



St Joseph's College
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Year 10 Course Selection Handbook

2025

Principal's Introduction

To the future Year 10 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 Year 10 is a time to think about your talents, interests and abilities across a wide range of areas.

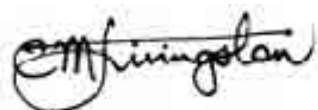
It is important to move towards understanding the type of future you imagine for yourselves. Keep your options open as what you think you may want to do today may be very different from what you want to do in the future. The world of work is rapidly changing, and the sorts of skills you will need in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



Cathy Livingston
Principal



Year 10 and the Victorian Curriculum

The Year 10 program offered by St Joseph's College is informed by Level 10 of the Victorian Curriculum, the State of Victoria's version of the Australian Curriculum.

The Victorian Curriculum requires that students:

- Receive a broad education
- Begin to plan their senior secondary program of study
- Have the opportunity to learn the knowledge and skills defined by each learning area
- Begin to focus on specialisation in preparation for senior secondary schooling
- Can experience the commencement of an aspect of their senior secondary school qualification such as a VCE or VET subject where a student has already demonstrated achievement of the Level 10 knowledge and skills

The St Joseph's College Year 10 curriculum satisfies each of these requirements of the Victorian Curriculum through:

- A comprehensive suite of Core Studies covering the knowledge and skills of the essential studies
- A broad selection of Elective Studies covering the learning areas of the Victorian Curriculum
- A selection of Elective Studies that allows students to expand upon their interests and prepare for the specialisation of senior secondary schooling
- Accelerated Studies that provide eligible students with the opportunity to experience VCE or VCE VET studies



Year 10 Requirements

Satisfactory Completion of Year 9 in order to move to Year 10

To satisfactorily complete Year 9, a student must:

- demonstrate an appropriate level of achievement in his Year 9 studies, achieving 'C' or better in Religious Education, English and Mathematics
- average at least a 'C' in all Year 9 units

Year 10 Enrolment Requirements

1. Demonstrate an appropriate level of achievement in Year 9 studies
2. Selection of a Year 10 Program:
 - Core Studies – Religious Education, English, Mathematics (select one of three options), General Science, History, Commerce, Health and Physical Education
 - Elective studies – three semester-based elective subjects from a range of options

Accelerated Studies

Year 10 students are encouraged to consider undertaking a Year 11 subject as an Accelerated Study. Students who wish to apply for an Accelerated Study will need to demonstrate:

- a high level of achievement in their Year 9 studies
- high organisational skills and demonstrated commitment to all their studies
- a high level of attendance and participation in all school events
- high levels of Work Habits
- an appropriate level of maturity

Students should also have submitted a completed application form in a timely manner.

Students may undertake only one Accelerated Study from either the VCE or VCE VET Unit 1 and 2 options available to Year 10 students. Students who do not maintain a B+ standard in their Accelerated Studies may be withdrawn from that study.

Selecting a Year 10 Program

The *Year 10 Course Selection Handbook 2025* provides comprehensive information on each of the Year 10 units available at St Joseph's College. In selecting a program, students should consider each of the following:

- the information contained in the *Year 10 Course Selection Handbook 2025*
- their own achievement standard in a particular subject area
- their own interest in a particular subject area
- the required prerequisites for tertiary studies
- career paths they are interested in pursuing

In selecting a Year 10 program, students should be aware of the compulsory Core Studies Year 10: Religious Education, English, Mathematics and Health and Physical Education during both Semesters 1 and 2 (that is, for the entire year); General Science, History and Commerce (each over one semester).

There are four Core Mathematics options including – Year 10 Mathematics (General), Year 10 Mathematics (Methods), Year 10 Mathematics (Applied), an Accelerated VCE Mathematics (by invitation only) – and these are explored in greater detail in the Mathematics section.

In addition, students are required to undertake three elective studies chosen from a range of electives. These electives may be able to include accelerated VCE or VCE VET subjects under the College's Accelerated Studies program, provided they meet the requirements of the program.

Once again, when designing a Year 10 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)

Summary of Year 10 Program for 2025

CORE STUDIES – students complete each subject

SUBJECT	SEMESTER	ENTRY	PERIODS (Weekly)
Religious Education	Semester 1 and 2	<ul style="list-style-type: none"> Open 	3
English <ul style="list-style-type: none"> Year 10 English <i>or</i> Year 10 English Skills (application/ invitation) 	Semester 1 and 2	<ul style="list-style-type: none"> Open Invitation and/or application 	6
Mathematics <ul style="list-style-type: none"> Year 10 Mathematics (General) <i>or</i> Year 10 Mathematics (Methods) <i>or</i> Year 10 Mathematics (Applied) <i>or</i> VCE Unit 1 and 2 Mathematical Methods 	Semester 1 and 2	<ul style="list-style-type: none"> Open Open Application and/or Invitation Invitation only 	6
Health and Physical Education	Semester 1 and 2	<ul style="list-style-type: none"> Open 	2
General Science	one semester only	<ul style="list-style-type: none"> Open 	6
History	one semester only	<ul style="list-style-type: none"> Open 	6
Commerce	one semester only	<ul style="list-style-type: none"> Open 	6
Oratory	Semester 1 and 2	<ul style="list-style-type: none"> Open 	1

ELECTIVE STUDIES – students choose three studies

SUBJECT	SEMESTER	ENTRY	PERIODS
Lighthouse*	one semester only	<ul style="list-style-type: none"> Application 	6
Drama	one semester only	<ul style="list-style-type: none"> Open 	6
Media	one semester only	<ul style="list-style-type: none"> Open 	6
Music **	Semester 1 and 2	<ul style="list-style-type: none"> Open 	6
Visual Arts	one semester only	<ul style="list-style-type: none"> Open 	6
Visual Communication Design	one semester only	<ul style="list-style-type: none"> Open 	6
Health	one semester only	<ul style="list-style-type: none"> Open 	6
Advanced Physical Education	one semester only	<ul style="list-style-type: none"> Open 	6
VCE VET Cert. III Sport and Recreation	one semester only	<ul style="list-style-type: none"> Open 	6
VET Agriculture	one semester only	<ul style="list-style-type: none"> Open 	6
Geography	one semester only	<ul style="list-style-type: none"> Open 	6
Legal Studies and Politics	one semester only	<ul style="list-style-type: none"> Open 	6
Year 10 Italian (VCE VET Certificate II Applied Language)**	Semester 1 and 2	<ul style="list-style-type: none"> Open 	6
Year 10 Japanese (VCE VET Certificate II Applied Language)**	Semester 1 and 2	<ul style="list-style-type: none"> Open 	6
Biological Science	one semester only	<ul style="list-style-type: none"> Open 	6
Physical Sciences (Chemistry/Physics)	one semester only	<ul style="list-style-type: none"> Open 	6
Digital Technologies	one semester only	<ul style="list-style-type: none"> Open 	6
Food Studies	one semester only	<ul style="list-style-type: none"> Open 	6
Product Design and Technologies	one semester only	<ul style="list-style-type: none"> Open 	6

* Students may substitute ONE of Core Commerce or History when undertaking the **Lighthouse Elective**

** Students may substitute ONE of Core Commerce or History when undertaking a **Language Elective** or **Year 10 Music**

Accelerated Studies

Year 10 students may undertake one Year 11 study as an Accelerated Study. Students who wish to apply for an Accelerated Study will need to demonstrate:

- a high level of achievement in their Year 9 studies
- strong organisational skills and commitment to their studies
- a high level of attendance and participation in all school events
- high levels of Work Habits
- an appropriate level of maturity

Students should also have submitted a completed application form in a timely manner and may be invited to an interview with a member of the Senior School Academic Panel (as required).

