



# VCE Learning Program

## 2025



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### OLSH COLLEGE BENTLEIGH



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# Introduction

The information in this handbook will assist you with planning your pathway through the senior school in Years 11 and Year 12. If you have any enquiries, please do not hesitate to contact:

- Mr. Joshua Di Pietro | Deputy Principal, Learning and Teaching
- Ms. Amanda Nelson | Director of Curriculum
- Mrs. Carmel Girolami | Careers and Pathways Coordinator

## Satisfactory Completion of the VCE What is the VCE?

The Victorian Certificate of Education (VCE) is a certificate that recognises the successful completion of secondary education. It is a qualification that is recognised around the world. The VCE provides pathways to further study at university, TAFE, and the world of work.

A typical VCE program is 24 – 25 units. All VCE students at OLSH will undertake:

- Religious Education or VCE Religion and Society Units 1 & 2
- English (VCE English or VCE Literature or EAL).

To obtain your VCE, you must satisfactorily complete at least 16 units. The 16 units can include VET. Regardless of how many units you do altogether, each student must satisfactorily complete:

- At least three units of English
- Three sequences of Unit 3 & 4 studies in addition to an English
- These sequences can be from VCE studies and/or VET programs.

## VCE Baccalaureate

The VCE Baccalaureate aims to encourage more students to include languages and higherlevel mathematics in their senior secondary program of study.

To be eligible for the award of the VCE Baccalaureate, students will be required to meet the requirements of satisfactory completion of the VCE plus:

- satisfactorily complete a Unit 3 & 4 sequence from English or English Literature or English Language with a minimum study score of 33
- satisfactorily complete a Unit 3 & 4 sequence in either Mathematics Methods or Specialist
- satisfactorily complete the Unit 3 & 4 sequence in a VCE Language.

These students will receive a VCE (Baccalaureate) certificate and a VCE Certificate.



# VCE English Units 1&2

## **Course Description**

In VCE English, students read novels and reply to topic questions analytically. Students develop a 'voice', learning to explore ideas via different text types, such as expository, narrative, reflective or opinion writing. Finally, students learn to identify and analyse the persuasive effect on readers and listeners.

Unit 1	Unit 2
Areas of Study	Areas of Study
Reading and Exploring Texts	Reading and Exploring Texts
Crafting Texts	Exploring Argument

## **Topics Include**

An analysis of the ideas, concerns and values presented in a text. Students read and engage imaginatively and critically with mentor texts, and effective and cohesive writing with identified contexts.

## **Topics Include**

An analysis of explicit and implicit ideas, concerns and values presented in a text. Students consider the way arguments are developed and delivered in many forms of media. They explore the structure of these texts, including contention, sequence of arguments, use of supporting evidence and persuasive strategies.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/english-
Study Guide	and-eal/Pages/index.aspx



voices; Historical and cultural contexts of



## VCE Literature Units 1 & 2

## **Course Description**

This course focuses on the meanings derived from texts, the relationships between texts, the contexts in which texts are produced, and how readers' experiences shape their responses to texts. Students will develop and refine four key abilities - offer and understand interpretation, analyse, and respond - through their engagement with texts.

Unit 1	Unit 2
Areas of Study	Areas of Study
Reading practices	Voices of Country
Exploration of literary movements and genres	The text in its context
Topics Include	Topics Include
Language, structure, and stylistic choices used in different literacy forms; Personal	Voice and perspectives of Aboriginal and Torres Strait Islander authors;
and others' interpretations of text; Literary movements and genres.	Interconnectedness of place, culture and identity through experiences, texts and

Pathways /	
Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/literature/Pages/index.aspx

text.



# VCE Literature Units 3 & 4

## Course Description

Do you love reading? Are you passionate about ideas? Do you long to analyse a novel, play or poem in detail, using groovy and yet academic language that is itself thought-provoking? Then Literature is for you. Often, the assessment is a response to a single poem or a passage from a text - unlike in English where students respond to the entirety of a text.

Unit 3	Unit 4
Areas of Study	Areas of Study
Adaptation & Transformation	Creative Responses to Texts
Developing Interpretations	Close Analysis of Texts

## **Topics Include**

Comparing an adaptation - such as a film to the original text. For example, comparing the character Dracula in the original novel with Dracula's character, as presented in the Netflix adaptation; Developing an interpretation of a poem, for example, the poetry of Emily Dickinson.

## **Topics** Include

Writing a poem or passage that mirrors the style and characterisation of a poet or novelist; Writing a close analysis of two passages taken from a text, such as Stoker's Dracula.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
Study Guide	designs/literature/Pages/index.aspx



# VCE Health & Human Development Units 1 & 2

### Course Description

In Unit 1, students explore various perspectives on health and wellbeing, investigating the World Health Organization's definition and other interpretations. Students examine factors influencing health attitudes, beliefs, and practices, including those among Aboriginal and Torres Strait Islander Peoples. Students conduct a research investigation into a youth health issue and explore the role of major nutrients and the use of food selection models to promote healthy eating. In Unit 2, students examine the human lifespan, focusing on the developmental changes in the transition from youth to adulthood. Students explore factors contributing to development during pregnancy and early childhood and look at responsibilities associated with becoming a parent. Students investigate aspects of Australia's health system used by youth and opportunities and challenges presented by digital media when accessing health information.

> Unit 1 Areas of Study

Concepts of Health

Youth Health and Wellbeing

Health and Nutrition

Unit 2 Areas of Study

Developmental Transitions

Youth Health Literacy

## **Topics Include**

Definitions and dimensions of health and wellbeing; Health status indicators; Youth and Aboriginal and Torres Strait Islander perspectives on health and wellbeing; Health issues affecting youth; Nutrient and food selection models.

## **Topics** Include

Development over the human lifespanpregnancy, infancy, childhood, adulthood; Characteristics of healthy and respectful relationships; Considerations in becoming a parent; Australia's Health System-Medicare, PBS and NDIS; Digital media and health technologies.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/health- human-development/Pages/Index.aspx



# VCE Health & Human Development Units 3 & 4

### Course Description

In Unit 3, students look at health and wellbeing, disease and illness as being dynamic and subjective concepts. Students consider the benefits of optimal health and wellbeing and its importance as a resource. Students focus on health promotion and improvements in population health over time due to different public health approaches and models. Students will explore Australia's health system. In Unit 4, students examine health and human development in a global context. They use data to investigate health status and human development in different countries, exploring factors that contribute to health inequalities.

Unit 3	Unit 4
Areas of Study	Areas of Study

Understanding Health and Wellbeing

Promoting Health in Australia

#### Global Health and Human Development Health and the Sustainable Development Goals

## Topics Include

Dimensions of health and wellbeing; Health status indicators; Improvements in Australia's health status; Health promotion; Programs to improve Aboriginal and Torres Strait Islander people's health; Australian Dietary Guidelines and the Australian Guide to Healthy Eating; Australia's health system-Medicare, PBS, NDIS and Private Health Insurance.

## **Topics Include**

Human development; Characteristics of low, middle and high-income countries; Sustainability; Global trends; Sustainable Development Goals; Priorities of the World Health Organization; Australia's overseas aid program.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/health- human-development/Pages/Index.aspx





# VCE Physical Education Units 1 & 2

## Course Description

In Unit 1, students explore how the musculoskeletal and cardiorespiratory systems work together to produce and respond to movement. Through participation in practical activities, students explore and analyse the relationships between the body systems and movement, and how these systems interact and respond at various intensities. Students investigate possible conditions and injuries associated with the musculoskeletal system and recommend strategies to minimise and manage them. They consider the ethical implications of using permitted and prohibited practices to improve the performance of the body systems, evaluating perceived physiological benefits and describing potential harms. In Unit 2, students are introduced to the role that physical activity participation and sedentary behaviour play in their own health and wellbeing, as well as in other population groups and contexts. Through a series of practical activity.

### Unit 1

### Areas of Study

How does the musculoskeletal system work to produce movement?

What role does the cardiorespiratory system play in movement?

## Unit 2

## Areas of Study

How do physical activity, sport, and exercise, contribute to healthy lifestyles?

What are the contemporary issues associated with physical activity and sport?

## **Topics Include**

Skeletal System; Muscular System; Musculoskeletal injuries and illnesses; Cardiovascular System; Respiratory System; Performance-enhancing substances and methods.

