

# Marian College Myrtleford

# VCAL | VCE 2021 Course Handbook

VCAL | VCE 2021 Course Handbook Marian College and Myrtleford P12 College - VCE Partnership Small School Advantages with Large School Choices

## Marian College and Myrtleford P12 College Interschool Links

(established in 1979)

#### Historical Beginnings:

Marian College and Myrtleford Secondary College have worked together since 1979 to offer senior students a far greater choice of studies than either school could offer individually.

In 1977 the Country Education Project began in Victoria with the Ovens and King region surrounding Myrtleford as one of its six pilot areas. The aim of this project was to provide for the greatest educational needs of the schools and community. These needs could best be met through a cooperative sharing of expertise, facilities and equipment amongst all the parties. Here was the impetus for real sharing between the two secondary schools. By 1979, having experienced the sharing of computers and ski equipment provided by CEP, teachers from Marian College and Myrtleford Secondary College began the formal cooperation which has continued to grow ever since.

In 1980 students from both schools studied HSC Legal Studies and Art at Marian, while Pure and Applied Mathematics were studied at Myrtleford Secondary College. In 1982 the scheme was extended into Year 11. Now a more comprehensive sharing of all VCE units is well established. Students who take part in the scheme appreciate the added dimension to their senior schooling.

Both schools are proud to offer a broad, comprehensive set of courses equivalent to those taught in much larger schools.

Zlatko Pear Principal Myrtleford P-12 College Cath Watter Principal Marian College Myrtleford

## HOW TO USE THIS COURSE GUIDE

#### Choosing your program/units

During Learning Mentor sessions late Term 2 and early Term 3 you will take part in activities to help decide your 2020 units.

In late Term 2, we invite you and your family to a Course Information Night (in 2020 this is being held via virtual meetings). You can talk with staff from each learning area (eg Maths, Sciences, The Arts, etc) and hear them expand on the unit offerings.

Access will be provided to other resources to assist students make program/unit selections. Some of these resources include: this guide, and 'Choosing VCAL | VCE School Units' booklet. These are available on Compass (LM Resources Course Selection). Additional resources which might be useful/relevant are included on the Myrtleford P12 College Careers Portal.

Students/parents wishing to discuss options in person are very welcome to contact either Jo Milford (10-12 Coordinator), Danielle Caponecchia (Careers Practitioner) or Jenni Gardner (7-12 Team Leader) to organise individual interviews.

Early Term 3 students will be required to enter their subject selections via an online portal called 'Web Preferences' – students will be provided with login details and a password.

Following this stage, subjects will be confirmed with students.



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## VCAL

#### Victorian Certificate of Applied Learning

VCAL is really different to VCE! It is a practical alternative. For the right person, it is empowering.

VCAL is one of the accredited Year 12 qualifications we offer, the other being VCE. Whilst VCE is the direct pathway to university, VCAL is the pathway into the workforce, or apprenticeship, or TAFE.

A typical VCAL student ...

- prefers practical learning
- enjoys hands on activities
- is a team player
- likes to problem solve
- is adaptable and versatile
- enjoys developing life skills
- engages well with community projects
- often works outside of the classroom
- has a growth mindset to further their abilities

#### How is VCAL structured?

VCAL can be undertaken at a Foundation, Intermediate or Senior level. Students complete the level/s that suit their skills and abilities; taking into account their literacy levels, interpersonal and organisational skills.

The VCAL has four curriculum areas, called strands. These strands are:

- Literacy and numeracy skills
- Industry specific skills
- Work related skills
- Personal development skills

You must complete credits that contribute to all four strands. There is great variety in how this can be done, including VCAL units, VET units and Structured Work Place Learning. Students are also expected to undertake extended projects that may include competencies from a number of units.

#### What is important to know about VCAL?

We expect families to be familiar with these principles before enrolling.

#### **Project-based learning**

A key component of VCAL is event management and project based learning. This is a different approach to the study of specific, traditional units, such as Physics. Our VCAL students are increasingly being engaged in activities where they work together to complete outcomes across units, based around a common project. This might be within the school or in a community partnership. Why do we structure the program this way? To provide broader, deeper opportunities to learn. Project-based learning holds student interest for longer, and creates transferable knowledge that is more readily applied to other practical settings.

#### **Flexibility**

The program is designed to be flexible on purpose, and is structured around students' interests. Students themselves are the driving force behind where the curriculum can go. Where possible we tailor VCAL to individual aspirations. Being flexible in our delivery encourages students to be more adaptable and responsive to change in the wider world.

#### Assessment

VCAL units have competency-based assessment, which means students are only assessed on whether they have a skill or are still working towards attaining that skill. They are not given a grade. There is a lot of flexibility in how and when students may be assessed, and students are expected to take an active part in making those decisions.

#### Homework

Homework is kept to a minimum. As VCAL is an applied learning pathway, students use their time after school in paid employment, sport and explore their own interests.

#### **VET courses**

Students must be enrolled in at least one VET unit. This is compulsory because the purpose of VCAL is to cultivate industry specific skills and build pathways to employment. For students in Year 10, they do not need to be enrolled in a VET unit at the start of the year, but working towards determining which VET units they would be interested in.

#### Certificates

For each level completed (Foundation, Intermediate or Senior), students earn a VCAL certificate and a Statement of Results listing units obtained. Students also receive certificates for accredited short courses.

#### Timetable

The Myrtleford P12 College VCAL program involves students being at school for classes on Monday, Thursday and Friday. These classes cover the literacy and numeracy skills, work related skills and personal development skills. On Tuesday and Wednesday students are involved in workplacement and VET programs/school based part-time apprenticeships. The advantage of this arrangement is that it allows students to pursue ongoing workplacements and VET programs without the added pressure of missing classes and then needing to catch up on work missed.

	Monday	Tuesday	Wednesday	Thursday	Friday
Period 1 9.00- 9.50am Period 2 9.50 – 10.40am	Personal Development/ Industry Specific Skills			Personal Development/ Industry Specific Skills	Literacy/ Numeracy Skills
<b>Recess</b> 10.40 – 11.10am		sses)			
Period 3 11.10 – 12.00pm Period 4 12.00 – 12.50pm	Literacy/ Numeracy Skills	SBA/Workplacement (no classes)	VET/SBA (no classes)	Literacy/ Numeracy Skills	Personal Development/ Industry Specific Skills
<b>Lunch</b> 12.50 – 1.40pm		SBA			
<b>Period 5</b> 1.40 – 2.30pm	Literacy/			Personal Development/	PDS/ISS
<b>Period 6</b> 2.30 – 3.20pm	Numeracy Skills			Industry Specific Skills	Lit/Num Skills

The following is an example of the 2020 Myrtleford P12 College VCAL student timetable.

Myrtleford P12 students interested in VCAL as a possible program are strongly encouraged speak to Jenni Gardner or Danielle Caponecchia to discuss program options and what a personalised VCAL program might look like.

The Myrtleford P12 College and Marian College Myrtleford VCAL programs are organised quite differently.

# VCE

#### Victorian Certificate of Education

Students are required to take greater responsibility for their own learning, for their choice of units and to make a mature commitment to study both within and beyond the classroom. Because all course work and study cannot be covered in school hours, there is an expectation that students complete both homework and study out of school hours.

#### How is VCE structured?

Students study six units per semester at Year 11 and five units per semester at Year 12. Most people undertake Unit 1 and 2 at Year 11, and complete Unit 3 and 4 at Year 12. To be awarded the VCE, you must satisfactorily complete at least 16 units. These units must include:

- three units from the English group (with at least one at Unit 3 and one at Unit 4 level)
- three sequences of Unit 3 and 4 studies (other than English), which can include VCE and VET

#### A VCE year

VCE begins in during Headstart (typically two weeks at the end of the current year) and students complete homework over the summer holidays. The program ends in the following October for Year 12.