Students may undertake only one Accelerated Study from either the VCE or VCE VET Unit 1 and 2 options available to Year 10 students. Students who do not maintain a B+ standard in their Accelerated Studies may be withdrawn from that study and/or may not be able to directly proceed into the next unit of study in the subject sequence.

Applicants must select three Unit 1 and 2 studies in order of preference, understanding they may not receive their first preference and accepting that the experience of Unit 1 and 2 subject is more important than the subject being studied. Year 10 students must complete Unit 1 and 2 of an accelerated VCE study, so **Accelerated Studies take up two of a student's three electives**.

Students applying for admission to an Accelerated Study do so understanding and accepting the following conditions:

1. Submitting the application does not guarantee entry into the Accelerated Studies Program
2. Late or incomplete applications will not be considered
3. An Accelerated Study is for any student who has demonstrated a high level of achievement, attendance, organisational skills and commitment
4. Applicants must select three Unit 1 and 2 studies in order of preference, understanding they may not receive their first preference and accepting that the experience of Unit 1 and 2 subject is more important than the subject being studied
5. If the application is successful, entry into the class will be dependent on a number of factors, including (i) first priority being given to Year 11 students, (ii) available places,

- (iii) whether the subject runs (iv) timetable constraints (v) Year 9 Semester 2 academic, attendance and behavioural performance
6. Even if the application is successful, approval is conditional based on the student maintaining a B+ in the Accelerated Studies Program and their standard Year 10 studies
 7. Students in the Accelerated Program will attend all classes and other events related to their studies in that subject
 8. Students in the Accelerated Studies Program will attend all College community, sporting and outdoor education events
 9. Students may undertake only one Accelerated Study
 10. Students who complete a VCE Unit 1 and 2 study in Year 10 will undertake a full load of subjects throughout their VCE studies – that is, six VCE Units 1 and 2 sequences (one 3 and 4 if the acceleration continues into Year 11) studies plus Religious Education in Year 11, and five VCE Units 3 and 4 sequences plus Religious Education in Year 12

Students undertaking VCE History Units 1 and 2 may substitute Core History for another elective. Students undertaking VCE Accounting Units 1 and 2, Business Management Units 1 and 2 or VCE Legal Studies may substitute Core Commerce for another elective. Consideration will be given to substituting Core History, Commerce and Science for ‘other’ accelerated studies by application (on a case-by-case basis).

The College will offer MOST Unit 1 and 2 VCE units for Acceleration to Year 10 students in 2025 (subject to availability and meeting application criteria) including for example:

The Arts	
Drama	
Media	
Music Performance	<ul style="list-style-type: none"> ● <i>Students must undertake private instrumental lessons</i>
Visual Arts	
Visual Communication Design	
Visual Arts	
Health and Physical Education	
Health and Human Development	
Physical Education	
Humanities	
Accounting	<ul style="list-style-type: none"> ● <i>Students must demonstrate a high level of achievement in Year 9 in English and Mathematics</i>
Business Management	
Geography	
Modern History	<ul style="list-style-type: none"> ● <i>Students must demonstrate a high level of achievement in Year 9 English</i>
Legal Studies	<ul style="list-style-type: none"> ● <i>Students must demonstrate a high level of achievement in Year 9 English</i>
Science	
Biology	
Psychology	
Technology	
Food Studies	

Product Design and Technology	
VCE VET Information and Communications Technology	

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 the VCE, VCE Vocational Major (VCE VM) or VET.

General enquires and questions about Year 10 course selection:

Andrew Cooper	Deputy Principal (Learning)	acooper@stjosephs.com.au
Guido Piotti	Deputy Principal (Students)	gpiotti@stjosephs.com.au
Liam O'Keefe	Deputy Principal (Community)	lokeefe@stjosephs.com.au
Melissa Young	Head of Learning	myoung@stjosephs.com.au
Vivienne Egan	Director of RTO and Pathways	vegan@stjosephs.com.au
Jacqui Cooke	Year 10 Leader	jcooke@stjosephs.com.au
Carl Di Stefano	Year 10 Learning Leader	cdistefano@stjosephs.com.au
Nelushka Sendapperuma	Year 11 Learning Leader	nsendupperuma@stjosephs.com.au

Subject specific enquiries:

Patrick van Dyk	Head of Religious Education and Service	pvandyk@stjosephs.com.au
Siobhan Duffy	Arts Leader	sduffy@stjosephs.com.au
Emily Watchman	English Leader	ewatchman@stjosephs.com.au
Dylan Price	Health and Physical Education Leader	dprice@stjosephs.com.au
Bronwyn Dean	Head of Music and Ministry	bdean@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
Ranjith Dediwalage	Science Leader	rdediwalage@stjosephs.com.au
Sarah Buxton	Technology Leader	sbuxton@stjosephs.com.au



Religious Education

CORE SUBJECT

Religious Education



Religious Education

CORE STUDY

Contact Person:

Patrick van Dyk

Head of Religious Education and Service

Beginning with a focus on the question “What makes this a Religion?”, the Year 10 course explores the development over time of religions, their practices, and influences. With an emphasis on Aboriginal spirituality and the influence of the Christian traditions. This is followed by a glimpse of the Church in History focusing on the Middle Ages, the events from the Reformation and the various Vatican Councils. Concluding this semester study is a unit on the development of the gospels and the writing in the Gospel of Mark, the message and exploration of the text.

Second semester foci are Relationships and Decision Making. How the religious traditions have, over time, shaped societal expectations, and norms in areas such as personal relationships, helping others in the world and the value of rituals and sacraments in religious traditions that can support good decision making. This study assists students to evaluate their personal understanding and beliefs, their place in society and the influencing factors that are pressuring them today.

What it’s like to study Religious Education?

“Year 10 Religious Education was a subject I looked forward to. It was a chance to reflect upon my spirituality while learning about Christian and other faith traditions. The Masses were a good opportunity to remove myself from the bustle of Senior School studies for a brief time and simply reflect.”