## **Topics** Include

Types of physical activity; Enablers and barriers to physical activity; Physical activity and sedentary behaviour guidelines; Methods of assessing physical activity and sedentary behaviour; Socialecological model; Contemporary issues in sport.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/physicaleducation/Pages/Index.aspx





## VCE Physical Education Units 3 & 4

## Course Description

In Unit 3, students use a variety of tools and coaching techniques to analyse movement skills and apply biomechanical and skill acquisition principles to improve and refine movement in physical activity, sport and exercise. They use practical activities to demonstrate how correctly applying these principles can lead to improved performance outcomes. Students consider the cardiovascular, respiratory and muscular systems and the roles they play in supplying oxygen and energy to the working muscles. They investigate the characteristics and interplay of the three energy systems and explore the causes of fatigue and different strategies to promote recovery. In Unit 4, students analyse movement skills and fitness requirements and apply training principles and methods to improve performance. Students assess fitness using collected data and use it to design a training program. The effectiveness of programs is evaluated according to the needs of the individual and chronic adaptations to training.

Unit 3	Unit 4
Areas of Study	Areas of Study
How are movement skills improved?	What are the foundations of an effective training program?
How does the body produce energy?	How is training implemented effectively to improve fitness?
	Integrated movement experiences
Topics Include	Topics Include
Skill acquisition; Biomechanics; Psychological strategies; Energy Systems; Acute responses; Fatigue and recovery.	Fitness components; Activity analysis and assessment of fitness; Training principles, methods and training program design; Chronic adaptations.
Pathways /	
Conditions	

Study Guide

https://www.vcaa.vic.edu.au/curriculum/vce/vce-studydesigns/physicaleducation/Pages/Index.aspx



# VCE Geography Units 1 & 2

## Course Description

The study of geography allows students to explore, analyse and come to understand the characteristics of places that make up our world. Geographers are interested in key questions concerning places and geographic phenomena. Students explore these questions through fieldwork, the use of geospatial technologies and investigation of a wide range of secondary sources. These methods underpin the development of a unique framework for understanding the world, enabling students to appreciate its complexity, the diversity and interactions of its environments, economies and cultures, and the processes that helped form and transform these. VCE Geography enables students to examine natural and human-induced phenomena, how and why they change, their interconnections and the patterns they form across the Earth's surface. In doing so, students develop a better understanding of their own place and its spaces and those in other parts of the world. These spatial perspectives, when integrated with historical, economic, ecological and cultural perspectives, deepen understanding of places and environments, and the human interactions within.

Unit 1
Areas of Study

Characteristics of hazards

Response to hazards and disasters

## Unit 2 Areas of Study

Characteristics of tourism

Impacts of tourism: issues and challenges

## **Topics Include**

Geological (or geophysical) hazards including volcanic activity, hydrometeorological (weather, climate, water) hazards including floods, biological hazards including infectious diseases such as malaria; technological hazards are human-induced and exacerbated hazards including oil spills.

## **Topics Include**

The characteristics of tourism, the location and distribution of different types of tourism and tourist destinations, and the factors affecting different types of tourism

Pathways / onditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/Geography/Pages/index.aspx



# VCE Legal Studies Units 3 & 4

### Course Description

VCE Legal Studies Units 3 & 4 teach the foundations of the legal system, criminal law, civil law and human rights. In Unit 3, students learn about the Victorian criminal and civil justice systems. Students learn about the aspects of both criminal and civil cases, the roles of key people involved and how cases are determined. Students evaluate the presence of effective justice in both systems. In Unit 4, students learn about the role of parliament, the Constitution and the High Court in determining society's legal issues. Students also study key issues associated with effective law reform.

### Unit 3 Areas of Study

The Victorian criminal justice system

The Victorian civil justice system

## Unit 4 Areas of Study

The people and the law-makers

The people and reform

## Topics Include

The principles of justice, the rights of the accused, the roles of key personnel, the purposes of sanctions, the purposes of remedies, the factors considered in sentencing, and the effectiveness of various methods to resolve civil disputes.

## **Topics** Include

The roles of parliament, significant sections of the constitution, significant High Court cases, law reform, referendums

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/legalstudies/Pages/Index.aspx



# VCE Modern History Units 1 & 2

## Course Description

Students investigate the nature of social, political, economic and cultural change in the later part of the 19th century and the first half of the 20th century; significant events, ideas, individuals and movements that defined the modern world. Students study the events, ideas, individuals and movements that shaped the 20th century. Students will also study the events, ideas, individuals and movements that caused the great challenges of the 20th century and led to changes in the world order.

Unit 1	Unit 2	
Areas of Study	Areas of Study	
Ideology and Conflict	Causes, course and consequences of the Cold War	
Social and cultural change	Challenge and change	

## Topics Include

Fascism, communism, new nation states, the fallout and consequences of World War One, the contributing factors of WW2.

## **Topics Include**

Causes of the Cold War, key events of the Cold War, the spread of communism, decolonisation, social and political movements

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/history/Pages/index.aspx





# VCE History Revolutions Units 3 & 4

## Course Description

Students investigate the significant historical causes and consequences of political revolution in France between 1774 and 1795 and in Russia between 1896 and 1924. Students will study the collapse and destruction of the political order which resulted in extensive changes to both societies. Students will then study the consequences of the revolution through the creation of a new society.

## Unit 3

#### Areas of Study

Causes of the French Revolution

Consequences of the French Revolution

## Unit 4

Areas of Study

Causes of the Russian Revolution

Consequences of the Russian Revolution

## Topics Include

The French Revolution from 1774 to 4 August 1789 (Accession of Louis XVI to the throne to the night of the 4 August 1789); The French Revolution from 5 August 1789 to 1795 (August Decrees to the dissolution of the Convention Year III).

## **Topics** Include

The Russian Revolution from 1896 to October 1917 (Coronation of Tsar Nicholas II to the announcement of the Soviet government on 26 October 1917); The Russian Revolution from 26 October 1917 to 1927 (Early Sovnarkom decrees to the end of the NEP)

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/history/Pages/index.aspx





## VCE Business Management Units 3 & 4

## Course Description

Students examine different types of businesses and their respective objectives and stakeholders. They investigate strategies to manage both staff and business operations to meet objectives. Students compare theoretical perspectives with current practice through the use of contemporary Australian and global business case studies from the past four years. In this unit, students consider the importance of reviewing key performance indicators to determine current performance and the strategic management necessary to position a business for the future. Students study a theoretical model to undertake change and consider a variety of strategies to manage change in the most efficient and effective way to improve business performance. They investigate the importance of effective management and leadership in change management. Using one or more contemporary business case studies from the past four years, students evaluate business practice against theory.

Unit 3	
Areas of Study	

**Business Foundations** 

Human Resource Management

**Operations Management** 

## Unit 4

Areas of Study

Reviewing Performance - The need for change

Implementing change

## Topics Include

Types of business, management styles, management skills, human resource strategies, motivation theories, operations strategies, and corporate social responsibility.

## **Topics** Include

Forces for business change, leadership, learning organisations, decision-making strategy termination management, employee relations.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/business-management/Pages/Index.aspx





# VCE Business Management Units 1 & 2

## Course Description

Business Management examines the ways businesses manage resources to achieve objectives. Various theories and strategies are considered in Units 1 & 2 to determine what a business needs to do in the planning and establishment of business phases. Contemporary case studies are used to demonstrate how the theory is applied in real-world situations.

Unit 2
Areas of Study
Legal requirements and financial considerations
Marketing a business
Staffing a business
Topics Include
How to source funds, the business marketing plan, the 7Ps model of marketing: product, price, place, promotion, people, physical evidence and process, and how to hire, train and retain/terminate staff.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/business-management/Pages/Index.aspx



# VCE Australian History Units 3 & 4

## Course Description

Australian History provides students with the opportunity to demonstrate their understanding of Australia's past – an understanding that students have been developing from Year 7. The study of Australian History considers Aboriginal and Torres Strait Islander peoples and culture; the radical changes brought by European colonisation; the gold rushes; the Federation; the world wars; social reforms and the development of a multicultural and democratic nation. Students can apply the history skills they have been developing since Year 7; using historical sources (primary and historical interpretations) as evidence; investigating significant people, events, ideas and movements that have influenced and/or resisted change; examining the diverse perspectives of people at the time and how they may have changed or remained the same. Each of the following four assessment tasks must be completed over Units 3 & 4: a historical inquiry; evaluation of historical sources; extended responses; and an essay.

## Unit 3

## Areas of Study

Foundations: To analyse the foundations of continuity and change in Australia, and evaluate the contribution of significant events, ideas, perspectives and experiences to continuity and change Transformations: To analyse the changes in Australian society and evaluate the extent to which continuity and change occurred

### Unit 4

## Areas of Study

Foundations: To analyse the foundations of continuity and change in Australia, and evaluate the contribution of significant events, ideas, perspectives and experiences to continuity and change Transformations: To analyse the changes in Australian society and evaluate the extent to which continuity and change occurred

### **Topics** Include

Creating a nation (1834–1913) Investigation the changing patterns of migration to and within the colonies and federated Australia, and the social, political and economic factors influencing the colonies.