#### What is important to know about VCE?

This qualification

- involves at least two years of continual assessment
- ensures that every student has to meet the same assessment requirements
- uses both external and internal school assessed tasks to gauge learning

The following is an example of a sample VCE program

r 11	English 1	Accounting 1	General Maths 1	Biology 1	Psychology 1	Studio Art 1
Year	English 1	Accounting 2	General Maths 2	Biology 2	Psychology 2	Studio Art 2

Year 12	English 3/4	Accounting 3/4	Further Maths 3/4	Biology 3/4	Psychology 3/4	Private Study
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### English

There are two areas of study for each unit: Reading and Creating Texts and Analysing and Presenting Arguments.

#### Unit 1

• You respond analytically to one text and creatively to another

• We look at the way language and argument complement one another and interact to position the reader

#### Unit 2

• You study two texts and compare the way meaning has been constructed by an author/director/playwright

• We look at the way language and argument complement one another and interact to position the reader

#### What does this mean for me?

You read and analyse texts and complete written responses. You creatively write in a range of formats and styles, drawing on various texts. We examine particular media texts and the ways in which authors persuade readers to share a particular point of view. You read texts (short stories, novels, plays, films and poetry) closely and critically analyse the ideas and content. We also compare the way similar ideas are conveyed differently depending on the mode through which they are presented.

Unit 3

- You produce an analytical interpretation of a selected text, and a creative response to a different selected text
- We analyse and compare the use of argument and persuasive language in texts that present a point of view on an issue

#### Unit 4

- You produce a detailed comparison which analyses how two selected texts present ideas, issues and themes
- You construct a sustained and reasoned point of view on an issue currently debated in the media

#### What does this mean for me?

We build on the activities undertaken in Unit 1 and 2. You also compare the way two selected texts present ideas, issues and themes.

#### Assessment

- text essays
- creative writing
- oral presentations
- expository writing
- comparative response
- exam



#### What sort of student would like English?

Someone who:

- enjoys reading, responding in writing and discussing ideas
- is interested in examining current affairs and the role the media plays in our society
- likes to work with ideas, to think creatively and write extended responses

#### **Suggested Pre-requisites**

Year 10 English.

## Accounting

#### Unit 1: The Role of Accounting in Business

We explore the establishment of a business and the role of accounting in the determination of business success or failure. We consider the importance of accounting information to stakeholders. You record financial data and prepare reports for service businesses owned by sole proprietors. We analyse, interpret and evaluate the performance of the business using financial and non-financial information. You use these evaluations to make recommendations regarding the suitability of a business as an investment.

#### What does this mean for me?

You learn everyday life skills for personal and business use, including with the recording and reporting methods.

#### Unit 2: Accounting and decision making for a Trading Business

We extend your knowledge of the accounting process for sole proprietors operating a trading business. Our focus is on inventory, accounts receivable, accounts payable and non-current assets. You analyse and evaluate these areas to suggest strategies to improve business performance. We use manual processes and ICT, (including spreadsheets), to prepare historical and budgeted accounting reports. You consider relevant financial and other information to predict, budget and compare the potential effects of alternative strategies on the performance of the business.

#### What does this mean for me?

You look at buying and selling stock, managing cash flows, managing assets and budgeting.

#### Unit 3: Financial Accounting for a Trading Business

We focus on a trading business owned by a sole proprietor, and the role of accounting as an information system. You 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. We develop your understanding of the accounting processes for recording and reporting, and consider the effect of decisions made on the performance of the business. You interpret reports and information presented in a variety of formats and suggest strategies to improve the performance of the business.

#### What does this mean for me?

You are introduced to double entry accounting used by businesses world-wide and fine tune your analysis skills.

#### Unit 4: Recording, reporting, budgeting and decision-making

We extend your understanding of the recording and reporting process. We introduce balance day adjustments and alternative depreciation methods, and both manual methods and ICT. You investigate both the role and importance of budgeting in decision-making for a business. You analyse and interpret accounting reports and graphical representations to evaluate the performance of a business, and suggest strategies to improve performance.

#### What does this mean for me?

Skills learnt in Unit 1 to 3 are developed and extended. Skills and knowledge learnt in Unit 3 and 4 are very similar to those covered in first year Commerce and Business degrees and is thus invaluable if you are considering one of these courses. Through all units (where appropriate), the ethical considerations faced by business owners when making decisions (including financial, social and environmental), will be explored.

#### Assessment

- Case studies, portfolio reports, tests, and exam (Unit 1 and 2)
- Case studies, portfolio reports, tests and external exam (Unit 3 and 4)

#### What sort of student would like Accounting?

Someone who:

- is looking to study Business, Commerce, Finance or management related courses
- is considering a trade or has an interest in going into business for themselves

#### Suggested Pre-requisites:

Unit 1 and 2 Accounting form the basis of Unit 3 and 4 and, so are highly recommended.

## **Business Management**

#### **Unit 1: Planning a Business**

Businesses of all sizes are major contributors to the economic and social wellbeing of a nation. Therefore how they 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. We 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**

Our focus is 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. We examine the legal requirements that must be satisfied to establish a business. You 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. We analyse various management practices in this area by applying this knowledge to contemporary business case studies from the past four years.

#### **Unit 3: Managing a Business**

We explore the key processes and issues concerned with managing a business efficiently and effectively to achieve the business objectives. You examine the different types of businesses and their respective objectives. We consider corporate culture, management styles, management skills and the relationship between each of these. We investigate strategies to manage both staff and business operations to meet objectives. You develop an understanding of the complexity and challenge of managing businesses and through the use of contemporary business case studies have the opportunity to compare theoretical perspectives with current practice.

#### **Unit 4: Transforming a Business**

Businesses are under constant pressure to adapt and change to meet their objectives. We consider the importance of reviewing key performance indicators to determine current performance and the strategic management necessary to position a business for the future. We 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. You investigate the importance of leadership in change management. Using a contemporary business case study, you evaluate business practice against theory.



#### Assessment

- case study analysis
- short answer questions
- research tasks
- topic tests
- semester exams (Unit 1 and 2)
- end of year external exam (Unit 3 and 4)

#### What sort of student would like Business Management?

Someone who:

- wishes to pursue a tertiary course in Business, Commerce, Economics or Accounting
- is more practically minded who may wish to work for a business after leaving school via apprenticeships or a vocational pathway, with the ultimate goal of owning and running their own business

#### Suggested Pre-requisites

There are no pre-requisites, however, Unit 1 and 2 offer useful background knowledge for Unit 3 and 4.

## **History Twentieth Century**

#### Unit 1: 1918-1939

We explore the nature of political, social and cultural change in the period between the world wars. We focus on two areas of study: 'Ideology and Conflict' explores the consequences of the peace treaties that ended World War One, the impact of ideologies on nations and the events that led to World War Two. 'Social and 'Cultural Change' focuses on the social life and cultural expression in the 1920s and 1930s and their relation to the technological, political and economic changes of the period.

#### What does this mean for me?

You explore the impact that WWI and the Treaty of Versailles had on countries around the world. You will explore the changes and growth of ideologies such as fascism and communism, and analyse the political changes and economic instability of the time and ultimately leads to WWII. You will predominantly focus on Germany and the rise of Nazism and Hitler. You will then explore the social life and cultural expressions from the lavish times of the 'Roaring 20's' and the 'Golden Age' to times of hardships during the Great Depression. This will include looking at how life changed for women, how people of colour were treated in the USA and Jewish people in Germany.