Sean Picknell

Latrobe University, 2019

Subject Details

- Status: **Core**
- Entry: **Open**
- Prerequisites: **None**
- Length: **Semesters 1 and 2**
- Periods per week: **Three**

Future Directions

Religious Education can lead on to the following senior secondary subjects:

- VCE Texts and Traditions
- VCE Religion and Society
- Year 12 Religious Education



English

CORE SUBJECT

English

English Skills

ELECTIVE SUBJECTS

Lighthouse



English

CORE STUDY

Contact Person:
Emily Watchman
English Leader

The Year 10 English course is aimed at preparing students for not only VCE English, but to further enhance and develop their language and literacy skills for all possible pathways. Exploring a variety of genres, students will creatively and analytically express themselves through a range of written tasks. Units of work focus on text studies, presenting and analysing arguments, crafting a range of texts and understanding the structures and features of language. Students are encouraged to critically analyse the issues, ideas and themes present in a wide range of texts and make important links to our current social climate. Students will also consolidate and strengthen their control of language skills through ongoing development of their writing. Activities are designed to develop the skills necessary across all key learning areas to ensure the successful completion of VCE English, English Language or Literature, as well as the VCE Vocational Major (VCE VM) - Literacy.

Victorian Curriculum Strands

- Literacy
- Literature
- Language

What's it like to study English?

“Studying Year 10 English is not the tedious analysis of minute textual aspects that it may appear to be. It develops into both a creative and analytical window into the ethos of literature, discussions over moral questions and the human condition, and consideration of the world around us. Studying English allows one to explore our past, our present, our language and ultimately ourselves in an enjoyable fashion, with the additional benefit of critical and objective analysis, a key component in practical life.”

Lucas Neumaier
Medicine, Monash University, 2019

Subject Details

- Status: **Core option**
- Entry: **Open**
- Prerequisites: **None**
- Length: **Semesters 1 and 2**
- Periods per week: **Six**

Future Directions

Year 10 English can lead on to the following senior secondary subjects:

- VCE English
- VCE English Language
- VCE Literature
- VCE Vocational Major (VCE VM)- Literacy

CORE STUDY

Contact Person:
Emily Watchman
English Leader

The English Skills course is aimed at preparing students for English in the Senior Secondary years, whether for VCE or the VCE Vocational Major. The course seeks to mirror the majority of the mainstream Year 10 English course, but in a more scaffolded manner, assisting those students who find the acquisition of English skills a challenge. Literacy Skills seeks to support students as they explore diverse genres and styles, producing creative, analytical and comparative responses. They will express themselves through a wide range of written and oral tasks. Units of work focus on text studies, presenting and analysing arguments and comparative studies. Upon completion of this course students will be prepared for the VCE Vocational Major (VCE VM)- Literacy and, VCE English.

Victorian Curriculum Strands

- Literacy
- Literature
- Language

Subject Details

- Status: **Core option**
- Entry: **By Application and Invitation**
- Prerequisites: **None**
- Length: **Semesters 1 and 2**
- Periods per week: **Six**

Future Directions

Year 10 Applied Literacy can lead on to the following senior secondary subjects:

- VCE English
- VCE Vocational Major (VCE VM)- Literacy



English Skills



Lighthouse

ELECTIVE STUDY

Contact Person:
Emily Watchman
English Leader

The Lighthouse Program was developed in conjunction with a cluster of Catholic primary schools in the local area to assist in the social-emotional literacy development of boys. The intention is to equip the College's most proficient Year 10 students with the teaching skills to work with Year 5 and 6 boys in various aspects of literacy development. There are two major foci:

- The social/emotional development of boys through a peer-mentoring program
- The academic literacy development of boys in Years 5 and 6

The Lighthouse Program is by application only and is based on a student's level of literacy skills and emotional maturity. Participants in Lighthouse have the opportunity to develop their leadership skills and are considered ambassadors of the College.

Victorian Curriculum Strands

- Literacy
- Literature
- Language

What it's like to study Lighthouse?

"My Lighthouse experience in Year 10 was invaluable. Being able to work co-operatively with primary school students gave me a new and unique perspective on the role of both students and teachers. By assisting them to develop their debating, film-making and IT skills, I and the other Year 10 students undertaking the program were able to develop a great set of communication and presentation skills, while also gaining plenty of insight into the education system. Lighthouse was one of the most valuable experiences I have had here as a student at St Joseph's College, and one whose skills I have continued to use, well after Year 10 and into VCE."

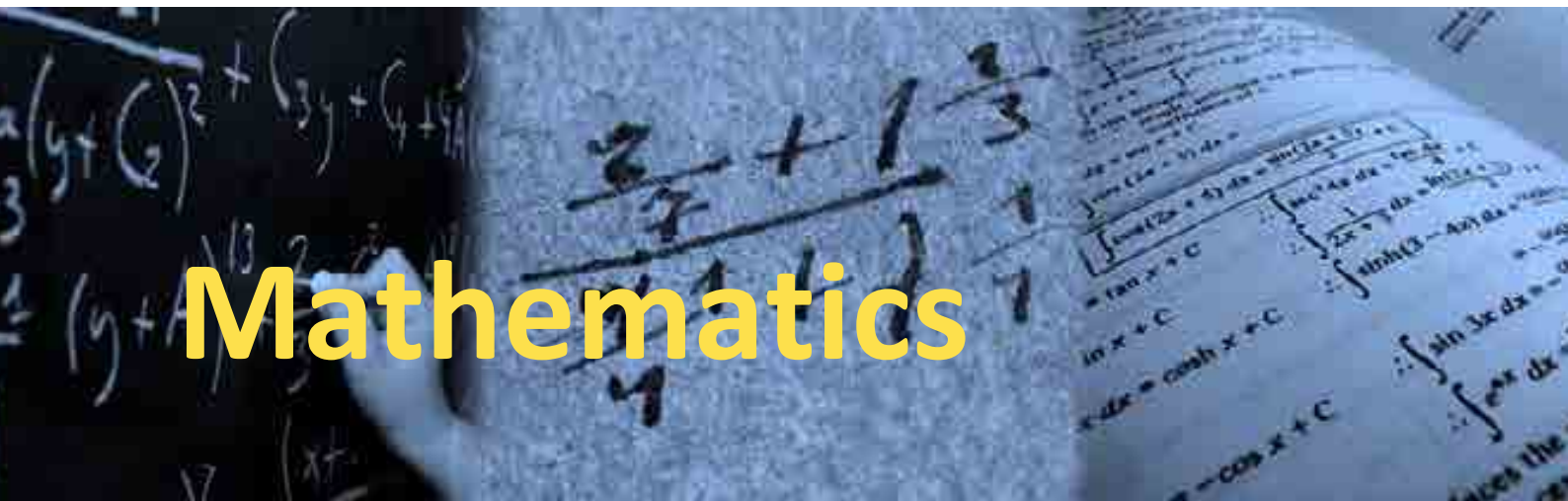
Billy Franes, Year 12 2019

Subject Details

- Status: **Elective**
- Entry: **By Application**
- Prerequisites: **High level of achievement in Year 9 English**
- Length: **One semester only**
- Periods per week: **Six**
- Substitution: *Students undertaking Lighthouse may substitute Core Commerce OR Core History for ONE other Elective*

Future Directions

- VCE English
- VCE English Language
- VCE Literature
- VCE Media



Mathematics

CORE SUBJECTS

Year 10 Mathematics – General

or

Year 10 Mathematics – Methods

or

Year 10 Mathematics – Applied



Mathematics - General

CORE STUDY

Contact Person:
Ashleigh Fleming
Mathematics Leader

This course has been designed for students who wish to complete Year 11 General Mathematics/ Year 12 General Mathematics or who wish to complete a VCE Vocational Major (VCE VM) pathway. It has a broad focus and covers many concepts that are associated with real world situations and apply to a wide array of career opportunities linked to both TAFE and University pathways. It is designed as an accessible course to cater for a wide range of student abilities. There is a lesser focus on Algebra and a bigger focus on the areas of Statistics and Probability and Measurement and Geometry. Application questions are a key focus of this course along with understanding how maths can be applied to problems. General Mathematics at Year 12 is a prerequisite study for many University courses.