### **Topics** Include

War and upheaval (1950–1992). Investigation of Australia's involvement and reasons for participation in post-World War Two conflicts and the subsequent debates arising from these conflicts.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/australianhistory/Pages/index.aspx



# VCE Legal Studies Units 1 & 2

## Course Description

VCE Legal Studies Units 1 & 2 teach the foundations of the legal system, criminal law, civil law and human rights.

In Unit 1, students learn foundational knowledge about the legal system and the key aspects of criminal law including the elements of crimes, how crimes are investigated and prosecuted in court and the sanctions which are put in place for convicted criminals.

In Unit 2, students will learn about the key aspects of civil law including the key elements of civil laws, how civil laws are resolved and the remedies which apply for civil wrongdoing. Students will also learn about how human rights have been developed and specific issues relating to civil rights in Australia. Additional activities may include excursions to the courts and police station, guest speakers and a mock trial.

Unit 1	Unit 2
Areas of Study	Areas of Study
Legal foundations	Civil liability
Proving guilt	Remedies
Sanctions	Human rights
Topics Include	Topics Include
Characteristics of effective laws; Sources of law such as common law and statute law; elements of crimes; summary and indictable offences; the role of the jury in a criminal trial; types of sanctions such as fines, community correction orders and	Key concepts of civil law such as breach causation and loss; methods used to resolve a civil dispute such as mediation, conciliation and arbitration; institutions that resolve civil disputes such as tribunals, ombudsmen and complaints

Study Guide

https://www.vcaa.vic.edu.au/curriculum/vce/vce-studydesigns/legalstudies/Pages/Index.aspx



# VCE Chinese Language Culture & Society Units 1 & 2

## Course Description

Students develop an understanding of the language, traditional and contemporary social structures and cultural practices of diverse Chinese-speaking communities. Communicate with others in Chinese; understand and appreciate the cultural contexts in which Chinese is used; understand cultural practices and traditions of Chinese-speaking communities; recognise the role of language and culture in effective communication and linguistic heritage of Chinese-speaking peoples; understand your own culture(s) through the study of other cultures.

## Unit 1

### Areas of Study

Confucianism and social harmony, (loyalty, righteousness, propriety, wisdom and trust), its origins, contribution to Chinese social harmony through its thousand-year history.

Listening and responding: Access information from a range of spoken texts in Chinese; locate the key points and supporting ideas, and convey their understanding in both Chinese and English.

Reading and writing in Chinese: Read short texts in Chinese and produce a written response in Chinese characters.

## Unit 2

## Areas of Study

Major Chinese philosophies and Chinese myths and legends include Confucianism, Daoism and Buddhism.

Develop the capacity to initiate and conduct a spoken interaction in Chinese on a subtopic selected from a prescribed list.

Reading, viewing and writing in Chinese; develop the ability to respond to simple written and viewed texts.

## **Topics Include**

Confucianism and social harmony; Personal - family and school life: family life, daily routine, pets, friends, the school day.

## Topics Include

Major Chinese philosophies, myths and legends; Festivals: Chinese New Year, Mid-Autumn Festival and other festivals.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
Study Guide	designs/chineselanguage-cultureandsociety/Pages/index aspx



# VCE Chinese Language Culture & Society Units 3 & 4

## Course Description

Develop an understanding of the language, traditional and contemporary social structures and cultural practices of diverse Chinese-speaking communities. Develop skills to critically analyse different aspects of the cultures of Chinese-speaking peoples and their communities, and the connections between languages, cultures and societies. Use Chinese to communicate with others; understand your own culture(s) through the study of other cultures.

## Unit 3 Areas of Study

Chinese philosophies and their impact on Chinese society including Confucianism, Daoism and Buddhism.

Listening and Responding: access information from a range of short-spoken Chinese texts on a selected subtopic from the table of prescribed topics and suggested subtopics.

Reading and writing in Chinese: Develop your ability to read short Chinese stimulus texts. Use the information and concepts found in these texts to produce responses in Chinese characters.

## Unit 4

## Areas of Study

Social and economic development of contemporary China; Social and cultural values; Economic change, technological change, social and political change.

Speaking in Chinese: Initiate, maintain and close an oral exchange on a selected subtopic.

Reading, viewing and writing in Chinese: Comprehend written texts in Chinese and interpret a visual stimulus on the same selected subtopic, creating a response in Chinese characters.

## **Topics Include**

Chinese philosophies and their impact on Chinese society; Lifestyles: leisure activities, travel, food culture, entertainment.

## **Topics** Include

Social and economic development of contemporary China; Future aspirations: gaining employment, study abroad, parttime work, further study.

#### **Study Guide**

https://www.vcaa.vic.edu.au/curriculum/vce/vce-studydesigns/chineselanguage-cultureandsociety/Pages/index.aspx



# VCE Italian Units 1 & 2

## Course Description

Units 1 & 2 focus on student participation in interpersonal communication, interpreting the language of other speakers, and presenting information and ideas in Italian on a range of themes and topics. Students develop and extend skills in listening, speaking, reading, writing and viewing in Italian in a range of contexts and develop cultural understanding in interpreting and creating language. Units 1 & 2 focus on the three prescribed themes: The Individual, The Italian-speaking communities and The World around us.

### Unit 1 Areas of Study

Interpersonal Communication: Exchange meaning in a spoken interaction in Italian.

Interpretive Communication: interpret information from two texts on the same subtopic presented in Italian and respond in writing in Italian and English.

Presentational Communication: Present

information, concepts and ideas in writing

Unit 2 Areas of Study

Interpersonal Communication: Respond in writing in Italian to spoken, written or visual texts presented in Italian.

Interpretive Communication: Analyse and use information from written, spoken or visual texts to produce an extended written response in Italian.

Area of Study 3: Presentational Communication: Explain information, ideas and concepts orally in Italian to a specific audience about an aspect of culture within communities where Italian is spoken.

## Topics Include

A film study ; "Il Postino' -Io e te' -Scialla' ; The origins of Carnevale and the Commedia dell'arte ; My personal world - family education and future plans; Italian traditions and customs.

## **Topics** Include

Comparative study - Novel Study -'Io e te' -Ammaniti and film study: 'Scialla' - Bruni ; Impacts of technology; A documentary study 'Italy - Love it or leave it'; Italian cultural products and practices - Il Made in Italy.

#### **Study Guide**

in Italian.

https://www.vcaa.vic.edu.au/curriculum/vce/vce-studydesigns/italian/Pages/Index.aspx



# VCE Italian Units 3 & 4

## Course Description

Units 3 & 4 focus on student participation in interpersonal communication, interpreting the language of other speakers, and presenting information and ideas in Italian on a range of themes and topics. Students develop and extend skills in listening, speaking, reading, writing and viewing in Italian in a range of contexts and develop cultural understanding in interpreting and creating language. Units 3 & 4 focus on the three prescribed themes: The Individual, The Italian-speaking communities and The World around us.

## Unit 3

Areas of Study

Interpersonal Communication: Participate in a spoken exchange in Italian to resolve a personal issue.

Interpretive Communication Interpret information from texts and write responses in Italian.

Presentational Communication Express ideas in a personal, informative or imaginative piece of writing in Italian.

## **Topics Include**

A film study: Terraferma (Crialese), Quando sei NATO non puoi piu nasconderti (Giordana) or lo Capitano (Garrone) Europe's refugee crisis - Immigration to Italy; The Mediterranean diet; Family relationships

## Unit 4

## Areas of Study

Interpersonal Communication Share information, ideas and opinions in a spoken exchange in Italian.

Interpretive Communication Analyse information from written, spoken and viewed texts for use in a written response in Italian.

Presentational Communication - Present information, concepts and ideas in evaluative or persuasive

## Topics Include

Italian cultural practices and products; Street art as a form of art and social commentary; Italians migrating to Australia in the 21st Century; Impact of tourism on Venice

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/italian/Pages/Index.aspx



# VCE Maths: Specialist Units 1 & 2

## Course Description

For students who want to study mathematics in-depth, Specialist Mathematics Units 1 & 2 offer a curriculum with a focus on ideas, methods, and procedures connected to mathematical structure, modelling, reasoning, and evidence. This course is designed to create a solid foundation for future research in mathematics and related subjects, while also focusing on interest in the discipline and exploring a wide range of applications. When combined, Mathematical Methods Units 1 & 2 and Specialist Mathematics Units 1 & 2 offer a thorough grounding for Specialist Mathematics Units 3 & 4.