#### Unit 2: 1945-2000

We look at the nature and impact of the Cold War and challenges and changes to existing political, economic and social arrangements in the second half of the 20th Century. Our two areas of study are: 'Competing Ideologies' focuses on causes and consequences of the Cold War. 'Challenge and Change' focuses on the ways in which traditional ideas, values and political systems were challenged and changed by individuals and groups.

#### What does this mean for me?

You will explore the causes of the Cold War and how this impacted countries around the world. You will analyse political decisions made by the USA and USSR and the impacts of these decisions. You will discover how other nations were used by these two powerful nations, with a focus on Cuba, the Vietnam War and war in Afghanistan. You will then consider changes created by individuals and groups, exploring terrorism through organisations such as the IRA, Baader Meinhoff and Al Qaeda, as well as feminist movements in the second half of the twentieth century. You will have the opportunity to further explore one of these individuals or groups and discuss the influence that had on challenging changing society.

#### Assessment

• Historical inquiry

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- Primary source analyses
- Historical interpretations analyses
- Essay response
- End of year external exam

#### Suggested pre-requisites

Nil

### History Unit 3/4 Revolutions

Revolutions are major turning points in society. In Units 3 and 4 we will investigate the significant cause and consequences of two political revolutions. We will evaluate how revolutionary outbreaks are caused by significant events, ideas, individuals and popular movements. We will then analyse the consequences of these revolutions and evaluate to what extent it bought change to society.

#### Unit 3: Russian Revolution 1896 – 1927

You learn about the Last Tsar of Russia and societal divides that existed, including the huge divide in wealth between the very poor and the very rich. You investigate the rise of revolutionary ideas like Marxism. You study a range of conflicts and the various takeovers of the Russian government. You will explore the effects on the Russian people such as the starvation, torture and death experienced at the hands of Lenin and the Cheka, and the changes, or lack thereof, to the people as a result of the Russian Revolution.

#### Unit 4: French Revolution 1774 – 1795

You will learn about Louis XVI and Marie Antoinette and the rising grievances of French society at this time. You will analyse how changes such as the Enlightenment and a move to scientific thought can lead to people revolting and creating political and societal change. You will explore how keeping control during a revolution can easily get out of hand and lead to a rise in terror, death and irrational thinking before calm is restored, if in fact it is.

#### Assessment

- Historical inquiry
- Primary source analyses
- Historical interpretations analyses
- Essay response
- End of year external exam

#### Suggested pre-requisites

• Historical inquiry

the crisis effected Australia, whether it be socially, politically or economically. You will then explore and analyse other aspects of challenge and change seen in Australia between 1965-

- Primary source analyses
- Historical interpretations analyses
- Essay response •

Assessment

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#### What does this mean for me? You will inquire and report on either the Great Depression or World War Two and discuss how

challenges and changes during 1965 to 2000.

result.

Unit 4: Transformations: Old certainties and new visions In Area of Study 1 we will analyse one of two crises between 1929 and 1945: the Great Depression or World War II. In Area of Study 2 we will explore social, economic and political

2000, including Aboriginal land rights and patterns of immigration.

#### Port Phillip District. You will discover how the Kulin nations had been successfully caring for

What does this mean for me?

from 1834 to the end of the gold rush decade in 1860. We will explore how these changes impacted both Indigenous Australians and the environment. In Area of Study 2 we will analyse legislation created by the Commonwealth Parliament in the attempt to create the new federated nation between the periods of 1890-1920, including the new forms of rights and benefits for citizens.

You will understand how the Aboriginal peoples of the Kulin Nations actively managed the

this land and the changes created due to British settlement. You will analyse the impacts these changes had on both the environment and the Aboriginal people, as well as changes brought on due to the discovery of gold. You will then examine the ideas underlying the forming of the Federation of Australia, such as the 'White Australia' policy. You will finish with analysing the consequences of World War One on Australia and what transformations occurred as a

In Area of Study 1 we will explore the transformations and reshaping of the Port Phillip District

There are no pre-requisites however, high level literacy and English skills would be of great

### History Unit 3/4 - Australian History

#### Unit 3: Transformations: Colonial society to nation

benefit. Units 1 & 2 provide good background knowledge.



• End of year external exam

#### Suggested pre-requisites

There are no pre-requisites however Units 1 and 2 provide good background knowledge.



## **Legal Studies**

#### **Unit 1: Guilt and Liability**

You recognise the distinctions between Criminal law and Civil law. Both 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 and if found guilty, penalties. Civil law deals with the infringement of a person's or group's rights and breaching civil law can result in litigation to provide remedies.

#### What does this mean for me?

You develop an understanding of legal foundations, such as the different types and sources of law and the existence of a court hierarchy in Victoria. We 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, we 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.

Student do a role play of a court case written by Supreme Court Judge.

#### 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.

#### What does this mean for me?

You 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. We develop an understanding of the way rights are protected in Australia and in another country, and possible reforms to the protection of rights. You examine a significant case in relation to the protection of rights in Australia.

#### Assessment

- topic tests
- structured assignments
- portfolio of course work
- end of semester exam

#### 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. We examine the methods and institutions in the justice system and consider their appropriateness in determining criminal cases and resolving civil disputes.

#### What does this mean for me?

We consider the Magistrate's Court, County Court and Supreme Court within the Victorian court hierarchy. We also look at other Victorian legal institutions and bodies available to assist with cases. You explore matters such as 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 ability of sanctions and remedies to achieve their purposes. We investigate the extent to which principles of justice are upheld in the justice system. You discuss recent reforms from the past four years and recommend reforms to enhance the ability of the justice system to achieve the principles of justice. We apply legal reasoning and information to actual and/or hypothetical scenarios.

#### Unit 4: The People and the Law

The study of Australia's law 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.

#### What does this mean for me?

You 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 lawmaking. We develop an understanding of the significance of the High Court in protecting and interpreting the Australian Constitution. You investigate parliament and the courts, and the relationship between the two in lawmaking, and consider the roles of the individual, the media and law reform bodies in influencing law reform. We apply legal reasoning and information to actual scenarios.

#### Assessment

- 50% internal school assessed coursework portfolios, case studies and written tests
- 50% external exam of 2 hours duration, comprising short answer and extended response questions

#### What sort of student would like Legal Studies?

If you want to know and understand more about how our society operates then you should choose Legal Studies. It is for someone who is interested in

- understanding concepts of equality and justice
- developing their knowledge of basic legal rights and obligations
- evaluating the processes used in Australia to control activities and change the law

- current affairs, following and understanding significant court cases
- understanding more about how our society operates and enjoys class discussion.

#### Other Considerations

Legal Studies is of interest in its own right and enhances learning skills in many areas. It is definitely not just for those seeking a career in law or criminology. It provides opportunity to develop skills and knowledge that can be applied in many aspects of our lives. There are many courses and occupations that include units based on Legal Studies (commerce, business administration, nursing, computer courses, and the federal or state police forces.)

There are no prerequisites for entry to Unit 1, 2 and 3. You must undertake Unit 3 and 4 as a sequence.