Victorian Curriculum Strands

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability

Subject Details

- Status: **Core option**
- Entry: **Open**
- Prerequisites: **None**
- Length: **Semesters 1 and 2**
- Periods per week: **Six**

Future Directions

Mathematics (General) can lead on to the following senior secondary subjects:

- VCE General Mathematics
- VCE Vocational Major (VCE VM)- Numeracy



Mathematics – Methods

CORE STUDY

Contact Person:
Ashleigh Fleming
Mathematics Leader

This is a rigorous course designed to extend students' knowledge beyond the Year 10 VELs expectations and will look at concepts covered by the 10A mathematics curriculum. As this course is a prerequisite for the study of Mathematical Methods and Specialist Mathematics at VCE, this course has a strong focus on the algebra content and there is an increased level of complexity across all topic areas. Main topic areas covered in this course are: Algebra, Graphs and Functions, Measurement and Geometry and Statistics and Probability. Many University courses in the fields of Science, Mathematics, Business, Engineering and Medicine require VCE Mathematical Methods Units 3 and 4 as a prerequisite study. Students will require their own Casio CAS calculator for this course (this calculator will also be required for all VCE mathematics courses).

Victorian Curriculum Strands

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability

Subject Details

- Status: **Core option**
- Entry: **Open**
- Length: **Semesters 1 and 2**
- Periods per week: **Six**

- Prerequisites: **High level (above 75% average) of achievement in Year 9 Mathematics**

Future Directions

Mathematics (Methods) can lead on to the following senior secondary subjects:

- VCE General Mathematics
- VCE Mathematical Methods
- VCE Specialist Mathematics
- VCE Vocational Major (VCE VM)- Numeracy



Mathematics – Applied

CORE STUDY

Contact Person:
Ashleigh Fleming
Mathematics Leader

This course has been designed to assist with building up students' essential mathematical skills and knowledge. With a view towards a VCE Vocational Major (VCE VM) pathway, Mathematics - Applied focuses on employability skills looking at real world knowledge; with students studying Number, Percentage, Business Mathematics, Chance and Data, Algebra, Measurement, Trigonometry and Statistics. The course utilises applied teaching to teach content in a real-world context. Students will work towards strengthening their problem-solving skills and application skills in this course. As this course runs at a more accessible pace and does not cover the same content as the Year 10 General Mathematics course, students may find the transition into Year 11 General Mathematics to be a significant jump in terms of content and speed of the course.

Victorian Curriculum Strands

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability

Subject Details

- Status: **Core option**
- Entry: **By invitation**
- Prerequisites: **None**
- Length: **Semesters 1 and 2**
- Periods per week: **Six**

Future Directions

Mathematics - Applied can lead on to the following senior secondary subjects:

- VCE Vocational Major (VCE VM)- Numeracy



Science

CORE SUBJECT

Year 10 General Science

ELECTIVE SUBJECTS

Year 10 Biological Science

Preparation for VCE Biology

Year 10 Physical Sciences

Preparation for VCE Chemistry and VCE Physics

OPPORTUNITIES FOR ACCELERATION

(subject to availability and successful application)

VCE Biology or VCE Psychology



General Science

CORE STUDY

Contact Person:
Ranjith Dediwalage
Science Leader

The study of Science enables students to develop an understanding of the world around them and learn some fundamental scientific concepts. At Year 10, the General Science course focuses on the areas of Physics, Chemistry, Biology and Space Science. Students learn to think scientifically, developing skills in reasoning, identifying, and controlling variables, and interpreting and analysing data. Students investigate scientific phenomena using practical and theoretical tasks, and communicate their findings.

Victorian Curriculum Strands

- Science understanding
- Science inquiry skills

What is it like to study General Science?

“In General Science, we were introduced to the studies of space science, chemistry, biology, and physics, which we learnt skills and ideas that prepared us for VCE sciences. General science contained interesting and engaging activities that provided us with an insight into VCE science. We looked into

the Big Bang and the evolution theory, atoms and their interactions, adaptations of animals and how they increase chances of survival, and the laws of motion.”

Alex Wolfe, Year 12 2019

Subject Details

- Status: **Core**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

There are two Science elective studies available in the Year 10 Program:

- Biological Science
- Physical Sciences

General Science can lead on to the following senior secondary subjects:

- VCE Biology
- VCE Chemistry
- VCE Physics



Biological Science

ELECTIVE STUDY

Contact Person:
Ranjith Dediwalage
Science Leader

Year 10 Biological Science develops a biological understanding of the complexities of living things and their environments. The course is aimed at developing key skills and knowledge to assist studies in VCE Biology. Whilst Biological Science is not a prerequisite for VCE Biology, it is highly recommended. Students investigate cells, their structure and organisation and cell organelles and their functions. They investigate how materials are transported into and out of cells. They will learn about important biological concepts such as surface area to volume ratio. They will learn about DNA, enzymes and how genes function. Students learn about the concepts of pathogens and how the immune system functions to protect. They investigate how immunity is developed and how organisms have multiple layers of defence. Students learn about evolution and natural selection. They investigate the fossil evidence for the development of the human species. They will learn about gene technology and modern applications such as CRISPR gene editing.

Victorian Curriculum Strands

- Science understanding
- Science inquiry skills

What it's like to study Biological Science?

“As a Year 12 VCE Biology student looking back on the Biological Science elective, it is as clear that this Year 10 course was a fantastic preparation for my Year 12 science studies. There are echoes of the Year 10 course throughout the VCE Year 11 and 12 courses, improving both my skills and the depth of understanding in this subject. Conducting similar experiments, except with more in-depth terminology and practices, and having the basics already covered, ensures that deep learning occurs. Even the teacher is the same! The Biological Science I completed in Year 10 paved the way for my senior studies.”

Jordan Donnelly, Paramedicine, Victoria University

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Biology



Physical Sciences

ELECTIVE STUDY

Contact Person:
Ranjith Dediwalage
Science Leader

The focus of the Physical Sciences Elective is the study of Chemistry and Physics. Studying Chemistry will enable students to develop an understanding of the fundamentals of chemical bonding and balancing chemical equations, the understanding of chemical reactions and how they can be affected. The study of Physics will enable students to develop an understanding of the laws governing motion and the application of these laws to flight and to aerodynamics as well as the basic concepts of magnetism and electricity. They will develop an awareness of the practical application of the concepts they encounter in their investigation of these two great disciplines to real world scenarios and develop skills in the exploration and communication of scientific ideas.

Victorian Curriculum Strands

- Science understanding
- Science inquiry skills

What it's like to study Physical Science?