### Unit 1

Areas of Study

Algebra, Number and Structure

**Discrete Mathematics** 

## Unit 2

Areas of Study

Data Analysis, Probability and Statistics

Space and Measurement

Algebra, Number and Structure

Functions, Relations and Graphs

## **Topics** Include

## Topics Include

Proof and Number; Graph Theory; Logic and Algorithms; Sequences and series; Combinatorics; Matrices; Mathematical Investigation. Simulation, Sampling and Sample Distributions; Trigonometry; Vectors; Complex Numbers; Circular functions; Locus in the plane.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/specialistmathematics/Pages/Index.aspx



## VCE Maths: Foundation Units 1 & 2

## Course Description

Units 1 & 2 of Foundation Mathematics are devoted to giving students the mathematical knowledge, abilities, comprehension, and attitudes necessary to solve problems in practical contexts for a variety of community, personal, professional, and postsecondary learning situations that are pertinent to modern society. Students build upon their mathematical foundations in Unit 1, expand their knowledge and capacity to organise and carry out tasks both individually and in groups, articulate their mathematical concepts, and gain the mathematical knowledge and abilities necessary to make wise decisions in their daily lives. Unit 2's main goal is to broaden and deepen students' use of mathematics to solve real-world issues in settings from their previous coursework, their jobs, and other familiar circumstances.

### Unit 1

## Areas of Study

Algebra, Number and Structure

Data analysis, Probability, and Statistics Discrete Mathematics - Financial and Consumer Mathematics

Space and Measurement

### Topics Include

Integers, fractions, decimals, ratio and proportion, percentages and rates, data collection, statistical charts and graphs, data interpretation, personal finance, taxation and superannuation, units of measure, estimation, time, and mathematical investigation.

### Unit 2

Areas of Study

Algebra, Number and Structure

Data analysis, Probability, and Statistics Discrete mathematics - financial and consumer mathematics

#### Space and Measurement

## **Topics Include**

Algebraic patterns and expressions, solving equations, estimation, statistical tables and graphs, statistical calculations, comparing data sets, managing money, financial decision making, community and national finance, shapes, plans and models, location and routes, mathematical investigation.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/foundationmathematics/Pages/Index.aspx





## VCE Maths: Foundation Units 3 & 4

### Course Description

The goal of Foundation Mathematics Units 3 & 4 is to give students the mathematical knowledge, abilities, and comprehension they need to handle problems in real-world situations that are relevant to today's workforce, personal, community, and global contexts. Students must be able to apply methods, procedures, and processes related to algebra, sets, lists, and tables; modern data displays; diagrams; plans; geometric objects and constructions; algebra; algorithms; measures; equations; and graphs, both with and without the aid of technology, to complete these units. They ought to be proficient in the necessary manual and mental methods of estimating and calculating.

## Unit 3

#### Areas of Study

Algebra, Number and Structure

Data analysis, Probability, and Statistics Discrete mathematics - Financial and Consumer Mathematics

Space and Measurement

### Topics Include

Currency and economic mathematics; rational and irrational numbers; direct and indirect variation; geometric constructions and transformations; scale diagrams and models; equations and formulas; tax, income and insurance.

## Unit 4

### Areas of Study

Algebra, Number and Structure

Data analysis, Probability, and Statistics Discrete mathematics - financial and consumer mathematics

Space and Measurement

## **Topics Include**

Simultaneous equations and graphs; data collection methods; representing data in spreadsheets, tables and charts; interpolation and extrapolation; money management; perimeter, area, surface area and volume; percentage error.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
Study Guide	designs/foundationmathematics/Pages/Index.aspx





# VCE Maths: General Units 1 & 2

## Course Description

matrices; mathematical investigation.

Units 1 & 2 General Mathematics covers a wide range of topics that expand on knowledge from previous years and set foundational knowledge for Units 3 & 4. When undertaking General Mathematics you will be expected to keep a good set of notes as a bound reference. Use of the CAS calculator is essential and will be utilised regularly.

Unit 1	Unit 2
Areas of Study	Areas of Study
Data analysis, probability and statistics	Data analysis, Probability and Statistics
Algebra, Number and Structure	Algebra, Number and Structure
Functions, relations and graphs	Functions, relations and graphs Discrete Mathematics - Graphs and
Discrete mathematics - Matrices	Networks
Topics Include	Topics Include
Univariate data; sequences, recurrence relations, and financial mathematics; linear functions, graphs, equations and models;	Bivariate Data; Networks; Variation; measurement and trigonometry; geometry and similarity; mathematical investigation.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/generalmathematics/Pages/Index.aspx





## VCE Maths: General Units 3 & 4

## **Course Description**

General Mathematics Units 3&4 builds on work covered in Units 1 & 2 but has 4 key areas of study. This subject is suitable as a pre-requisite for university courses requiring a VCE Mathematics subject. It is well suited to the study of business, arts, humanities, information technology and science.

Unit 3	Unit 4
Areas of Study	Areas of Study
Data analysis, probability and statistics	Discrete Mathematics – Matrices
Discrete Mathematics - Recursion and	Discrete Mathematics - Graphs and
Financial Modelling.	Networks.
Topics Include	Topics Include
Univariate and bivariate statistics (including	Matrices and their applications: Graphs

Univariate and bivariate statistics (including linear modelling and time series data); Recursion and Financial Modelling.

Matrices and their applications; Graphs

and Networks

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/generalmathematics/Pages/Index.aspx





# VCE Maths: Specialist Units 3 & 4

## Course Description

Specialist Mathematics Units 3 & 4 is designed for students who are interested in learning advanced mathematics. You will extend and apply your skills in calculus, logic and proof, vectors and complex numbers. There are links with your work in Mathematical Methods, but the techniques and skills will be applied in different contexts and to a deeper extent.

Areas of Study Calculus
Calculus
Data Analysis, Probability, and Statistics
Functions, relations and graphs
Algebra, Number and Structure
Topics Include
Calculus, Kinematics, Statistics and
Probability.

Pathways /	
Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
Study Guide	designs/specialistmathematics/Pages/Index.aspx



## VCE Maths: Methods Units 1 & 2

## Course Description

Mathematical Methods Unit 1 & 2 builds on the algebra, graphs, and probability studied in previous years. It has links to science, engineering and further mathematical studies. It requires a high level of commitment to completing work both in and outside of class to maximise the benefits of the subject. Mathematical methods may be studied alongside either General Mathematics or Specialist Mathematics for students keen to broaden their mathematical horizons. While the CAS calculator is essential and used, there is also the need for efficient mental arithmetic as there are assessments in which no form of calculator is allowed.

#### Unit 1

### Areas of Study

Functions, relations and graphs

Algebra, number and structure

Calculus

Data analysis, probability and statistics

### **Topics Include**

Functions and graphs of linear, quadratic, and cubic polynomials; differentiation and rates of change; probability, permutations, and combinations; mathematical investigation

## Unit 2

Areas of Study

Functions, relations and graphs

Algebra, Number and Structure

Calculus

Data analysis, Probability and Statistics

## **Topics** Include

Circular functions; exponential and logarithmic functions; differentiation and its applications; anti-differentiation; probability; mathematical investigation

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/mathematicalmethods/Pages/Index.aspx



## VCE Maths: Methods Units 3 & 4

## Course Description

Mathematical Methods Unit 3 & 4 further extends the concepts covered in Mathematical Methods Unit 1 & 2. It has links to science, engineering and further mathematical studies. It requires a high level of commitment to completing work both in and outside of class to maximise the benefits of the subject. Mathematical methods may be studied alongside either General Mathematics or Specialist Mathematics for students keen to broaden their mathematical horizons. While the CAS calculator is essential and used, there is also the need for efficient mental arithmetic as there are assessments in which no form of calculator is allowed.

## Unit 3

## Areas of Study

Functions, relations and graphs

Algebra, number and structure

Calculus

Data analysis, probability and statistics

### **Topics Include**

Functions and graphs of linear, quadratic, cubic and higher polynomials; functions and graphs of logarithms and exponentials; circular functions, differentiation and its applications.

## Unit 4

### Areas of Study

Functions, relations and graphs

Algebra, Number and Structure

Calculus

Data analysis, Probability and Statistics

## **Topics** Include

Differentiation and its applications; antidifferentiation and its applications; discrete and continuous random variables; statistical inference including sample proportions and confidence intervals.