## Languages other than English (LOTE) – Italian

#### Unit 1 and 2

You have common areas of study which are based on five learning areas:

- Three prescribed themes: *The Individual, The Italian Speaking Communities and The World Around Us*
- A variety of text types: article, journal entry, email, report, speech
- A variety of writing styles: *personal, informative, imaginative, persuasive and evaluative*
- Vocabulary
- Grammar

#### Unit 3 and 4

As for Units 1 & 2, you will continue to have common areas of study which are based on five learning areas:

- Three prescribed themes: The Individual, The Italian Speaking Communities and The World Around Us
- A variety of text types: article, journal entry, email, report, speech
- A variety of writing styles: *personal, informative, imaginative, persuasive and evaluative*
- Vocabulary
- Grammar

#### What does this mean for me?

Italian is a great example of a subject where your interest and commitment truly pay dividends. Not only will you learn to speak a second language and learn about another culture, you will gain highly valued skills that you can use for life. Studying a language other than English contributes to the overall education of the individual, particularly in the area of communication, but also in the areas of cross-cultural understanding, cognitive development and literacy. If you are good at languages and are interested in being a truly global citizen, you should seriously consider completing a language subject as part of your VCE.

• An extra consideration are the extra bonus points studying a language add to your VCE ATAR score.

#### Career Pathways in Languages:

Languages complement all areas of studies at tertiary level:

• Humanities, Sciences, Medicine, Engineering, Commerce, the Arts, Computing/Information Technology and Vocational studies.

Languages are also particularly useful in careers related to:

• Education, Law, Business, Journalism, Tourism, Hospitality, Politics, Policing, the Arts the Military and Media. Language learning could open an opportunity to study and work abroad.



#### Assessment:

Assessment is based on the tour language skills of speaking, listening, reading and writing and on the Outcomes specified in the VCE Italian Study Design.

UNITS 1 & 2	UNITS 3 & 4	
Internal assessments	Trial/Mock exams	
Mid-year and end of year exams	School Assessed Course Work (SACs)	
	End of year external exams (Written and	
	Oral)	

#### Prerequisites:

Year 10 Italian for Units 1 and 2 Units 1 and 2 for Units 3 and 4

Consultation with the language teacher is required for special consideration of students who have background in the language and have not completed the subject in the previous year.



## **VCE Mathematics**

Mathematics is the study of function and pattern in number, logic, space, and structure. It provides both a framework for thinking and a means of symbolic communication that is powerful, logical, concise, and precise. It also provides a means by which people can understand and manage their environment.

Year 10 Maths Study	Units 1 and 2	Units 3 and 4
10 Maths	Foundation Mathematics Subject in Fou Mathematics	
	General Mathematics	Further Mathematics
10A Maths	Mathematical Methods	Mathematical Methods (CAS)
	Specialist Mathematics	Specialist Mathematics

Students can choose from several Mathematics subjects at VCE-level.

#### Entry

There are no prerequisites for entry to Foundation Mathematics Units 1 and 2, General Mathematics Units 1 and 2, or Mathematical Methods (CAS) Units 1 and 2. However, students attempting Mathematical Methods are expected to have a sound background in number, algebra, and probability.

Students must undertake Unit 3 of a study before entering Unit 4 of that study. Enrolment in Specialist Mathematics assumes a current enrolment in, or previous completion of, Mathematical Methods (CAS) Units 3 and 4.

#### Which Mathematics Subject should I choose?

Choosing a subject in Mathematics can be daunting in VCE. It is important that you consult closely with your Mathematics teacher in choosing your subject so that you make the choice that best fits your interests and strengths.

Mathematics subjects are frequently listed as pre-requisites and recommended subjects for tertiary study. Make sure you consider your future career pathway in making decisions about your mathematics **study**.

## Units 1 and 2: Foundation Mathematics

Foundation Mathematics provides for the continuing mathematical development of students who do not necessarily intend to undertake Unit 3 and 4 studies in VCE Mathematics in the following year.

In Foundation Mathematics there is a strong emphasis on the use of mathematics in practical contexts encountered in everyday life in the community, at work, and study.

## Units 1 and 2 General Mathematics, Units 3 and 4 Further Mathematics:

General Mathematics provides for different student interests in studying Mathematics. This is the most commonly chosen Mathematics subject for VCE students. General Mathematics leads into the subject **Further Mathematics** at Units 3 and 4. The General and Further Mathematics course is diverse and includes the study of Financial Mathematics, and Data and Statistics.

## **Units 1-4 Mathematical Methods**

Mathematical Methods provide a background for students who may take further study in Mathematics in a variety of practical contexts such as Science, Economics, and Medicine. The course centres around the study of algebra, calculus, probability, and statistics. Students attempting Mathematical Methods are expected to have a sound background in number, algebra, and probability, having completed the 10 Advanced course as preparation for their studies.

## **Units 1-4: Specialist Mathematics**

Specialist Mathematics Units 1 and 2 provide a course of study for students who wish to undertake an in-depth study of mathematics, with an emphasis on concepts, skills, and processes related to mathematical structure, modelling, problem solving, and reasoning. Mathematical Methods Units 1 and 2 and Specialist Mathematics Units 1 and 2, taken in conjunction, provide good preparation for Specialist Mathematics Units 3 and 4.



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### **Health and Human Development**

#### **Unit 1: Understanding Health and Wellbeing**

You consider the influence of age, culture, religion, gender and socioeconomic status on perceptions of and priorities relating to health and wellbeing. We look at measurable indicators of population health, and at data reflecting the health status of Australians. You investigate the roles and sources of major nutrients and the use of food selection models and other tools to promote healthy eating.

There is a focus on the health and wellbeing of Australia's youth, and conduct independent research into a selected area of interest. You identify major health inequalities among Australia's youth and reflect on the causes.

#### What does this mean for me?

You explain multiple dimensions of health and wellbeing used to evaluate the variations in health status of youth and identify key areas for improving youth health and wellbeing. You apply nutrition knowledge and tools to the selection of food and the evaluation of nutrition information.

#### **Unit 2: Managing Health and Development**

We investigate transitions in health and wellbeing, and development, from lifespan and societal perspectives. We look at changes and expectations that are part of the progression from youth to adulthood. This unit promotes the application of health literacy skills through an examination of adulthood as a time of increasing independence and responsibility, involving the establishment of long-term relationships, possible considerations of parenthood and management of health-related milestones and changes. You enquire into the Australian healthcare system and extend their capacity to access and analyse health information. Our class considers 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.

#### What does this mean for me?

You explain developmental changes in the transition from youth to adulthood. You describe how to access Australia's health system and how it promotes health and wellbeing in their local community.

#### Unit 3: Australia's Health in a Globalised World

We explore health and wellbeing and illness as complex, dynamic and subjective concepts. While the major focus is on the health of Australians, it is not isolated from the rest of the world. You inquire into the World Health Organisation's (WHO's) prerequisites for health and wellbeing and reflect on both the universality of public health goals and the increasing influence of global conditions on Australians. Our class understands the indicators used to measure and evaluate health status, and the factors that contribute to variations between population groups in Australia.

We examine the progression of public health in Australia since 1900, noting global changes and influences such as the Ottawa Charter for Health Promotion and the general transition of focus from the health and wellbeing of individuals to that of populations. You investigate the Australian health system and its role in promoting health and wellbeing.

#### What does this mean for me?

You should be able to explain the complex, dynamic and global nature of health and wellbeing,

interpret and apply Australia's health status data and analyse variations in health status. You explain changes to public health approaches, analyse improvements in population health over time and evaluate health promotion strategies.

#### Unit 4: Health and Human Development in a Global Context

Our class looks at similarities and differences in major burdens of disease in low-middle-and high income countries, including Australia. We investigate a range of factors that contribute to health inequalities and study the concepts of sustainability, human development and the Human

Development Index to further their understanding of health in a global context. You consider the global reach of product marketing and inquire into the effects of particular global trends on health and wellbeing.