"The Physical Sciences elective last year was an enjoyable experience with us doing plenty of hands-on pracs that got us involved with others. We learned about the periodic table and plenty of important skills that were needed to take us into VCE Chemistry or Physics or maybe both. I would highly recommend someone wanting to do Science in Year 11 and 12 to start off with Year 10 Physical Sciences Elective."

Christopher Westcott, Year 12 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Chemistry
- VCE Physics
- VCE Biology



Humanities

CORE SUBJECTS

Year 10 Commerce

Year 10 History

ELECTIVE SUBJECTS

Year 10 Geography

Year 10 Legal Studies and Politics

OPPORTUNITIES FOR ACCELERATION

(subject to availability and successful application)

VCE Accounting

or

VCE Business Management

or

VCE Geography

or

VCE Modern History



Commerce

Contact Person:
Ian Horsburgh
Humanities Leader

The Year 10 Commerce course introduces the key learning outcomes of VCE Commerce subjects: Accounting, Economics, Legal Studies, and Business Management. In the Business Management portion, students explore the world of business, learning about starting a business and keeping it profitable. In Accounting and Finance students explore the different ways of saving, budgeting, and spending to maximise their financial wellbeing. In Economics students examine how businesses, governments and households attempt to balance needs and wants with limited resources. Students analyse key economic questions and the market system. In Government and Your Say students are introduced to the government in Australia, examining the nature of our Parliamentary system and the importance of the Constitution.

Victorian Curriculum Strands

- Resource allocation and making choices
- The business environment
- Consumer and financial literacy
- Work and work futures
- Enterprising behaviours and capabilities
- Government and democracy
- Laws and citizens
- Citizenship, diversity, and identity
- Reasoning and interpretation

What is it like to study Commerce?

"I found Year 10 Commerce very interesting and practical for providing informed pathways into VCE Commerce. I personally enjoyed the introductory Economics and Accounting topics, whereas some of my friends preferred the Business Management and Legal Studies units, but we all agree, Year 10 Commerce was an extremely useful elective."

Christian Kiel, Year 12 2019

Subject Details

- Status: **Core**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**
- Substitution: **Core Commerce may be substituted for ONE other elective by students undertaking Lighthouse or a Language**

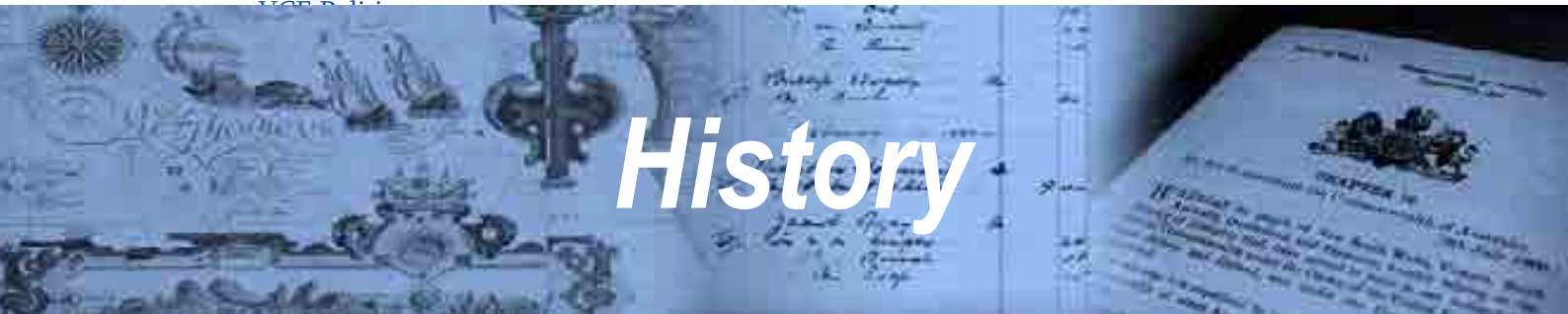
Future Directions

There are two Humanities elective studies available in the Year 10 Program:

- Geography
- Legal Studies and Politics

Commerce can lead on to the following senior secondary subjects:

- VCE Accounting
- VCE Business Management
- VCE Economics
- VCE Legal Studies



History

CORE STUDY

Contact Person:
Ian Horsburgh
 Humanities Leader

The Year 10 History course focuses on Australian History and Twentieth Century World History. Australian History investigates how Australia developed in terms of the social, political, and cultural structures and traditions and includes a consideration of Aboriginal and Torres Strait Islander communities, significant people and events such as Federation, the Great Depression and the two World Wars. The course presents students with the opportunity to develop the vital Twenty-first Century skills of communication, collaboration, interpretation, and creativity all in the context of fascinating discoveries about our past.

Victorian Curriculum Strands

- Historical concepts and skills
- Historical knowledge

What is it like to study History?

“In Year 10 History we covered a range of topics including Nazi Germany, propaganda, the Japanese attacks on Australia, atomic bombs and indigenous history. In class we worked on skills like researching, writing extended responses and analysing historical sources. I enjoyed learning about events in the past about which I knew nothing. In particular I found the details of the Japanese attacks on Australia and the indigenous freedom rides very interesting.”

Joel Francis, Year 12 2019

Subject Details

- Status: **Core**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**
- Substitution: *Core History may be substituted for ONE other elective by students undertaking Lighthouse or a Language*

Future Directions

There are two Humanities elective studies available in the Year 10 Program:

- Geography
- Legal Studies and Politics

History can lead on to the following senior secondary subjects:

- VCE Geography
- VCE Modern History
- VCE Politics



Geography

ELECTIVE STUDY

Contact Person:
Ian Horsburgh
Humanities Leader

The Year 10 Geography Elective course examines the lasting and changing aspects of society at a global, regional and local level. It compares and contrasts the processes which have caused changes to the natural and human environments within and outside of Australia. This course also analyses the way different societies manage their resources.

Victorian Curriculum Strands

- Geographical concepts and skills
- Geographical knowledge

What it's like to study Geography?

“Geography was very enjoyable due to the topics we studied such as Population issues and environmental sustainability. We did a field trip last year to Ferny Creek and it was really interesting to learn things that I would have never considered as human impact and management of the local area. The style of learning was really interesting, observing and interpreting a variety of maps and graphs with interesting data.”

Zac Walden, Year 12 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Geography



Legal Studies and Politics

ELECTIVE STUDY

Contact Person:
Ian Horsburgh
Humanities Leader

This course focuses on criminal and civil Law, different forms of government and the role of the police in Victoria. In studying criminal law, civil law and the courts, students come to know the difference between civil and criminal law, and also investigate the role of law enforcement agencies and the consequences of not abiding by the law. They also come to an understanding of Australia's Court system. The concepts of summary and indictable offences, the age of criminal responsibility and how rights are protected in Australia, as well as a global view of human rights is also studied. Students also participate in a mock-trial to demonstrate their understanding of the Australian Legal System. Students explore the role of government in Australia, examining the nature and structure of our Parliamentary system and the importance of the Constitution. They also consider different forms of government around the world, analysing the impact of alternate political systems upon law making and society. They explore the characteristics of different political parties in Australia and the election process and the ability of people to change and implement laws in Australia.

