 2, students complete a Certificate II in Agriculture: recognition of two or more units at Units 1 and 2 level.

They undertake study in:

- | | |
|----------------|---|
| 1. AHCOHS201A | Participate in OHS processes |
| 2. AHCWRK209A | Participate in environmentally sustainable work practices |
| 3. AHC BIO202A | Follow site quarantine procedures |
| 4. AHCINF202A | Install, maintain and repair fencing |
| 5. AHCPMG202A | Treat plant pests, diseases and disorders |
| 6. MEM18001C | Use hand tools |
| 7. AHCWRK201A | Observe and report on weather |
| 8. AHCLSK213A | Clean out production sheds |
| 9. AHCPHT202A | Carry out canopy maintenance |
| 10. AHCPHT203A | Support horticultural crop harvesting |
| 11. AHCPHT201A | Plant horticultural crops |

VCE VET Agriculture 3 and 4 (Year 2)

Units 3 and 4

In Units 3 and 4, students who complete a Unit 3 and 4 sequence will be eligible for an increment towards their ATAR.

They undertake study in:

- | | |
|----------------|--|
| 12. AHCCHM201A | Apply chemicals under supervision |
| 13. AHCWRK207A | Collect and record production data |
| 14. TLID1001A | Shift materials safely using manual handling |
| 15. AHCPHT205A | Carry out post-harvest operations |
| 16. AHCINF203A | Maintain properties and structures |
| 17. AHCMOM203 | Operate basic machinery and equipment |
| 18. HLTAID002 | Provide basic emergency life support |

BUILDING and CONSTRUCTION

(RTO 21710 St Joseph's College)

Certificate II in Building and Construction is designed for people wanting to enter the building and construction industry to become apprentice carpenters. It will provide the knowledge and practical skills associated with working in the building and construction industry and equip students with the ability to work safely in the industry.

Units 1 and 2 (Year 1)

In Units 1 and 2, students complete a Certificate II in Building and Construction: recognition of two or more units at Units 1 and 2 level.

They undertake study in:

CPCCWHS1001	Prepare to work safely in the construction industry	6	C
	Apply OHS requirements, policies and procedures	20	
CPCCOHS2001	in the construction industry		C
VU22022	Identify and handle carpentry tools and equipment	100	C
CPCCCM2006	Apply basic levelling procedures	8	C
VU22023	Perform basic setting out	24	C
VU22031	Construct basic formwork for concreting	40	C
HLTAID002	Provide basic emergency life support	12	C
VU22016	Erect and safely use working platforms	24	C
CPCCCM1015	Carry out measurements and calculations	20	C
CPCCM1014	Conduct workplace communication industry	20	C

Units 3 and 4 (Year 2)

In Units 3 and 4, students who complete a Unit 3 and 4 sequence will be eligible for an increment towards their ATAR.

VU22022	Identify and handle carpentry tools and equipment	20	C
	Work effectively and sustainably in the construction		C
CPCCCM1012	industry	64	
VU22030	Carry out basic demolition of timber structures	16	C
VU22025	Construct basic wall frames	48	C
VU22026	Construct a basic roof frame	40	C
VU22028	Install basic window and door frames	24	C
VU22027	Install basic external cladding	40	C
	Prepare for work in the building and construction	24	C
VU22014	industry		

ELECTROTECHNOLOGY (PRE-VOCATIONAL)

(RTO 21710 St Joseph's College)

In Certificate II Electrotechnology (pre-vocational) students will have the opportunity to increase their job opportunities in the electrical, security systems or refrigeration and air conditioning trades. In this electrotechnology studies pre-apprenticeship course, they will learn the basics of electrical theory and maths and gain practical skills to help them find work in the industry.

They will be trained by industry professionals how to interpret electrical drawings, operate safely in an electrical workshop, identify, select and use equipment in an electrotechnology environment, interact with clients and deliver a quality service.

Units 1 and 2 (Year 1)

In Units 1 and 2, students complete a Certificate II in Electrotechnology: recognition of two or more units at Units 1 and 2 level.

They undertake study in:

CPCCOHS1001A	Work safely in the construction industry
HLTAID002	Provide basic emergency life support
UEENEEE101A	Apply occupational health and safety regulations, codes and practices in the workplace
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components
UEENEEE130A	Provide Solutions and Report on Routine Electro-Technology Problems
UEENEEE105A	Fix and secure electrotechnology equipment
UEENEEE142A	Produce Products for carrying Out Energy Sector Work Activities

Units 3 and 4 (Year 2)

In Units 3 and 4, students who complete a Unit 3 and 4 sequence and will be eligible for an increment towards their ATAR.