We look at the rationale, objectives and interdependencies of the UN's Sustainable Development Goals, focusing on their promotion of health and wellbeing and human development. You investigate the priorities and work of the WHO and evaluate Australia's aid program and the role of non-government organisations, selecting one aid program for detailed research and analysis.

#### What does this mean for me?

You analyse similarities and differences in health status and burden of disease globally and the factors that contribute to differences in health and wellbeing. You review the relationships between the SDGs and their role in the promotion of health and human development, and evaluate the effectiveness of global aid programs.

#### Assessment

- course work
- research assignments (Unit 1 and 2)

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- outcome tests
- SACs
- end of semester exam

#### What sort of student would like Health and Human Development?

Someone who:

- has an interest in how humans change over their lifespan and wants to explore the varying
- factors that influence our health and development and that of different people
- wants to learn more about what is being done globally to improve the health of the human race
- is interested in health promotion and world issues

#### **Suggested Pre-requisites**

There are no pre-requisites, however, completing any Year 10 Health/PE unit can be useful.

## **Outdoor and Environmental Studies**

#### **Unit 1: Exploring Outdoor Experiences**

Our class examines some of the ways in which humans understand and relate to nature through experiences. We focus on individuals and their personal responses to, and experiences of, the outdoors. You develop practical skills and knowledge to help them live sustainably. There is a variety of learning experiences aimed at allowing you to learn in the field as well as the classroom.

One multi-day field trip for term 1

#### **Unit 2: Discovering Outdoor Environments**

We study nature's impact on humans, as well as the ecological, social and economic implications of human impact. You develop a clear understanding of the impact of technologies and changing human lifestyles on outdoor environments. We examine a number of case studies, including areas where there is evidence of human intervention. You develop the practical skills required to minimise human impact on outdoor environments. Learning experiences include gaining firsthand experience of a number of different local ecosystems.

One multi-day trip and a number of single day or part day trips are planned.

#### **Unit 3: Relationships with Outdoor Environments**

Our focus is the ecological, historical and social contexts of relationships between humans and the outdoors in Australia. Case studies of impacts are examined in the context of the changing nature of human relationships with outdoor environments in Australia. We also examine the dynamic nature of relationships between humans and their environment.

You are involved in one or more experiences in outdoor environments, including areas where there is evidence of human interaction. Through these practical experiences you have the basis for comparison and refection, and opportunities to develop theoretical knowledge and skills.

Field trips include a two day experience through the local region examining effects of different population groups on the environment.

Field trips are vital components of the unit as they are directly related to SAC tasks.

#### **Unit 4: Sustainable Outdoor Relationships**

We explore the sustainable use and management of outdoor environments. You examine the contemporary state of environments in Australia, consider the importance of healthy outdoor environments, and examine the issues in relation to the capacity of the outdoors to support the future needs of the Australian population.

Classroom learning and a field trip focus on current practices and sustainable use by all user groups. The role of society in developing sustainable use practices and processes to regulate use of outdoor environments is studied.

There is one field trip – Snow experience

#### Assessment

- course work
- research assignments
- field trip reports and journals
- outcome tests and SACs
- end of semester exam



#### What sort of student would like Outdoor and Environmental Studies? Someone who:

- is interested in outdoor activities
- has a desire to learn from practical experiences
- has an awareness of environmental issues
- likes to contribute to improvements in the outdoor environments we visit
- can work independently and use information from a number of sources to complete learning tasks

#### **Suggested Pre-requisites**

There are no prerequisites however, students are strongly encouraged to have completed Outdoor Education in Year 10.

#### **Other Considerations**

A levy applies to offset some of the cost of the field trips. The levy for 2021 is set at the end of 2020. Estimate course cost is \$250 - \$300 pp per year.

## **Physical Education**

#### Unit 1: The human body in motion

We explore how the musculoskeletal and cardiorespiratory systems work together to produce movement. You investigate the role and function of the main structures in each system and how they respond to physical activity, sport and exercise. Using a contemporary approach, we evaluate the social, cultural and environmental influences on movement. We consider the implications of the use of legal and illegal practices to improve the performance of the musculoskeletal and cardiorespiratory systems, evaluating perceived benefits and describing potential harms. You also recommend and implement strategies to minimise the risk of illness or injury to each system.

#### What does this mean for me?

You participate in a variety of practical activities to explain how the musculoskeletal, respiratory & cardiovascular system functions works. You evaluate the ethical and performance implications of the use of practices and substances that enhance human movement.

#### Unit 2: Physical activity, sport and society

We develop your understanding of physical activity, sport and society from a participatory perspective. You 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. We 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. You investigate individual and population-based consequences of physical inactivity and sedentary behaviour. We study and apply the social-ecological model and/or the Youth Physical Activity Promotion Model to critique a range of individual and settings-based strategies that are effective in promoting participation in some form of regular physical activity.

#### What does this mean for me?

You collect and analyse data related to individual and population levels of participation in physical activity and sedentary behaviour. You apply a social-ecological framework to research, analyse and evaluate a contemporary issue associated with participation in physical activity and/or sport in a local, national or global setting.

#### Unit 3: Movement skills and energy for physical activity

We introduce you to the biomechanical and skill acquisition principles used to analyse human movement skills and energy production from a physiological perspective. You use a variety of tools and techniques to analyse movement skills and apply biomechanical and skill acquisition principles to improve and refine movement in physical activity, sport and exercise. We investigate the relative contribution and interplay of the three energy systems to performance in physical activity, sport and exercise. In particular, they investigate the characteristics of each system and the interplay of the systems during physical activity. You explore the causes of fatigue and consider different strategies used to postpone fatigue and promote recovery.

#### What does this mean for me?

You collect and analyse information from, and participate in, a variety of physical activities to develop and refine movement skills from a coaching perspective, through the application of biomechanical and skill acquisition principles. You use data collected in practical activities to analyse how the major body and energy systems work together to enable movements to occur, and explain the factors causing fatigue and suitable recovery strategies.

#### Unit 4: Training to improve performance

We 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. We consider the physiological, psychological and sociological requirements of training to design and evaluate an effective training program. You participate in a variety of training sessions designed to improve or maintain fitness and evaluate the effectiveness of different training methods.

#### What does this mean for me?

You use data from an activity analysis and determine the fitness requirements of a selected physical activity. You participate in a series of fitness tests and design a suitable training program using relevant training principles and methods from a practical and theoretical perspective.

#### Assessment

- course work
- research assignments
- outcome tests
- end of semester exam
- SACs

#### What sort of student would like Physical Education?

VCAL | VCE 2021 Course Handbook Marian College and Myrtleford P12 College - VCE Partnership Small School Advantages with Large School Choices Someone who:

- is active and enjoys physical activity
- wants to learn about the body systems
- has an interest in factors that influence physical activity
- wishes to develop and undertake a training program
- is interested in studying health and/or medical sciences

#### **Suggested Pre-requisites**

Nil.

In VCE Biology, students will seek to understand and explore the nature of life, past and present. This subject investigates the processes that support life, survival and continuity, both at a cellular level to that of the whole organism. Students will also explore the relationships between organisms and their environment. They will be introduced to current research methods and explore the ethical considerations that new discoveries bring.

#### What sort of student would like Biology?

Someone who:

- Has an interest in learning about the human body and other living organisms.
- Wants to understand how life works at a cellular level to ensure our survival.
- Would like to know more about current scientific research.
- Enjoys a mixture of experimental work and study.
- Is comfortable learning new vocabulary and using their problem solving skills to solve unfamiliar questions.
- Is interested in further study in the following fields: Health Science, Science or Medical Science, Environment Science or Exercise-related fields.