Victorian Curriculum Strands

- Government and democracy
- Laws and citizens
- Citizenship, diversity and identity
- Reasoning and interpretation

What it's like to study Legal Studies and Politics?

"I enjoyed Year 10 Legal/Politics because it gave me the opportunity to learn about Australian politics and how the court systems work in relation to criminal and civil court cases. We had many interesting class discussions, and it was good to be able to experience what an actual election might be like and to be able to organise our own political party. Before Year 10 Legal I was very blind to how the court systems worked and how our own leaders are put into power, and I am glad that I was able to learn these essential aspects of life in this great class."

Noah Gardiner, Bachelor of Arts, Australian Catholic University

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Legal Studies
- VCE Politics



Health and Physical Education

CORE SUBJECT

Year 10 Health and Physical Education

ELECTIVE SUBJECTS

Year 10 Health

Year 10 Advanced Physical Education Year 10 Sport and Recreation

OPPORTUNITIES FOR ACCELERATION

(subject to availability and successful application)

VCE Health and Human Development

or

VCE Physical Education



Health and Physical Education

CORE STUDY

Contact Person:

Dylan Price

Health and Physical Education Leader

In a combination of theory and practical classes across the year, students participate in a wide variety of competitive and recreational activities designed to get them active and promote lifelong learning through physical exercise and valuable theoretical classes. The theory classes cover a wide variety of topics enabling students to learn more about themselves and how they can interact with each other safely. Topics covered include: Relationships, First Aid, the Muscular System, the Skeletal System, and a detailed look at Australia's Physical and Sedentary Behaviour Guidelines.

Victorian Curriculum Strands

- Movement and Physical Activity
- Personal, Social and Community Health

What is it like to study Health and Physical Education?

“Year 10 Physical Education has given us the opportunity to learn some fantastic lifelong skills. We learnt about how our body works and how we should fuel it for sporting performance. All the skill and knowledge learnt we can apply to our lives outside of school. It was a great mix of theory and practical classes.”

Trent Easton, Year 12 2019

Subject Details

- Status: **Core**
- Entry: **Open**
- Prerequisites: **None**
- Length: **Semesters 1 and 2**
- Periods per week: **Two**

Future Directions

There are two Health and Physical Education elective studies available in the Year 10 Program:

- Health
- Physical Education

Health and Physical Education can lead on to the following senior secondary subjects:

- VCE Physical Education
- VCE Health and Human Development
- VCE VET Certificate III Sport and Recreation
- VCE Vocational Major (VCE VM)- Personal Development Skills



ELECTIVE STUDY

Contact Person:

Dylan Price

Health and Physical Education Leader

Health Education classes aim to raise awareness of the benefits of a healthy and active lifestyle. The subject takes a detailed look at health knowledge and promotion. Students are introduced to terminology such as government and non-government bodies, dimensions of health, the stages of human development, influences on development, nutrients, and health resources, products and services. This is an ideal preparation for VCE Health and Human Development.

Victorian Curriculum Strands

- Personal, Social and Community Health

What it's like to study Health?

“Year 10 Health was an enjoyable and informative part of my Year 10 experience. I am looking at pursuing a career where having an understanding of physical, psychological and world health is really important, and Year 10 Health was vital to building a comprehensive level of such understanding. It taught me a lot of skills and information and has certainly met my expectations”.

Tyler Pidgeon, Year 11 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Health and Human Development



Advanced Physical Education

ELECTIVE STUDY

Contact Person:

Dylan Price

Health and Physical Education Leader

Advanced Physical Education covers the prerequisite knowledge ideal for those selecting VCE Physical Education Units 1 and 2 in the following year. Students investigate the contribution of Energy Systems to performance in physical activity. In particular, they investigate the characteristics of each system and the interplay of the systems during physical activity. Students explore the multi-factorial causes of fatigue and consider different strategies used to delay and manage fatigue and to

promote recovery. Lab classes reinforce the learning undertaken in theoretical classes. Although the course has a heavy theory bias, students also experience a range of sports aiming to improve their skills, knowledge and fitness. A high level of engagement and application is expected in this advanced subject.

Victorian Curriculum Strands

- Personal, Social and Community Health

What it's like to study Advanced Physical Education?

“Studying Advanced Physical Education in Year 10 was a terrific experience. I was able to apply the information that I was taught to my own sporting life and it gave me a greater understanding of body systems and sporting performance. The content gave me some fantastic insight into the theoretical and practical demands of Physical Education as a subject, and no doubt set me up well for VCE Physical Education. I highly recommend choosing this subject.”

Aaron Hoffman, Year 11 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Physical Education



VCE VET Certificate III Sport and Recreation

ELECTIVE STUDY

Contact Person:

Dylan Price

Health and Physical Education Leader

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.

This certificate is undertaken over Years 10, 11 and 12. Year 10 Sport and Recreation elective unit covers the initial taster introduction units of the certificate.

Major assessment tasks undertaken during the Year 10 Sport and Recreation elective unit includes a Level Two First Aid Qualification and a four-day mountain bike ride excursion to Forrest, Victoria. Students undertake a set period of practical hours learning a variety of games and basic teaching skills in order to operate effectively in the sporting environment. Occupational Health and Safety in sporting environments in Australia is also a major focus. Students learn about basic coaching skills and the structure of Sport in Australia.

	Unit Code	Topic	Hours
Year 10 Sport and Recreation	SISOCYT002	Ride bicycles on roads and pathways, easy conditions	15
	SISOCYT004	Ride off-road bicycles on easy trails	25
	BSBWOR204	Use bicycle technology	20
	HLTAID003	Provide First Aid	18
	SISXEMR001	Respond to emergency situations	18

Victorian Curriculum Strands

- Personal, Social and Community Health

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- Unit 1 and 2 VCE VET Certificate III Sport and Recreation Health and Human Development
- Unit 3 and 4 VCE VET Certificate III Sport and Recreation Health and Human Development

The Arts

ELECTIVE SUBJECTS

Year 10 Drama

Year 10 Media

Year 10 Music

Year 10 Visual Arts

Year 10 Visual Communication Design

OPPORTUNITIES FOR ACCELERATION

(subject to availability and successful application)

VCE Drama

or

VCE Media

or

VCE Music Performance

or

VCE Art Creative Practice

or

VCE Visual Communication Design



Drama

ELECTIVE STUDY

Contact Person:
Siobhan Duffy
Arts Leader

Year 10 Drama is a study that explores various styles of non-naturalistic theatre. Students will explore and develop alternative ways of presenting various ideas and concepts using dramatic metaphors and symbolism. Students will study Theatre of the Absurd, Theatre of Cruelty, Poor Theatre and Brecht's Epic Theatre. Students will write, develop, refine and present their own short plays that are sure to prick the conscience. This is a study that develops and nurtures student creativity, communication, collaboration and critical thinking.