They undertake study in:

UEENEEE122A	Carry out preparatory energy sector work activities
UEENEEE148A	Carry out routine work activities in an energy sector environment
	(Employment Skills)
UEENEEE103A	Solve problems in ELV single path circuits
UEENEEK112A	Provide basic sustainable energy solutions for energy reduction in residential premises
UEENEPP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply
UEENEEE179A	Identify and select components, accessories and materials for energy sector work activities

PLUMBING – PRE-APPRENTICESHIP

Certificate II in Plumbing (Pre-Apprenticeship) is designed for people wanting to enter the plumbing industry to become apprentice plumbers. It will provide the knowledge and practical skills associated with working in the plumbing industry and equip students to become apprentice plumbers.

First-year classes are undertaken at St Joseph's on Thursday afternoons (1.30pm-5.30pm) and involve both a classroom and workshop-based mode of delivery.

Units 1 and 2 (Year 1)

In Units 1 and 2, students complete a Certificate II in Plumbing (Pre-Apprenticeship): recognition of two or more units at Units 1 and 2 level.

They undertake study in:

CPCCWHS1001	Prepare to work safely in the construction industry
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
VU23049	Identify career pathways in the plumbing industry
BSBWRT311	Write simple documents
CPCPCM2039A	Carry out interactive workplace communication
CUAACD303	Produce technical drawings
VU23051	Prepare to work in the plumbing industry
CPCCCM1015	Carry out measurements and calculations
VU23056	Use plumbing pipes, fittings and fixtures to simulate plumbing installations
HLTAID002	Provide basic emergency life support
VU23054	Use basic plumbing hand tools

Units 3 and 4 (Year 2)

They undertake study in:

VU23047	Cut and penetrate building materials and structures
VU23052	Use and apply basic levelling equipment for plumbing
VU23048	Fabricate simple plumbing pipe systems
VU23055	Use basic power tools
VU23050	Perform basic oxy-acetylene welding and cutting
VU22053	Use basic electric welding equipment and techniques
CPCCCM2001	Read and interpret plans and specifications
VU23046	Apply basic sheet metal practices

External VET Subjects available through the Mullum VET Cluster

Course	Location
Acting (Screen)	Australian College of Dramatic Arts
Allied Health Assistance	Swinburne University
Animal Studies	Box Hill Institute
Automotive	Ringwood Training
Creative Industries	Swinburne University
Community Services	Swinburne University
Design Fundamentals	Swinburne University
Engineering Studies	Swinburne University
Health Services Assistant	Swinburne University
Horticulture	Swinburne University
Hospitality	Aquinas College
Information Technology (Gaming)	Ringwood Training/Swinburne University
Kitchen Operations	Aquinas College
Landscaping	Swinburne University
Laboratory Skills	Swinburne University
Music – Sound Production	Aquinas College
Sport and Recreation	Aquinas College (VCE VM Students only)

Entry Requirements

Any student applying for a VET subject must complete a VET Application Form. Admission to VET subjects at St Joseph's College is dependent on the successful completion of previous studies, if applicable and other entry criteria. Some VET subjects have additional charges which are passed onto families as part of the College Fees.

Further inquiries regarding VET subjects can be addressed to Mrs Vivienne Egan, Head of Pathways.

Victorian Certificate of Education

Accelerated Learning Program

This program aims to provide challenging learning opportunities to those students who have met the criteria by offering them the opportunity to take Unit 1 and 2 (Year 11) sequence studies if they are entering Year 10, and Unit 3 and 4 (Year 12) sequence studies if they are entering Year 11. Students completing a Unit 3 and 4 sequence at Year 11 gain the additional advantage of adding to their ATAR with a 10% increment to their aggregate study score at the completion of their Year 12 year.

Entry into the Program:

Those Year 10 students currently studying a VCE Unit 1 and 2 will have the opportunity of continuing with the Unit 3 and 4 sequence of that study in their Year 11 program provided they have maintained a high level of achievement in that study (B+ average). Even so, they **will need to apply** for the opportunity to do this.

Year 10 students who demonstrate a very high level of achievement will be eligible to apply for entry to the Accelerated Learning Program through the study of a VCE Unit 3 and 4 (Year 12) sequence in their Year 11 program, provided their demonstrated level of achievement is high and they have followed the **application process**.

The application process ensures that students do not select inappropriate programs.