#### Assessment:

- Course work
- Topic Tests
- Practical Investigations (Logbook)
- Extended Practical Investigation
- End of semester exam

#### Advice to students:

It is highly recommended that students who are interested in undertaking Biology Units 3&4 take Units 1&2. *Student investigations in Unit 3 draw on content from Units 1&2*.

#### Unit 1: How do living things stay alive?

You will be introduced to some of the challenges to an organism sustaining life. We study the structure and function of cells and the differences between single celled and multicellular organisms. We will learn about different types of adaptations that help organisms survive in their respective environments. We will investigate the biodiversity on Earth and explore the relationships between organisms and their environment.

#### Unit 2: How is continuity of life maintained?

We investigate how cells reproduce and ensure our biological information is passed on between generations. You will learn about the role of stem cells in humans and their potential use in medicine. We will study patterns of inheritance and predict the outcomes of genetic crosses. You will explore the social and ethical implications of genetic research.



#### Unit 3: How do cells maintain life?

You will investigate cells at a molecular level. We explore how substances move across the plasma membrane and the nature of nucleic acids, genes and proteins. You will learn about how genes can be "switched on" and "switched off". We study important biochemical pathways within cells, the action of enzymes and the factors that affect the rate of biochemical reactions. We will examine our immune system's response to infection and understand how we develop immunity.

#### Unit 4: How does life change and respond to challenges over time?

You will investigate some of the changes and challenges that have occurred on Earth over time. You will understand how genetic changes and natural selection can lead to the evolution of new species. We will explore the scientific evidence for evolution and the biological changes in humans and other organisms over time. We will study a variety of different techniques used by scientists to manipulate and study DNA. You will examine the social and ethical implications of this research on our society.

## Chemistry

Chemistry explores the composition and behaviour of matter and chemical reactions on Earth and beyond. Chemistry underpins the production and development of energy, the maintenance of clean air and water, food production, medicines and new materials, and the treatment of wastes. Our knowledge and understanding of chemistry is constantly evolving in response to new evidence and discoveries.

#### Assessment:

- Course work
- Topic Tests
- Practical Investigations (Logbook)
- Extended Research Investigation
- Extended Practical Investigation
- End of semester exam (Unit 1 & 2)
- End of year exam (Unit 3 & 4)



#### What sort of student would like Chemistry.

Someone who:

- Wants to explore different chemical reactions and how energy is consumed and produced.
- Has an interest in learning about the substances found on Earth, including organic compounds, metals and radioactive isotopes.
- Would like to explore how nanoparticles, batteries and polymers are used in our society.
- Is wanting to investigate ways of producing new chemical compounds to make them as efficient and environmentally friendly as possible.
- Is interested in learning more about carbohydrates, lipids, proteins and vitamins and how they are metabolised in the human body.
- Would like to know more about the techniques used in current scientific research.
- Enjoys a mixture of experimental work and study.
- Is comfortable using their mathematical skills in science.
- Likes learning new vocabulary and using their problem solving skills to solve unfamiliar questions.
- Is interested in further study in the following fields: Health Science, Science or Medical Science, Engineering.

#### Advice to students:

There may be opportunities to conduct experimental investigations at external laboratories – there may be an additional cost for these excursions (\$40 approx). It is highly recommended that students who are interested in undertaking Chemistry Units 3&4 take Units 1&2. *Much of the key knowledge developed through Unit 1&2 is required in Unit 3&4.* 

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#### Unit 1: How can the diversity of materials be explained?

We will examine the chemical nature of elements, their atomic structure and place within the periodic table. You will explore the patterns and relationships between elements, focussing on their properties, bonding and chemical reactivity. We will learn how to quantify atoms and compounds. During this unit, you will be introduced to a range of different materials including metals, salts, nanoparticles, hydrocarbons and polymers and explore their properties and uses in our modern world.

#### Unit 2: What makes water such a unique chemical?

Water is the most widely used solvent on Earth. In this unit students explore the physical and chemical properties of water. You will explore important reactions such as precipitation, acidbase and redox. You will be introduced to a range of different experimental techniques to determine the concentrations of different substances in water, such as chemical contaminants.

#### Unit 3: How can chemical processes be designed to optimise efficiency?

The global demand for energy and materials is increasing with world population growth. You will explore a variety of different energy options and the chemical production of materials whilst considering efficiency, renewability and minimal environmental impact. Students will investigate the rate and extent of a chemical reactions. You will use the language and conventions of chemistry such as symbols, units, chemical formulas and equations to explain and discuss your understanding.

#### Unit 4: How are organic compounds categorised, analysed and used?

The carbon atom has unique characteristics that enables it to be found in a wide variety of different materials used in our everyday life. You will investigate the structural features, bonding, important chemical reactions and uses of the major families of organic compounds. We will focus on the compounds found in food and their metabolism in the human body. You will study the ways in which organic structures are represented and named. We will explore the different techniques used by scientists to study organic compounds.

# **Physics**

Physics seeks to understand and explain the physical world. It examines models and ideas used to make sense of the world we live in. By looking at the way matter and energy interact through observations, measurements and experiments, physicists gain a better understanding of the underlying laws of nature.

#### Assessment:

- Course work
- Topic Tests
- Practical Investigations (Logbook)
- Research Investigation
- Extended Practical Investigation
- End of semester exam (Unit 1 & 2)
- End of year exam (Unit 3 & 4)

#### What sort of student would like Physics?

Someone who:

- Has an interest in understanding the link between motion, force and power.
- Wants to know more about electricity, magnetism, light and energy.
- Wants to understand more about matter and the formation of our Universe.
- Enjoys a mixture of experimental work and study.
- Has solid mathematical skills, including algebra and simple data analysis.
- Likes learning new vocabulary and using their problem solving skills to solve unfamiliar questions.
- Is interested in further study in the following fields: Health Science, Science or Medical Science, Engineering and a range of other scientific fields.

#### Advice to students:

Students may be required to undertake fieldwork in Melbourne to apply their understanding of concepts learnt in class. There will be an additional cost for these excursions (\$50 approx). It is highly recommended that students who are interested in undertaking Physics Units 3&4 take Units 1&2.

#### Unit 1: What ideas explain the physical world?

In this unit, students explore how physics can explain phenomena which are not always visible to the unaided human eye. You will investigate thermodynamics and apply this knowledge to understand how human activity has affected our climate. You will develop models to analyse and explain electricity and explore the relationships found between components in electrical circuits. We will study the currently accepted theories that explain how matter and energy have changed since the origins of the Universe.



#### Unit 2: What do experiments reveal about the physical world?

In this unit, students explore the ways in which forces are involved in moving objects and keeping objects stationary. The relationship between energy and motion is explored. Students investigate how experiments reveal different observations about the physical world and complete this unit by designing and carrying out an extended practical investigation.

#### Unit 3: How do fields explain motion and electricity?

How do things move without contact?

How are fields used to move electrical energy?

How fast can things go?

We explore the importance of energy in explaining and describing the physical world. We examine the production of electricity and its delivery to homes. You explore the interactions, effects and applications of gravitational, electric and magnetic fields.

We use Newton's laws to investigate motion in one and two dimensions, and are introduced to Einstein's theories to explain the motion of very fast objects. You consider how developing technologies can challenge existing explanations of the physical world, requiring a review of conceptual models and theories. You design and undertake investigations involving at least two continuous independent variables.

#### Unit 4: How can two contradictory models explain both light and matter?

How can waves explain the behaviour of light?

How are light and matter similar?