Victorian Curriculum Strands

- Explore and express ideas
- Drama practices
- Present and perform
- Respond and interpret

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Drama
- VCE Media



Media

ELECTIVE STUDY

Contact Person:
Siobhan Duffy
Arts Leader

Year 10 Media students will develop an understanding of the relationships between the various forms of media, representations in each of the forms and technology and the influence of its many forms on media production. They will develop an awareness of the complexities of, and factors and issues that affect, media production and the production process. Students will also explore and analyse the Horror genre, animation, and experimental films. Students explore, analyse and apply media codes in various forms.

Victorian Curriculum Strands

- Explore and represent ideas
- Media arts practices
- Present and perform
- Respond and interpret

What is it like to study Media?

“Media allows students to develop skills in analysing various media products and using these techniques to produce our own products. The Year 11 Media course gives students the opportunity to use industry professional software whilst studying media forms and codes and conventions. You’ll never look at film and television the same way again!”

Brandon Cameron, Year 12 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Media
- VCE Drama
- VCE Visual Communication and Design



Music

ELECTIVE STUDY

Contact Person:
Bronwyn Dean
Head of Music and Performance

Year 10 Music offers students opportunities to approach the study of music as performer, as creator of music or arrangements and as a person who studies musical works from diverse cultural and historical traditions. The Year 10 Music program prepares the students for further studies in VCE Music Performance and focuses on building performances in both a group and solo format. Students study aural and theory concepts to develop their musicianship skills and begin to increase their music terminology. Students spend an entire unit focussing on composition and song writing for their instrument. As they experience music, students draw on music from a range of cultures, times and locations and they aurally and visually analyse works and performance of different styles. Analysis of the elements of music is an essential part of the unit and students apply this knowledge when they are preparing for and presenting performances.

The 3 areas of study are:

- Performance
- Performance Technique
- Musicianship

Victorian Curriculum Strands

- Explore and express ideas
- Music practices
- Present and perform
- Respond and interpret

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **Play, or intend to learn, an instrument (including Voice)**
- Length: **Semesters 1 and 2**
- Periods per week: **Six**

Future Directions

- VCE Music Performance



Visual Arts

ELECTIVE STUDY

Contact Person:
Siobhan Duffy
Arts Leader

Year 10 Visual Arts provides students with the opportunity to explore different art mediums and techniques such as drawing, painting, printmaking, and mixed media. The course requires students to make and present artworks which explore themes, issues and ideas. They will explore design elements and principles such as line, colour, shape, form and texture within their development folio. They will generate, develop and refine a range of ideas in their visual diaries through the practical application of the studio process. Students structure and present artworks appropriate to chosen styles and forms. Some styles and forms will reflect the exploration of specific artists. Students are also required to analyse and interpret the content, structure and aesthetic qualities of artworks. They analyse the characteristics and role of art in different cultural contexts.

Victorian Curriculum Strands

- Explore and express ideas
- Visual Arts practices
- Present and perform
- Respond and interpret

What is it like to study Visual Arts?

“Choosing Visual Arts allowed me to follow my creative instincts. There is a focus of developing a freedom of expression which breaks the mould of other subjects and school in general. It let me do what I feel to be most meaningful to me.”

Ethan Power, Year 12 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Art Creative Practice
- VCE Visual Communication Design



Visual Communication Design

ELECTIVE STUDY

Contact Person:
Siobhan Duffy
Arts Leader

Year 10 Visual Communication Design provides students with the opportunity to use the design process to develop skills in the application of freehand and instrumental drawing and an understanding of the design elements and principles in the generation and development of 2D and 3D solutions to set tasks. Different drawing techniques are explored and enhanced by the use of computer aided design, using programs such as Photoshop and Illustrator. They are also introduced to the use of typography, colour, layouts and a variety of presentation techniques. Students research past and present designers as a source of ideas and inspiration and to gain an understanding of the different ways information can be conveyed using visual means.

Victorian Curriculum Strands

- Explore and represent ideas
- Visual communication design practices
- Present and perform
- Respond and interpret

What is it like to study VCD?

“I enjoyed studying VCD because it gave me an opportunity to develop my drawing skills. This subject allows you to extend your traditional drawing by converting them into a range of digital applications for all sorts of presentations. The chance to use the industry software (Photoshop, InDesign, Illustrator) was an added bonus.

Mackinley Hewitt, Year 11 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**

- Length: **One semester only**
- Periods per week: **Six**

Future Directions



Languages

ELECTIVE SUBJECTS

Year 10 Italian

(VCE VET Certificate II Applied)

Year 10 Japanese

(VCE VET Certificate II Applied Language)



Year 10 Italian

(VCE VET Certificate II Applied Language)

ELECTIVE STUDY

Contact Person:

Hannah Mole

Languages Leader

Year 10 Italian (VCE VET Certificate in Applied Language) covers themes and topics, grammar, text types, vocabulary and kinds of writing. Some of the topics that may be covered are, Historical Perspectives, the World of Work, Social and Contemporary Issues, Lifestyle in Italy and abroad, The Arts and Entertainment. Reading, writing, speaking and listening to Italian are the four main areas of skill development. The language is modern standard Italian in both written and spoken forms. Students should be familiar with informal and formal levels of language.

Set topics will be based on the four units needed in order to achieve Certificate II in Applied Language (Italian). One of these units was completed in Year 9. The completion of Certificate II in Year 10 is a prerequisite to do Italian in Year 11. Year 10 Italian is taken as a sequence and thus uses two electives.

Victorian Curriculum Strands

- Communicating
- Understanding

What's it like to study Italian?

“VET Italian was phenomenal. It gave me a chance to improve my speaking skills as well as learning how to listen and write with confidence. The many excursions we went on were very beneficial for indulging in the culture of Italy within our own city. We also competed in the Dante Alighieri Poetry

Competition which was a delight to compete in. It enabled us to improve our speaking and fluency whilst also meeting new people. Overall, Year 10 Italian was an excellent experience nonetheless.”

Christian Caron, Year 11 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: Satisfactory **Completion of Year 9 Italian**
- Length: **Semesters 1 and 2**
- Periods per week: **Six**
- Substitution: *Students undertaking Languages may substitute Core Commerce OR Core History for one other Elective*

Future Directions

- VCE VET Certificate III Applied Language (Italian)



Year 10 Japanese

(VCE VET Certificate II Applied Language)

ELECTIVE STUDY

Contact Person:
Hannah Mole
Languages Leader

Year 10 Japanese (VCE VET Certificate in Applied Language) covers themes and topics, grammar, text types, vocabulary, and kinds of writing common to all four units of the study. Some of the topics covered are, Historical Perspectives, the World of Work, Social and Contemporary Issues, Lifestyle in Japan and abroad, and The Arts and Entertainment. Reading, writing, speaking and listening to Japanese are the four main areas. Modern standard Japanese in both written and spoken forms is the focus of the study. Students should be familiar with informal and formal levels of language. Hiragana and Katakana syllabaries and a prescribed number of Kanji (Chinese characters) will be studied. Set topics will be based on the four units needed in order to achieve Certificate II in Applied Language (Japanese). One of these units was completed in Year 9. The completion of Certificate II in Year 10 is a prerequisite to do Japanese in Year 11. Year 10 Japanese is taken as a sequence and thus uses two electives.