Criteria to undertake an Accelerated Learning Program:

Students wishing to enter the program should indicate their intentions on the Course Selection Form. They should discuss their intentions with their parent, relevant subject teachers and the relevant Learning Leader.

Continuation of Acceleration

Continuation in acceleration program is dependent upon the student achieving a B+ average in the accelerated subject whilst maintaining a balanced approach to completion of all his studies. Where this is not achieved, the student's participation in the program will be reviewed.

Please note that preference will be given to Year 12 Students in accessing Unit 3 and 4 studies. Moreover, each student's individual circumstances will be taken into account. In special circumstances students may be allowed to access the program that do not meet the above criteria. Subject selection will be based on Semester One Results but these must be confirmed by the Semester Two Reports.

Glossary of VCAA Terms

ATAR: Australian Tertiary Admission Rank. The ATAR is calculated by VTAC from Unit 3 and 4 sequence Study Scores in the primary four (English and the three best other subjects) plus 10% of any fifth or sixth subjects. The ATAR is passed on to selection authorities in each institution.

EXAMINATIONS: Tests defined and scheduled by VCAA.

GAT: The General Achievement Test. Undertaken by all students studying Unit 3 and 4 sequences. Results are used by VCAA to assist with statistical moderation of school assessed coursework.

OUTCOMES: Students are required to achieve and demonstrate competency in skills outlined by the VCAA in the Study Design for a Study, content and processes to be judged as satisfactorily completing a unit of study.

PREREQUISITE STUDIES (TERTIARY): VCE subjects required for entry into tertiary courses. These are published two years in advance giving due warning of any changes and are specific for the appropriate year. These studies must be satisfactorily completed before students can be considered for that tertiary course. Some courses require that a particular level of performance must also be achieved before that study can be counted as a prerequisite.

SCALING: This process of adjusting study scores is for tertiary selection purposes only. This procedure will be carried out by VTAC on behalf of the tertiary institutions.

SCHOOL ASSESSED COURSEWORK (SAC): Assessment conducted by subject teachers, usually comprising a number of short tasks.

SCHOOL ASSESSED TASK (SAT): An extended assessment task conducted by subject teachers.

STUDY: A 'subject'. Comprises four semester length units. Units 1 and 2 are generally undertaken in Year 11 Units 3 and 4 are completed as a sequence, generally in Year 12. Only the results of Unit 3 and 4 sequences are used to generate scores for the ATAR.

VCAA: Victorian Curriculum and Assessment Authority. The government body responsible for the delivery and assessment of curriculum in Victoria.

VCE: Victorian Certificate of Education. A senior secondary qualification with the focus on preparation for, and admission to tertiary education; completed in the final two years of secondary schooling.

VCE VM: VCE Vocational Major. A senior secondary qualification with the focus on applied learning; completed in the final two years of secondary schooling.

VET: Vocational Education and Training. These courses are industry defined and delivered to industry standards. VET studies contribute to the VCE and VCE VM in a range of ways.

VTAC: The Victorian Tertiary Admissions Centre is the agency of Victorian tertiary institutions responsible for administering a joint selection system into those institutions. It does not select applicants.

Appendix 1

Planning Grids

When selecting a course of study for VCE it is advisable to plan for the two years of the complete VCE. To assist with planning the course, blank planning grids have been provided below. Also included is a sample planning grid.

Sample Planning Grid

Year 11	Semester 1	Religious Education	English Unit 1	Mathematical Methods Unit 1	Physics Unit 1	History: 20 th Century Unit 1	Biology Unit 1	Specialist Mathematics Unit 1
	Semester 2	Religious Education	English Unit 2	Mathematical Methods Unit 2	Physics Unit 2	History: 20 th Century Unit 2	Biology Unit 2	Specialist Mathematics Unit 1
Year 12	Semester 3	Religious Education	English Unit 3	Mathematical Methods Unit 3	Physics Unit 3	History: Revolutions Unit 3	Specialist Mathematics Unit 3	
	Semester 4	Religious Education	English Unit 4	Mathematical Methods Unit 4	Physics Unit 4	History: Revolutions Unit 4	Specialist Mathematics Unit 4	

Planning Grid

Year 11	Semester 1	Religious Education	English Unit 1					
	Semester 2	Religious Education	English Unit 2					
Year 12	Semester 3	Religious Education	English Unit 3					
	Semester 4	Religious Education	English Unit 4					

Planning Grid

Year 11	Semester 1	Religious Education	English Unit 1					
	Semester 2	Religious Education	English Unit 2					
Year 12	Semester 3	Religious Education	English Unit 3					
	Semester 4	Religious Education	English Unit 4					