Pathways /	
Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/mathematicalmethods/Pages/Index.aspx





# VCE Contemporary Music Units 3 & 4

## Course Description

VCE Music Units 3 & 4 develop skills in music performance, theory, and analysis. These units are designed to develop students' musicianship, enhance their practical skills, and deepen their understanding of music as an art form. Students will engage in both solo and ensemble performances, explore a wide range of musical genres and styles, and refine their technical and interpretive abilities.

Unit 3	Unit 4
Areas of Study	Areas of Study
Performing	Performing
Analysing for performance	Analysing for Performance
Responding	Responding
Topics Include	Topics Include
Performance skills, performance analysis, music analysis including the elements of music and compositional devices, music literacy, and music styles.	Performance skills, performance analysis, music analysis including the elements of music and compositional devices, music literacy, and music styles.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/music- performance/Pages/ContemporaryPerformance.aspx



# VCE Drama Units 1 & 2

## Course Description

Drama offers creativity, collaboration, and personal growth. Express yourself, understand others, and make meaningful connections through performance. Study a variety of performance styles from diverse social, historical, and cultural backgrounds. Immerse yourself in ancient rituals and storytelling traditions, to create performances that transcend everyday reality. Craft original pieces that showcase your creativity and teamwork. Transform stories and ideas into captivating performances that leave a lasting impact on your audience. Critique by analysing your work, and that of professional performers, to enhance your performances. Shape and give profound meaning to your performances to bring characters to life across various styles. Document your creative processes as you explore stimulus materials and experiment with production areas, dramatic elements, conventions, and styles.

### Unit 1

## Areas of Study

Creating a devised performance

Presenting a devised performance

Analysing a devised performance Analysing and evaluating a professional drama performance

## **Topics Include**

Study three or more performance styles from various social, historical, contemporary, and cultural contexts; Modern drama techniques, conventions, and devices. Manipulate expressive and performance skills to develop characters and understand their portrayal in different performance styles.

### Unit 2

Areas of Study

Using Australia as inspiration

Presenting a devised performance Analysing and evaluating a devised performance Analysing and evaluating an Australian drama performance

## **Topics Include**

Modern drama techniques and terminology of Australian drama practitioners and their unique performance styles including those of Aboriginal and Torres Strait Islander peoples, colonial Australians, migrants, refugees, and urban and rural communities.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/Drama/Pages/Index.aspx



## VCE Drama Units 3 & 4

## Course Description

Discover Drama: Ignite Your Creativity and Make an Impact! Ever imagined creating captivating performances that leave a lasting impression? In this exciting Drama course, you'll delve into the world of drama practitioners, exploring contemporary practices to craft both ensemble and solo performances. Dive into a mix of performance styles from diverse contemporary and traditional contexts, blending them to create your own unique and eclectic works. Use play-making techniques to unleash the dramatic power of various stimulus materials. Experiment with conventions, elements, expressive and performance skills, and production areas to bring your ideas to life. Shape your performances to reflect specific styles or a fusion of styles, aiming to communicate powerful messages and engage your audience deeply. Study and evaluate professional performances from the VCE Drama Unit 3 Playlist, gaining insights and inspiration from top-tier productions. Drama opens doors to creative expression, innovation, and collaboration.

## Unit 3

#### Areas of Study

Devising and presenting ensemble performance

Analysing a devised ensemble performance Analysing and evaluating a professional drama performance

### Unit 4

#### Areas of Study

Demonstrating techniques of solo performance

Devising a solo performance Analysing and evaluating a devised solo performance

## **Topics Include**

Creating an ensemble performance; Exploring Expressive and Performance Skills, Playmaking Techniques, Drama; Elements, conventions and Production Areas; Viewing and analysing a professional drama performance.

### **Topics Include**

Creating a solo performance; Exploring Expressive and Performance Skills, Playmaking Techniques, Dramatic Elements, conventions and Production Areas.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/Drama/Pages/Index.aspx



# VCE Music Units 1 & 2

## Course Description

VCE Music Units 1 & 2 offer students a comprehensive introduction to music performance, theory, and analysis. These units are designed to develop students' musicianship, enhance their practical skills, and deepen their understanding of music as an art form. Students will engage in both solo and ensemble performances, explore a wide range of musical genres and styles, and refine their technical and interpretive abilities.

Unit 1	Unit 2
Areas of Study	Areas of Study
Performing	Performing
Creating	Creating
Analysing and responding	Analysing and responding
Topics Include	Topics Include
Students develop performance skills and	Students further develop performance
composing skills and develop their music	skills and composing skills and develop
literacy through the lens of music	their music literacy through the lens of
organisation.	effect in music.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/music- performance/Pages/unit1-2.aspx





# VCE Religion and Society Units 1 & 2

## Course Description

In Religion and Society, students undertake a general study of religion and its interaction with society in the past and the present. They 4study specific religious traditions or religious denominations in societies where multiple worldviews coexist and consider the experiences of members as those members engage with their religious tradition individually and communally. This study respects and encourages an open and objective inquiry, without partiality towards any one religion.

## Unit 1

Areas of Study

The nature and purpose of religion

Religion through the ages

Religion in Australia

## Unit 2

### Areas of Study

Ethical decision-making and moral judgment

**Religion and ethics** 

Ethical issues in society

## Topics Include

The origin of religious traditions and spiritualities, including First Nations peoples and Abrahamic religions.

## **Topics** Include

How religion and society influence each other and the challenges faced by spiritualities, religious traditions and denominations.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/religion-
	and-society/Pages/Index.aspx



### VCE Physics Units 1 & 2

### Course Description

In Unit 1 & 2, students explore fundamental physics concepts such as models of light, thermal energy, radioactivity, nuclear processes, and electricity. These concepts are applied to contemporary societal issues including communication, climate change, medical treatment, electrical safety, and Australian energy needs. Students select from eighteen options such as climate science, nuclear energy, biomechanics, and astrophysics. By choosing an option, students delve deeper into a specific area of interest, using physics to develop and justify responses or solutions to relevant societal challenges.

#### Unit 1

#### Areas of Study

How are light and heat explained?

How is energy from the nucleus utilised? How can electricity be used to transfer energy?

### Unit 2

#### Areas of Study

How is motion understood? How does physics inform contemporary issues and applications in society?

How do physicists investigate questions?

### Topics Include

Energy models, Physics and society

### **Topics** Include

Contemporary issues and applications related to Physics

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
Study Guide	designs/Physics/Pages/Index.aspx





### VCE Psychology Units 3 & 4

### Course Description

VCE Units 3 & 4 Psychology builds on the foundations laid in Units 1 & 2, offering a deeper exploration of psychological concepts and their applications. Unit 3 focuses on the relationship between the brain and behaviour, examining the nervous system, stress responses, and the processes underlying learning and memory. It emphasises the biological, psychological, and social factors that influence these processes. Unit 4 delves into mental health and wellbeing, exploring the nature and management of mental disorders, approaches to psychological therapies, and the biopsychosocial model of health. Both units stress the importance of empirical research, ethical practices, and the application of scientific methods in understanding complex psychological phenomena.

#### Unit 3

### Areas of Study

How does the nervous system enable psychological functioning?

How do people learn and remember?

#### Unit 4

### Areas of Study

How does sleep affect mental processes and behaviour?

What influences mental wellbeing? How is scientific inquiry used to investigate mental processes and psychological functioning?

### **Topics Include**

Nervous system functioning; Stress as an example of a psychobiological process; Approaches to understand learning; The psychobiological process of memory.

### **Topics Include**

The demand for sleep; the importance of sleep to mental wellbeing; Defining mental wellbeing; Application of a biopsychosocial approach to explain specific phobia; Maintenance of mental wellbeing.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/Psychology/Pages/Index.aspx



### VCE Physics Units 3 & 4

### Course Description

In Unit 3 & 4 Physics, students use Newton's laws to study motion in one and two dimensions and explore fields - gravitational, magnetic, and electric - to understand motion without apparent contact. They learn how fields affect particle motion, electricity production, and transmission, and the operation of particle accelerators. Students investigate the evolving interplay between theory and experiment in explaining natural phenomena, noting how ideas about light, matter, and energy have changed over time. They examine the limitations of wave theory in explaining light and how quantum physics has introduced particle-like properties. They also explore how light and matter, initially distinct, show similar properties at small scales and how matter is perceived differently at near-light speeds, blurring the line between matter and energy. By studying monumental changes in physics, students are challenged to think beyond everyday experiences, understand the relativistic effects of length contraction and time dilation, and appreciate how Einstein's theories have led to modern technologies like GPS.

### Unit 3

### Areas of Study

How do physicists explain motion in two dimensions?

How to things move without contact? How are fields used in electricity generation?

### Unit 4

#### Areas of Study

How has understanding about the physical world changed?