Victorian Curriculum Strands

- Communicating
- Understanding

What's it like to study Japanese?

“Learning Japanese was extremely enjoyable and every lesson I learnt new things about the language and culture. I gained so many more skills than simply speaking another language. The small numbers of the class allowed us to grow closer as a class and create an environment where everyone wanted to learn. I found myself looking forward to Japanese every week. But I will remember the experience and skills I learnt in Japanese for the rest of my life.”

Owen Liddell, Year 11 2019

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **Completion of Year 9 Japanese**
- Length: **Semesters 1 and 2**
- Periods per week: **Six**
- Substitution: *Students undertaking Languages may substitute Core Commerce OR Core History for one other Elective*

Future Directions

- VCE VET Certificate III Applied Language (Japanese)



Technology

ELECTIVE SUBJECTS

Year 10 Digital Technologies

Year 10 Food Studies

Year 10 Product Design and Technologies

OPPORTUNITIES FOR ACCELERATION

(subject to availability and successful application)

VCE Food Studies
or
VCE Music Performance
or
VCE VET: Information and Communications
Technology
or
VCE Product Design and Technologies
or
VCE Systems Engineering



Digital Technologies

ELECTIVE STUDY

Contact Person:
Sarah Buxton
Technology Leader

Year 10 Digital Technologies provides students with the skills and knowledge to turn data into information and solve problems using a problem-solving methodology. The course will also examine personal computers and emerging technologies and review their impact on people, organisations and the wider society. Students are introduced to the use of Digital Information Technology in Solving Information Problems in Organisations. Electronic tools such as Microsoft Excel and elements of multimedia are used to solve problems.

- Digital systems
- Data and information
- Creating digital solutions

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE VET Certificate II/III Information and Communications Technology
- VCE Media



Food Studies

ELECTIVE STUDY

Contact Person:
Sarah Buxton
Technology Leader

Year 10 Food Studies provides students with the skills required to produce a range of food products using a range of complex processes and a variety of equipment. Students will also be introduced to the

design process which includes designing, producing and evaluating products made. Students also investigate the impacts of diet on disease and explore the issues behind why certain foods are good or bad for you. They will be developing both their thinking skills and practical skills in the kitchen which will provide them with knowledge about making the correct food choices now and in their future.

Victorian Curriculum Strands

- Technologies and society
- Technologies contexts
- Creating designed solutions
- Personal, Social and Community Health

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Food Studies
- VCE Health and Human Development



Product Design and Technologies

ELECTIVE STUDY

Contact Person:
Sarah Buxton
Technology Leader

Year 10 Product Design and Technologies provides students with the opportunity to work on specific projects. The outcomes of this subject are to provide each student with a good knowledge base of workshop hand and power tools, OH&S regulations for the workshop, and the basics of working drawings and documents needed to build a product.

Victorian Curriculum Strands

- Technologies and society
- Technologies contexts
- Creating designed solutions

Subject Details

- Status: **Elective**
- Entry: **Open**
- Prerequisites: **None**
- Length: **One semester only**
- Periods per week: **Six**

Future Directions

- VCE Product Design and Technologies
- VCE Systems Engineering
- VET Certificate II Building and Construction

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 the VCE Vocational Major (VCE VM) Program. 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 the VCE Vocational Major. 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/III in Applied Language (Italian and Japanese)
- Certificate II in Building and Construction
- Certificate II in Electrotechnology
- Certificate II/III in Information and Communications Technology (ICT)
- Certificate III in Sport and Recreation
- Certificate II in Plumbing

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

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 ICT. Other VET courses, such as Automotive and Plumbing, provide credits to the VCE or the VCE Vocational Major (VCE VM).

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

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:

AHCOHS201A	Participate in OHS processes
AHCWRK209A	Participate in environmentally sustainable work practices
AHCBIO202A	Follow site quarantine procedures
AHCINF202A	Install, maintain and repair fencing
AHCPMG202A	Treat plant pests, diseases and disorders
MEM18001C	Use hand tools
AHCWRK201A	Observe and report on weather
AHCLSK213A	Clean out production sheds
AHCPHT202A	Carry out canopy maintenance
AHCPHT203A	Support horticultural crop harvesting
AHCPHT201A	Plant horticultural crops

VCE VET Agriculture

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.

They undertake study in:

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

VCE VET APPLIED LANGUAGE

The VCE VET Applied Language program provides a pathway for students undertaking language studies in the middle school through to senior school. VCE VET Applied Language offers two distinct programs:

- Program 1: 10297NAT Certificate II in Applied Language
- Program 2: 10661NAT Certificate III in Applied Language

For the VCE VET Applied Language programs, the identified units of competency have been grouped to form Units 1 and 2 (Years 9 and 10) and a Units 3 and 4 sequence (Year 11) for VCE recognition purposes.

VCE VET Agriculture

Program 1: 10297NAT Certificate II in Applied Language

Program 1: 10297NAT Certificate II in Applied Language provides four core units of competency as set out in the accredited curriculum document. Students are required to complete the core units of competency in order to complete the qualification. The units of competency in the program form Units 1 and 2 for VCE recognition purposes.

They undertake study in:

NAT10949001	Conduct basic oral communication for social purposes in a language other than English
NAT10949002	Conduct basic workplace oral communication in a language other than English
NAT10949003	Read and write basic documents for social purposes in a language other than English
NAT10949004	Read and write basic workplace documents in a language other than English

Program 2: 10661NAT Certificate III in Applied Language

Certificate III in Applied Language provides four core units of competency. Students are required to complete the core units of competency in order to complete the qualification. These units are undertaken in Semester II of Year 10 and throughout Year 11 (Semesters 1 and 2). Successful completion of the 10297NAT Certificate II in Applied Language (or equivalent) is an entry requirement for the Certificate III.

CALOCS301	Conduct routine oral communication for social purposes in a language other than English
CALOCW302	Conduct routine workplace oral communication in a language other than English
CALRWS303	Read and write routine documents for social purposes in a language other than English
CALRWW304	Read and write routine workplace documents in a language other than English

VET BUILDING and CONSTRUCTION

(RTO 21710 St Joseph's College)

Certificate II in Building and Construction is designed for students 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:

CPCGWHS1001	Prepare to work safely in the construction industry	6	C
	Apply OHS requirements, policies and procedures in the	20	
CPCCOHS2001	construction industry		C
VU22022	Identify and handle carpentry tools and equipment	100	C
CPCCCM2006	Apply basic levelling procedures	8	C
VU22024	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
CPCCCM1012	Work effectively and sustainably in the construction industry	64	C
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
VU22014	Prepare for work in the building and construction industry	24	C

VET 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 on 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

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

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:

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

UEENEEP024A	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
Hospitality	Aquinas College
Information Technology (Gaming)	Ringwood Training/Swinburne University
Kitchen Operations	Aquinas College
Laboratory Skills	Swinburne University
Music – Sound Production	Aquinas College
Sport and Recreation	Aquinas College (VCE Vocational Major (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 Vivienne Egan, Director of RTO and Pathways (vegan@stjosephs.com.au).