Practical investigation

We explore the use of wave and particle theories to model the properties of light and matter. We examine how the concept of the wave is used to explain the nature of light. You further investigate light by using a particle model to explain its behaviour. A wave model is also used to explain the behaviour of matter which enables students to consider the relationship between light and matter.

#### Assessment

- assignments
- extended practical investigation
- summary report of selected practical work
- unit tests
- end of year exam

#### What sort of student would like Physics?

Someone who:

• enjoys understanding theories and applying these to different situations

- has an interest in understanding how things work, from the creation of rainbows and how the eye works to the electricity that is provided to our homes
- wishes to understand the very nature of all matter of the universe
- has a good grasp of Maths

# Psychology

VCE Psychology enables students to explore how people think, feel and behave through scientific study. This subject explores the connection between the brain and behaviour, looking at the interplay between genetics and environment, individual differences and group dynamics, sensory perception and awareness, and mental health.

#### What sort of student would like Psychology?

Someone who:

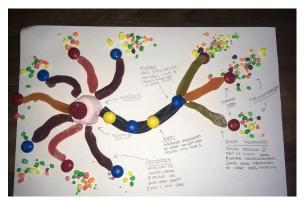
- Has an interest in understanding the ways in which humans behave, learn and interact with each other.
- Enjoys learning about the brain.
- Is interested in using research evidence to understand human behaviour.
- Is comfortable learning new vocabulary and concepts.
- Has solid writing skills and an interest in using the scientific method to conduct research.
- Is interested in further study in the following fields: Health, Science or Medical Science, Education, Social Work.

#### Assessment:

- Course work
- Topic Tests
- Student-directed research investigation
- Student-directed practical Investigation
- End of semester exam (Unit 1 & 2)
- End of year exam (Unit 3 & 4)

#### Advice to students:

It is highly recommended that students who are interested in undertaking Psychology Units 3&4 take Units 1&2. Students must undertake Unit 3 prior to undertaking Unit 4.



#### Unit 1: How are behaviour and mental processes shaped?

We will investigate the structure and function of the human brain and the role it plays in the overall functioning of the human nervous system. You will explore brain plasticity and the influence that brain damage may have. You will examine the nature of psychological development, including situations where psychological development may not occur as expected. Students will study the contribution of past and present studies to our understanding of the human brain.

#### Unit 2: How do external factors influence behaviour and mental processes?

A person's thoughts, feelings and behaviours are influenced by a variety of biological, psychological and social factors. You will investigate how perception of stimuli enables a person to interact with the world around them and how their perception of stimuli can be distorted. We will explore a variety of factors and contexts that can influence the behaviour of an individual and groups. We will examine how research has improved our understanding of how we behave in these situations.

#### Unit 3: The conscious self.

The nervous system influences behaviour and the way people experience the world. You will explore the nervous system at both a cellular level and a system level to understand how it senses and responds to internal and external stimuli. We will investigate the causes, effects and management of stress. You will study how mechanisms of memory and learning lead to the gaining of new knowledge, skills and behaviours. We will use past and present research to build our understanding of the nervous system and the factors that influence memory and learning.

#### Unit 4: Brain, Behaviour and Experience.

Consciousness and mental health are two of many psychological constructs that can be explores by studying the relationship between the mind, brain and behaviour. We will examine the nature of consciousness and how changes in the level of consciousness can affect mental processes and behaviour. We will consider the role of sleep and the impact that sleep disturbances have on our health. We will understand the nature of mental health and the factors that can contribute to the development of mental health disorders.

## Drama

#### **Unit 1: Dramatic Storytelling**

Our focus is on creating, presenting and analysing a devised performance that includes real or imagined characters, based on personal, cultural and/or community experiences and stories. We access performance styles from a range of contexts associated with naturalism and non-naturalism. You give an analysis of your performance and the performance by professional and other drama practitioners. You work collaboratively to devise, script, edit, rehearse and perform work.

#### Unit 2: Creating Australian Drama

You 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. You use

performance styles from a range of historical, cultural and social contexts including styles associated with non-naturalism. This unit also involves analysis of your own performance work as well as the performance of an Australian work.

#### Assessment

- script development, creation and documentation
- ensemble and solo performances
- professional performance viewing and written analysis

#### **Unit 3: Ensemble Performance**

Our class looks at non-naturalistic drama from a range of contemporary and/or cultural performance traditions.

We create, develop and present an ensemble performance, in collaboration. You also document and evaluate stages of the performance.

#### Assessment

- script development, creation and documentation
- ensemble performance
- professional performance viewing and written analysis

#### Unit 4: Solo Performance

We focus on the creation and development of character/s within a solo performance. You complete two solo performances. For a short solo performance, you develop practical skills of researching, creating, presenting, documenting and analysing a solo performance work. In the development of a second solo performance, you devise, rehearse and perform an

extended solo performance based on a prescribed structure from VCAA. We analyse the processes involved in the creation and presentation of character/s in a solo performance.

#### Assessment

- create and present a short solo performance and evaluate the processes used
- describe, analyse and evaluate the creation, development and presentation of a prescribed solo performance

#### What sort of student would like drama

Someone who likes to create characters, enjoys workshop processes, feels comfortable with research and writing/ scripting work. You shall enjoy this unit if you wish to enhance your performance and expressive skills.

#### **Suggested Pre-requisites**

Preferably Middle School Drama/Performance or Theatre Studies.

#### **Other Considerations**

You need to be committed to attending performances outside class time, including excursions. Drama does not always involve preparation and analysis that is spread evenly throughout the unit! There will be times leading to a performance that requires a commitment to extra hours.



# **Studio Arts**

#### Unit 1: Studio inspiration and techniques

You gain an understanding of studio practice and how to explore, develop, refine and present artworks.

#### What does this mean for me?

You use your individual ideas and explore a range of materials and techniques related to specific art forms. We research and analyse the ways in which artists from different times and cultures have developed their studio practice.

#### Assessment

- proposed investigation of studio practice
- selection of exploratory work and a visual diary
- presentation of at least one finished artwork
- exam

#### Unit 2: Studio exploration and concepts

You focus on establishing and using studio practice to produce artworks.

#### What does this mean for me?

In developing an individual studio process, we explore ideas, source inspiration, materials and techniques in a selected art form. This is documented through an exploration proposal. You analyse historical and contemporary artworks.

#### Assessment

- exploration proposal
- studio process documented in visual diary
- production of at least one artwork
- exam

#### **Unit 3: Studio practices and processes**

We focus on the implementation of an individual studio process leading to the production of a range of potential directions.

#### What does this mean for me?

You develop and use an exploration proposal, plan and apply a studio process to develop their individual ideas to produce a range of visual explorations and potential directions. We explore professional art practices of artists from different historical and cultural contexts.

#### Assessment

- school assessed coursework 5%
- school assessed task 30%

#### Unit 4: Studio practice and art industry contexts

VCAL | VCE 2021 Course Handbook Marian College and Myrtleford P12 College - VCE Partnership Small School Advantages with Large School Choices We focus on planning, production and evaluation required to develop, refine and present artworks that link cohesively to the ideas resolved in Unit 3.

#### What does this mean for me?

You present visual and written evaluation that explains why you selected a range of potential directions from Unit 3 to produce at least two finished artworks. The development of these artworks reflects refinement and skill application of materials and techniques. Aspects of the art industry are studied with the focus on at least two different exhibitions and the roles of galleries and staff.

#### Assessment

- school assessed coursework 5%
- school assessed task 30%
- end of year exam (Unit 3 & 4) 30%

#### What sort of student would like Studio Arts?

Someone who enjoys visual arts, photography and design.

#### **Suggested Pre-requisites**

Nil. However, completion of Year 10 Visual Arts would be helpful. To undertake Unit 3 and 4, it is preferable to have completed Unit 1 and 2.