How is scientific inquiry used to investigate fields, motion or light?

### **Topics Include**

Newton's Laws of Motion, fields and interactions, generation and transmission of electricity.

### **Topics Include**

Light and matter, Einstein's theory of relativity.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/Physics/Pages/Index.aspx



# VCE Chemistry Units 3 & 4

### Course Description

In Unit 3 & 4, students investigate the chemical production of energy and materials in response to growing global demand. They explore the application of innovation, design, and sustainability principles to minimise harmful production effects on the health of people and the environment. Students analyse and compare various fuels, considering energy transformations, efficiencies, environmental impacts, and applications. They examine food as an energy source in living systems and evaluate different types of electrochemical cells for their suitability in energy and material production. Students study factors influencing reaction rates and extent, with an emphasis on controlling reactions to avoid unwanted side effects. Practical investigations include thermochemistry, redox reactions, electrochemical cells, reaction rates, and equilibrium systems, utilizing chemistry terminology to interpret data and evaluate claims. Students also study carbon-based organic compounds' structures and reactions, applying green chemistry principles in synthesising organic compounds. They investigate food metabolism, the action of medicines, and laboratory techniques for organic compound analysis to ensure product purity. Practical investigations encompass organic synthesis, functional group identification, redox titrations, solvent extraction, and distillations, consistently using chemistry terminology for accurate representation and explanation.

### Unit 3

### Areas of Study

What are the current and future options for supplying energy? How can the rate and yield of chemical reactions be optimised?

### Unit 4

### Areas of Study

How are organic compounds categorised and synthesised? How are organic compounds analysed and used? How is scientific inquiry used to investigate the sustainable production of energy and/or materials?

### **Topics Include**

Chemical production and sustainability, fuels, electrochemical and electrolytic cells, rate of reaction, equilibrium.

### **Topics Include**

Carbon-based compounds, actions of medicines, synthesis and analysis of organic compounds.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/chemistry/Pages/index.aspx



# VCE Chemistry Units 1 & 2

### Course Description

In Unit 1 & 2 Chemistry, students explore the chemical structures and properties of materials like covalent compounds, metals, ionic compounds, and polymers. They learn how to measure chemical quantities and study the role of manufacturing innovations in creating sustainable products. Practical investigations include metal reactivity, chromatography, precipitation reactions, empirical formulas, and polymer synthesis. Students use chemistry terminology to analyse their findings and evaluate others' claims. A research project on sustainable material production examines green chemistry principles and the transition to a circular economy, integrating the knowledge and skills they have been working on. Students learn to measure chemical quantities and study the structures and properties of organic compounds, including polymers. They develop practical techniques to quantify substances and investigate organic chemistry. Using scientific equipment, they perform calculations from primary data, such as finding the empirical formula of a compound, and improve data quality. They construct models to visualise organic compound families. They also explore the environmental impact of polymer production, such as recycling biodegradable polymers from natural resources.

### Unit 1

### Areas of Study

How do the chemical structures of materials explain their properties and reactions? How are materials quantified and classified? How can chemical principles be applied to create a more sustainable future?

### Unit 2

#### Areas of Study

How do chemicals interact with water?

How are chemicals measured and analysed? How do quantitative scientific investigations develop our understanding of chemical reactions?

### **Topics Include**

Elements of the Periodic table, reactions of metals, ionic substances, sustainability, measuring chemical quantities.

### **Topics Include**

Acid-base and redox reactions, properties and reactions of gases, properties of water.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
Study Guide	designs/chemistry/Pages/index.aspx



### VCE Biology Units 3 & 4

### Course Description

VCE Units 3 & 4 Biology focus on advanced biological concepts and their practical applications. Unit 3 explores the intricate relationships within and between biological systems, delving into cellular processes, the regulation of biochemical pathways, and the role of DNA in inheritance and protein synthesis. It covers the mechanisms of evolution and the impact of biological changes on ecosystems. Unit 4 examines how life maintains its internal environment and responds to external challenges, including the immune system, homeostasis, and the nervous and endocrine systems. It also addresses current biological issues and the development of biotechnologies. Both units emphasise scientific inquiry, experimental design, data analysis, and the ethical implications of biological research.

#### Unit 3

### Areas of Study

What is the role of nucleic acids and proteins in maintaining life?

How are biochemical pathways regulated?

#### Unit 4

### Areas of Study

How do organisms respond to pathogens?

How are species related over time?

How is scientific inquiry used to investigate cellular processes and/or biological change?

### Topics Include

The relationship between nucleic acids and proteins; DNA manipulation techniques and applications; Regulation of biochemical pathways in photosynthesis and cellular respiration; Photosynthesis as an example of biochemical pathways; Cellular respiration as an example of biochemical pathways; Biotechnological applications of biochemical pathways.

### **Topics Include**

Responding to antigens; Acquiring immunity; Disease challenges and strategies; Changes in species over time; Human change over time.

Pathways /	
Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/biology/Pages/Index.aspx



## VCE Biology Units 1 & 2

### Course Description

Units 1 & 2 of VCE Biology explore the fundamental aspects of life and its continuity. Unit 1 'How do living things stay alive?' delves into cell structure and function, cellular processes like photosynthesis and respiration, and the systems that sustain organisms, emphasising adaptations and homeostasis for survival. Unit 2 'How is continuity of life maintained?' focuses on reproduction and inheritance, covering the cell cycle, asexual and sexual reproduction, genetics, and heredity, along with modern genetic technologies and evolutionary principles. Together, these units provide a comprehensive understanding of biological processes from cellular mechanisms to the perpetuation and evolution of life.

### Unit 1

#### Areas of Study

How do cells function?

How do plant and animal systems function? How do scientific investigations develop an understanding of how organisms regulate their functions?

### Unit 2

### Areas of Study

How is inheritance explained?

How do inherited adaptations impact diversity? How do humans use science to explore

and communicate contemporary bioethical issues?

### Topics Include

How do living things stay alive? What is cellular structure and function? What are adaptations and homeostasis? How is continuity of life maintained? How are genetic technologies used?

### **Topics Include**

How is continuity of life maintained? From chromosomes to genomes; How are genetic technologies used?

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/biology/Pages/Index.aspx





### VCE Psychology Units 1 & 2

### Course Description

VCE Units 1 & 2 Psychology introduce students to the foundational concepts and methodologies of psychology as a scientific discipline. Unit 1 focuses on understanding the mind and behaviour, exploring how biological, psychological, and social factors influence human behaviour. Topics include brain structure and function, the nervous system, stress, and psychological development across the lifespan. Unit 2 delves into how individuals experience the world and how they interact with others, covering perception, cognition, and the nature of relationships and communication. Both units emphasise the application of research methods, critical thinking, and ethical considerations in psychological practice.

### Unit 1

#### Areas of Study

What influences psychological development? How are mental processes and behaviour influenced by the brain? How does contemporary psychology conduct and validate psychological research?

### Unit 2

### Areas of Study

How are people influenced to behave in particular ways?

What influences a person's perception of the world?

How do scientific investigations develop an understanding of influences on perception and behaviour?

### Topics Include

The complexity of psychological development; Defining and supporting psychological development; Role of the brain in mental processes and behaviour; Brain plasticity and brain injury.

### **Topics Include**

Social cognition; Factors that influence individual and group behaviour; Perception; Distortions of perception.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/Psychology/Pages/Index.aspx





### VCE Food Studies Units 1 & 2

### Course Description

Students explore food from a wide range of perspectives, past and present patterns of eating, how and why food has changed over time; Australian and global food production systems, and the many physical and social functions and roles of food – including the origins and cultural roles of food, Indigenous foods and the impact of migration on Australian cuisine. Unit 2 examines the Australian food industry, food within the home, developing food skills for life and the science behind food preparation. Practical activities include comparative food testing, cooking, dietary and product analysis, scientific experiments and sensory analysis. Students develop their understanding of food while acquiring skills that enable them to take greater ownership of their food decisions and eating patterns topics include: the food system and food production in Australia, new food product development, food science in food preparation; and Designing and adapting recipes for dietary requirements.

Unit 1

Areas of Study

Food around the World

Food in Australia

Unit 2 Areas of Study

Australia's Food Systems Food in the Home

### **Topics** Include

Origins and cultural roles of food, from early civilisations and research into the world's earliest food-producing regions; Explore the use of ingredients that were used in earlier cultures including Indigenous foods and the impact of migration on Australian cuisine.