#### Other considerations

Students may be required to purchase some of their own materials.

# Visual Communication Design

#### Unit 1: Introduction to Visual Communication Design

You produce a folio of drawings, including practice drawings from observation, development drawings using a range of visualisation methods and the communication of ideas through drawing. You include drawings related to the use of the design process. We analyse and implement presentation drawings to effectively communicate information. Our class reflects, in a written report, on the implications of social, and historical influences on contemporary design.

#### **Unit 2: Applications of Visual Communication Design**

You create a folio of drawings that relate to environmental or industrial design. You practice technical drawing skills. We focus on type and imagery and the importance of both in the production of designs particularly graphic design. You utilise the design process in developing your ideas.

#### Assessment

- folio of drawings and design work
- final presentations
- a written report
- end of semester exam

### Unit 3: Design Thinking and Practice

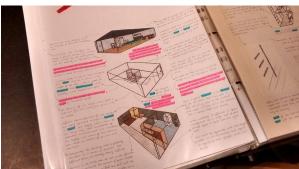
You develop skills to be an effective designer. This includes being critical and able to analyse existing examples of visual communication and then develop your own designs from these examples. You write a report to show an understanding of design in industry, develop a design brief and then begin the design process as well as research and generate ideas for a folio of work.

#### **Unit 4: Design Development and Presentation**

You continue to produce designs related to the folio started in Unit 3. This includes the further development of suitable designs, the production of two final presentations and the evaluation and explanation of their design work. You also pitch your design work to an audience.

#### Assessment

- analysis and evaluation reports
- industry study reports
- pitch at the conclusion of folio work
- folio work
- exam





#### What sort of student would like Visual Communication Design?

Someone who enjoys designing, drawing, problem solving and working on their own folios, computer graphics and designing on the computers.

#### Suggested Pre-requisites

Any Year 10 Visual Communication Design unit would be useful but not essential. Some knowledge and interest in using Adobe Photoshop and Illustrator is strongly advised

#### **Other Considerations**

Visual Communication Design is a useful pathway for students wanting a career in any type of design.



# VET

#### **Vocational Education and Training**

VET is a course within VCE or VCAL. Students enrolled in either can study a nationally accredited VET course as part of their qualification. On-the-job training at workplaces is another important part of the delivery.

Most courses count as a full VCE sequence, i.e. Unit 1 to 4. VET courses with a Unit 3 and 4 sequence may contribute directly to the calculation of the ATAR.

#### The advantages of doing VET in schools?

- joining the workforce, you have a better chance of finding employment
- entering TAFE, you have advanced standing for higher level courses
- going to University, the vocational education units give you a 'hands on'
- insight into the unit and may contribute to your ATAR

#### **Doing VET in VCAL**

Students studying for the VCAL qualification **must be enrolled in at least one VET unit.** This is compulsory because the purpose of VCAL is to cultivate industry specific skills and build pathways to employment.

**School Based Apprenticeship programs** allow VCE/VCAL students to participate in part-time schooling and paid part-time employment. Participating students enter into a Training Agreement as part of their required employment arrangements. A student who undertakes a School Based Apprenticeship while still at school must be:

- undertaking VCE /VCAL studies as part of a program managed and coordinated by a school, and
- a signatory to a Training Agreement registered with the State Training Board, and
- employed under an award or registered agreement, and
- undertaking a training program that leads to a nationally recognised vocational qualification.

Students involved in School-based Part Apprenticeships generally attend regular classes 4 days per week, and attend their workplace one day per week (Wednesday). They may also complete additional paid work and training during some of their holiday period.

In some ways, a School-based Apprenticeship program is similar to a VET in Schools program - with similar advantages. However, within an Apprenticeship program it is required that students spend the equivalent of at least one day per week in paid employment, ie. four days at school, one day working. This is considerably more work placement than is involved in VET in Schools programs.

Similarly to the VET in Schools programs, students will be issued with a nationally recognised certificate at the successful completion of the two years. They will also receive a VCE certificate (providing they successfully complete the VCE requirements) or VCAL certificate. So they will have had the benefit of completing their VCE or VCAL, completing a Certificate I or II level training qualification, and also spent a significant amount of time in the work force being paid a training wage.

The main difference between VET in Schools programs and School Based Apprenticeships it that for a School Based Apprenticeship the student **requires an employer** for the duration of the program. This does not mean necessarily that the employer must guarantee the student a job at the end of the program/end of VCE/VCAL. It just means that the employer is willing to employ the student (at training wage rates) during the program (typically two years) on a part-time basis. This effectively provides the student with a part-time job throughout their VCE/VCAL in an area of interest to them.

The crucial thing to remember is that students must have an employer before embarking on a school-based part-time New Apprenticeship. Some assistance is available with securing an employer and the Colleges have established good working relationships with a number of local Group Training Companies who are available to speak with prospective employers to explain all the details of a school-based part-time Apprenticeship.

If you are interested in a School Based Apprenticeship it is important that you speak with Danielle Caponecchia.

# **VET Hospitality**

#### SIT20416 Certificate II in Kitchen Operations

This is a two year course. It can be studied as either a VCE or VCAL unit. If studied as a VCE unit, it can be one of your primary five units.

#### Unit 1 and 2

You expand your knowledge of the hospitality industry. Hygiene, health and safety are covered. You develop knife and cooking skills and prepare a range of foods. You study the basic methods of cooking and prepare a variety of dishes using these methods.

#### Unit 3 and 4

You continue to develop knowledge and skills. We focus on cooking and extending the range of dishes you can prepare. Units include

- prepare appetisers and salads
- prepare poultry dishes
- prepare stocks sauces and soups

#### What does this mean for me?

#### Unit 1 and 2

You learn professional cooking skills and develop your ability to cook a variety of foods. You gain experience in hospitality, catering and cooking a variety of foods working at school based functions.

#### Unit 3 and 4

As you gain more experience and develop your skills you will create more complex dishes to industry standards.

#### Assessment

- course work
- written and practical assessment tasks
- internal end of semester examinations in first year of course
- scored school based assessments (SACs) and external end of year examination in second year of the course

Students wishing to receive an ATAR contribution for the scored units 3 and 4 sequence of VCE VET Kitchen Operations must undertake scored assessment for the purpose of achieving a study score. This study score can contribute directly to the ATAR, either as one of the student's best four studies (the primary four) or as a fifth or sixth study.

Where a student elects not to receive a study score for the scored unit 3 and 4 sequence of VCE VET subject, no contribution to the ATAR will be available.

#### What sort of student would like Hospitality?

Someone who is interested in

- cooking
- employment in the hospitality industry
- gaining an apprenticeship in the hospitality industry

#### **Pre-requisites**

Unit 1 and 2 must be completed prior to commencing Unit 3 and 4.

*This program is delivered through an auspice partnership with Access Skills Training (AST) as the Registered Training Organisation TOID 4603* 

#

# Process from here .....

Using this Handbook, identify subjects you might be interested in.

Join the virtual meetings (schedule attached) during the week  $22^{nd} - 25^{th}$  June to find out more about individual subjects.

Participate in any of the following activities to assist you to make decisions about which subjects/program you will choose:

- discussions/activities in Learning Mentor
- seek out teachers of subjects
- meet with Danielle Caponecchia
- talk to students who are currently undertaking subjects
- research future course/career pathways

By the end week 1 Term 3 (Friday 17<sup>th</sup> July) select subjects using the online portal.

Print the preference receipt and hand it in to either Ms Milford or Ms Gardner in the SLC office.