### **Topics Include**

Components of the food system and food production in Australia; Food industries within Australia, including challenges and opportunities to ensure a safe food supply; Food science, the physical and chemical changes that occur during food preparation; Designing and adapting recipes to encompass a range of dietary requirements.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/foodstudies/Pages/Index.aspx





### VCE Food Studies Units 3 & 4

### Course Description

Unit 3 students investigate the many roles and everyday influences of food, exploring the science of food: our physical need for it and how it nourishes and sometimes harms our bodies. They analyse the scientific evidence of the Dietary Guidelines and the Australian Guide to Healthy Eating and develop their understanding of diverse nutrient requirements. Topics include Nutrition and your body, dietary requirements across the lifespan, gut health, and social influences on food choice. Unit 4 examines food issues, challenges and the future of food. Students explore the impact of food production on the environment and the opportunities to be active food citizens in today's world. Practical activities are integral to Food Studies and include comparative food testing, cooking, dietary and product analysis, scientific experiments and sensory analysis. Students develop their understanding of food while acquiring skills that enable them to take greater ownership of their food decisions and eating patterns. Topics include: Assessing food fads, trends & diets, challenges of food security, food sovereignty and food citizenship, environment and ethics in food production.

Unit 3	Unit 4	
Areas of Study	Areas of Study	
The Science of Food	Navigating food information	
Food Choices, Health and Wellbeing	Environment and ethics	

### **Topics Include**

The science of food preparation; Physical needs for food; Relationship between nutrition and gut health; Behavioural principles of food choices.

### Topics Include

Food knowledge, skills, and habits; Food fads, trends, and diets; Food labelling; Challenges, sovereignty and citizenship; Food wastage and sustainability.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/foodstudies/Pages/index.aspx





### VCE Art Creative Practice Units 1 & 2

### Course Description

Discover incredible artists from various times and cultures and create personal visual responses and artworks with a diverse range of art materials and techniques. Drawing, painting, printmaking, fashion, sculpture, photography, computer design, collage and mixed media. This subject is suitable for all abilities and experience levels. Experiment with mediums and create your own artwork inspired by your ideas and interests. Study artists from different times and cultures, observing their creations, inspirations, artistic methods, and the impact of their work on viewers. Write and talk about art with confidence.

### Unit 1

### Areas of Study

Practices of 3 artists, and application of the Structural Lens and Personal Lens to analyse and interpret one artwork by each artist.

Use the Creative Practice to develop and make visual responses informed by their exploration of personal interests and ideas.

Document and evaluate the components of the Creative Practice used to make personal visual responses.

### Unit 2

### Areas of Study

Use the Cultural Lens, and the other Interpretive Lenses as appropriate, to analyse and compare the practices of artists and artworks from different cultures and times.

Use the Creative Practice to explore social and cultural ideas or issues to make and present at least one finished artwork using collaborative approaches.

Critically reflect on, evaluate and document their use of the Creative Practice to develop and make collaborative visual responses.

### Topics Include

Artists, artworks and audiences; The Creative Practice; Documenting and reflecting on the Creative Practice.

### **Topics Include**

The artist, society and culture; The collaborative Creative Practice; Documentation of collaboration using the Creative Practice.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/ArtCreativePractice/Pages/Index.aspx





### VCE Art Creative Practice Units 3 & 4

### Course Description

Create artworks and experiment with materials, techniques and processes. Choose an artist and artwork to use as inspiration for your own work. Explore and interpret the meanings and messages in artworks. Specialise in your chosen medium (e.g. Oil paint, sculpture, drawing etc), explore an idea or issue using your Visual Diary and critically evaluate your progress. You will create and critique two artworks and reflect on the way you have refined your skills.

### Unit 3

### Areas of Study

Research & Exploration: Prepare a written report that includes visuals on a selected artist and develop a final artwork inspired by that artist, documenting your research and exploration. Resolution, Presentation & Critique: Evaluate, reflect & talk about your use of the Creative Practice in a critique, including the presentation of at least one finished artwork.

Apply and explore ideas in an area of personal interest using the Creative Practice. This can be a continuation of AOS 1 or a new idea.

### Unit 4

### Areas of Study

Continue to document your use of the Creative Practice to develop, refine & resolve the ideas developed in Unit 3. You will present a critique to inform the refinement and resolution of your Body of Work.

Use the Creative Practice to resolve and present a Body of Work.

Compare the practices of historical and contemporary artists, and use the Interpretive Lenses to analyse and interpret the meanings and messages of selected artworks.

### **Topics Include**

Research report (500 words), Visual Diary, Artwork using chosen medium, Critique of Visual Diary and Artwork.

### **Topics Include**

Visual Diary, Artwork, Critique of Visual Diary and Artwork; Comparison of Two Artists, their practice and their artworks.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/ArtCreativePractice/Pages/index.aspx



# VCE Art Making & Exhibiting Units 1 & 2

### Course Description

Do you enjoy making, viewing and interpreting artworks around you? Develop an understanding of exhibition spaces and how they present and take care of artwork by attending exhibition spaces yourself. Curate and present your own and others' artworks for display. Explore your choice of materials and techniques within selected art forms. Trial and document your art practice and create refined artworks.

### Unit 1 Areas of Study

Explore: How do artists use materials and techniques in their artmaking? Explore different artists and art forms; Explore a range of materials and techniques.

Expand: How do artists use materials and techniques to represent ideas and achieve a style in their artworks? Create a final artwork/s in your chosen art form; Document and reflect on your art practice. Investigate: What role do artworks and their presentation play in society? Create a brochure for a proposed thematic exhibition using the works of three Australian artists of your choice.

### Unit 2

### Areas of Study

Understand ideas, artworks and exhibitions. Visit gallery spaces and learn about how artworks are displayed and looked after Design your own thematic exhibition using artworks from various sources.

Develop theme, aesthetic qualities and style; Explore and document the use of art elements, art principles and aesthetic qualities to make experimental artworks in response to a selected theme and artform of your choice.

Resolve ideas, subject matter and style. Document art making to develop and resolve subject matter and ideas in at least one finished artwork.

### Topics Include

How do artists use materials and techniques to represent ideas and achieve a style in their artworks, What role do artworks and their presentation play in society?

### **Topics** Include

How are thematic exhibitions planned and designed? How does an artist develop aesthetic qualities and style in artworks? How does an artist develop ideas and a personal style in artworks?

#### **Study Guide**

https://www.vcaa.vic.edu.au/curriculum/vce/vce-studydesigns/ArtMakingandExhibiting/Pages/Index.aspx



### VCE Art Making & Exhibiting Units 3 & 4

### Course Description

Engage in your own art-making using various materials, techniques, and processes of a specific art form. Explore contexts, subject matter, and ideas creatively to investigate how artists use visual language to convey meaning. Study the practices of three inspirational artists and document your journey in a Visual Arts journal, leading to the development of at least two unique artworks. Present these artworks for peer critique and use the feedback to refine and develop a final artwork in Visit and Research exhibitions in various spaces, gaining insights into curatorial roles and drawing inspiration for your own exhibition of two artworks by each of your three inspirational artists. Consolidate and extend your artworks and ideas to further refine and resolve a final artwork in a specific art form. Organise and display your finished artwork for exhibition, deciding on presentation and lighting. Visit galleries and exhibitions to study presentation, conservation, and care methods, applying these insights to your own artworks.

### Unit 3

### Areas of Study

Collect information from artists and artworks in specific art forms to develop subject matter and ideas in your own artmaking.

Make artworks in specific art forms, prepare and present a critique, and reflect on feedback.

Research and plan an exhibition of the artworks of three artists.

### Unit 4

### Areas of Study

Refine and resolve at least one finished artwork in a specific art form and document the materials, techniques and processes used in art making.

Plan and display at least one finished artwork in a specific art form, and present a critique.

Understand the presentation, conservation and care of artworks, including the conservation and care of their own artworks.

### **Topics Include**

### Topics Include

Collect, extend and connect.

Consolidate, present and conserve.

Pathways /	
Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-
	designs/ArtMakingandExhibiting/Pages/Index.aspx



### VCE Visual Communication Design Units 1 & 2

### **Course Description**

Explore how understandings of good and bad design have evolved. Student projects explore brand strategy and product development while promoting sustainable and circular design practices.

Unit 1	Unit 2
Areas of Study	Areas of Study
Reframing design problems	Design, place and time
Solving communication design problems	Cultural ownership and design
Design's influence and influences on design	Designing interactive experiences
Topics Include	Topics Include
Designing and 3D printing or laser printing a pair of glasses. Creating branding and packaging for the glasses.	Create a 3D re-design of a historic building in Melbourne. Develop personal iconography for yourself, your family, your pet, best friend. Create an interactive

Pathways /	
Conditions	
Study Guide	https://www.vcaa.vic.edu.au/Documents/vce/visualcomm/2024VisualCo
	mmunicationDesignSD.docx



## VCE Visual Communication Design Units 3 & 4

### Course Description

Do you enjoy creating your own designs, envisioning new exciting environments, creating advertisement material, and business logos, creating new inventions and products, game and animation design, social media websites and app design? Explore different design practices and learn how designers visually communicate ideas and information when designing for people, communities and societies.

### Unit 3

### Areas of Study

Professional Design Practice: Research different contemporary designers; Compare practices between designers; and Complete your own designs. Design Analysis: Visual language to communicate ideas and information. Messages; Objects; Environments; Interactive Experiences; Explore design examples by different designers; Compare the aesthetic considerations of the designs. Design Process: 4 stages of the design process - Discover; Define: Develop; Critique

### Unit 4

### Areas of Study

Refining and resolving design concepts: Deliver: Present your ideas; Refine and resolve concepts and deliver a pitch evaluating the extent to which these meet the requirements of the brief. Presenting Design Solutions: Deliver: Present your ideas; Produce final designs for each communication need defined in the brief.

### **Topics Include**

Professional Design Practice, Design Analysis, Defining problems and developing ideas.

### Topics Include

Refining and resolving design concepts and presenting Design Solutions.

Pathways / Conditions	
Study Guide	https://www.vcaa.vic.edu.au/curriculum/vce/vce-study- designs/visualcommunicationdesign/Pages/Index.aspx



### **VCE Vocational Major**

### Course Description

The VCE VM is an exciting pathway within the VCE designed for students seeking practical, work-related skills and knowledge. It integrates academic learning with hands-on experience, preparing students for a successful transition to employment, apprenticeships, traineeships, or further vocational study. With a strong focus on real-world application, the VCE VM supports students in developing critical thinking, problem-solving abilities, and essential workplace competencies. The program offers a dynamic and flexible approach to education, fostering both personal growth and career readiness. The VM program includes four core subjects and one VET subject across years 11 and 12. In year 11 only, students will also choose one additional VCE or VET course.

Units 1-4		Electives			
Literacy		One VCE or VET course			
Numeracy					
Work-related Skills					
Personal Development Skills					
ONE VCE or VET course					
Pathways /					
Conditions					
Study Ouida	https://www.vcaa.vic.edu.	au/curriculum/vce/vce-study-			

Study Guide

https://www.vcaa.vic.edu.au/curriculum/vce/vce-study designs/Pages/VCEVMStudyDesigns.aspx



### VCE VET Apparel, Fashion and Textiles

MST20722 - Certificate II in Apparel, Fashion and Textiles

### Course Description

This course equips students with essential skills in garment construction, fabric selection, and design techniques, laying a strong foundation for further studies or entry-level positions in the fashion industry. Students learn to use industry-standard sewing machines through practical, hands-on training, understand textile properties, and develop basic design concepts. The curriculum also covers fashion industry insights, sustainability practices, and workplace safety. This two-year program is delivered in partnership with Ripponlea Institute (21230) – student enrolment is with the RTO.

Ideal for creative individuals passionate about fashion, this certificate opens pathways to roles such as production assistants, textile technicians, or further education in fashion design and technology.

# Year 1 Units of Competency:

MSMWHS200 Work safely MSTAT2005 Sew materials by machine MSTGN2018 Work in the TCF industry BSBCMM211 Apply communication skills MSTGN2023 Identify and handle fabrics and textiles MSTAT2006 Assemble simple textile products

# Year 2 Units of Competency:

MSMENV272 Participate in environmentally sustainable work practices

MSTAT2001 Prepare and communicate design concepts for simple textile products

MSTAT2002 Draw basic sketches of textile products

MSTAT2010 Use basic textile production processes

MSTML1001 Make a simple headpiece

MSTAT3008 Embellish textile products

#### Conditions

Upon satisfactory completion of all units of competency, a student may attain a national qualification and be awarded a Certificate. A Statement of Attainment may instead be granted when a student meets the requirements of some units of competency. Completion of this course does not guarantee employment.



### **VCE VET Community Services**

CHC22015 - Certificate II in Community Services

CHC32015 - Certificate III in Community Services

### Course Description

This course provides an introductory qualification for students interested in exploring careers in the community services sector. It provides a foundation of knowledge and practical skills for supporting individuals and groups in various community settings. Students will learn about communication, health and safety, working with diverse people, and the ethical considerations inherent in community service work. Through a blend of classroom learning and hands-on experiences, participants gain insight into the roles and responsibilities within this field. Students will participate in structured workplace learning in a community service setting. This two-year program is delivered in partnership with IVET (40548) – student enrolment is with the RTO.

Completing this certificate can equip students for entry-level positions or further studies in community services, paving the way for rewarding careers in health, social support, and welfare services.

# Year 1 Units of

### Competency:

SKOCM07 Interact effectively with others at work

CHCDIV001 Work with diverse people

HLTAID011 Provide first aid

HLTWHS001 Participate in workplace health and safety

CHCCOM005 Communicate and work in health or community services

CHCCOM001 Provide first point of contact

CHCVOL001 Be an effective volunteer

FSKWTG09 Write routine workplace texts

#### Conditions

Upon satisfactory completion of all units of competency, a student may attain a national qualification and be awarded a Certificate. A Statement of Attainment may instead be granted when a student meets the requirements of some units of competency. Completion of this course does not guarantee employment.

### Year 2 Units of Competency:

CHCCCS016 Respond to client needs

CHCCDE004 Implement participation and engagement strategies

CHCCDE003 Work within a community development framework



### VCE VET Sport, Aquatics, and Recreation

SIS30122 - Certificate III in Sport, Aquatics and Recreation

### **Course Description**

This course is an engaging and dynamic program for students passionate about physical fitness, sports management, and outdoor recreation. This course offers theoretical knowledge and practical skills, covering coaching, event management and first aid. Students will learn to plan, organise, and deliver several sports and recreation activities, ensuring they are well-prepared for roles in the sports, fitness, and recreation industries. The curriculum also emphasises teamwork, leadership, planning and organisation, and communication skills - essential for success in these fields. This two-year program is delivered in partnership with IVET (40548) – student enrolment is with the RTO.

By participating in this program, students gain valuable qualifications and experience that can lead to exciting career opportunities or further education in sport, aquatics and recreation.

Year 1 Units of Competency:

HLTWHS001 Participate in workplace health and safety

BSBPEF301 Organise personal work priorities

HLTAID011 First aid

SISXENR003 Respond to emergencies

SISXCCS004 Provide quality service

SISSSOF002 Continuously improve officiating skills and knowledge

Year 2 Units of Competency:

BSBWHS308 Participate in WHS hazard identification, risk assessment and risk control processes

SISSSCO001 Conduct sports coaching sessions with foundation-level participants

SISXPLD004 Facilitate groups

SISOFLD001 Assist in conducting recreation sessions

SISXIND011 Maintain sport, fitness and recreation industry knowledge

#### Conditions

Upon satisfactory completion of all units of competency, a student may attain a national qualification and be awarded a Certificate. A Statement of Attainment may instead be granted when a student meets the requirements of some units of competency. Completion of this course does not guarantee employment.



# VCE VET Dance

CUA20120 – Certificate II in Dance CUA30120 – Certificate III in Dance

### Course Description

This course offers students an immersive introduction to dance, combining practical training with theoretical knowledge. This course covers a variety of dance styles and focuses on developing technical skills, performance abilities, and an understanding of the dance industry. Students will participate in individual and group performances, enhancing their creativity and confidence. The program also includes units on safe dance practices, industry knowledge, and career planning, providing a comprehensive foundation for further study or entry-level work in the dance field. This two-year program is delivered in partnership with the Australian Dance Council (20949) – student enrolment is with the RTO.

This course is ideal for passionate dancers seeking to refine their skills, this certificate equips students with the essential competencies to pursue their artistic goals.

Year 1 Units of Competency:

CUADAN211 Develop basic dance techniques

CUAPRF211 Prepare for live performances

CUAWHS111 Follow safe dance practices

CUAWHS211 Develop a basic level of physical fitness for dance performance

BSBTWK201 Work effectively with others

Two dance-style electives

Year 2 Units of Competency:

CUADAN212 Incorporate artistic expression into basic dance performances

CUAIND211 Develop and apply creative arts industry knowledge

CUAPRF314 Develop audition techniques

CUAPRF317 Develop performance techniques

Two dance-style electives

#### Conditions

Upon satisfactory completion of all units of competency, a student may attain a national qualification and be awarded a Certificate. A Statement of Attainment may instead be granted when a student meets the requirements of some units of competency. Completion of this course does not guarantee employment.