



# ***Year 10 Handbook***

## ***2025***

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# Year 10 Curriculum 2025

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The Year 10 curriculum at Kolbe Catholic College is designed to ensure students develop a range of knowledge, skills and experiences that will prepare them adequately for a range of senior pathways including VCE and VCE Vocational Major. Rigorous, challenging and flexible courses allow each student to build on their prior skills and knowledge. All Year 10 students will undertake studies according to the program outlined on page 5 of this handbook. This handbook provides the information students will need in order to make elective selections. Students are encouraged to discuss their elective choices with their parents and teachers prior to making final decisions.

## **Core Studies**

All students are required to study core subjects as outlined on page 4.

## **Pathways**

This core unit covers topics such as careers investigation & planning, work expectations and preparing for the workplace after school, goal setting, transitioning to senior studies and VCE/VCE Vocational Major subject selection.

As a part of this unit, students will complete careers testing which will provide students with information about possible career pathways that could be of interest based on the responses they provide. This can assist with the development of a career action plan as well as with discussions about selections of educational pathways in the senior years (Years 11 and 12).

## **Elective Studies**

Students will be required to choose five electives over the two semesters (Core Science is completed as a part of the Electives Program). At least one of these electives must be a Humanities elective. Students are advised to read the subject descriptions carefully, noting the recommendations and conditions that apply to undertaking some electives. While every effort will be made to ensure students are allocated their choices, subject availability will be dependent on student choices, class sizes, resource availability and timetabling factors. There may be some instances where students are not able to study a particular unit of choice. For this reason, all students are required to choose 2 alternative electives as reserve options. Where students are unable to be placed in their five choices or in their alternatives, they will be consulted.

## **Work Experience**

During 2025 students will have the opportunity to complete work experience during the April, July and/or September school holidays, or during a week preapproved during the school year (so as to have minimal impact on their study program).

Work experience has enormous benefits for students as it gives them a chance to:

- Work alongside adults as part of a team gaining an understanding of work.
- Develop and practice a range of new skills.
- Become more independent and confident.
- Relate the school curriculum to the workplace.
- Increase motivation to continue their study and/or undertake further training.
- Explore career options.

As such the college supports students gaining a placement during a suitable week, so students can gain insights into the industry and the workplace in which they are located.

## **Acceleration into VCE Studies**

The core Year 10 units provide the opportunity for all students to be involved in accelerated learning. In addition to this, acceleration into select subjects from VCE Units 1 and 2 for Year 10 2025 will be by invitation only. Students will be assessed as eligible for acceleration based on set criteria. All previous Academic Reports and Academic Data as well as Subject Teacher recommendation and a rigorous application process will be used as evidence that these criteria have been met.

## **ASPIRE PROGRAM : Alternate Program at Year 10**

The ASPIRE Program aims to provide Year 10 students with innovative opportunities both inside and outside the classroom, which builds their academic skills whilst also helping them to prepare for their senior studies and the world of work. There is also a strong focus on improving student organisation, skills in English and Mathematics, and developing resilience and confidence. The expectation is that students will be predominantly following the mainstream curriculum with more support offered to the students in class to help them reach their specific goals. Find more information on page 7.

# Year 10 Core Subjects 2025

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## **Year 10 Journey in Faith**

The Year 10 Journey in Faith programme enables students to further their knowledge, skills and understanding of Religious Education. Students study a range of units that enable them to develop their faith as well as bear witness to the values of the Catholic tradition. Each unit is in line with the Religious Education Curriculum Framework as set out by the Archdiocese of Melbourne within the context of Horizons of Hope, allowing our students to personally and communally engage with their faith, showcase their religious knowledge and understanding, and demonstrate the skills of reasoning and responding.

## **Year 10 English**

The course aims to develop students' skills in reading, writing, speaking and listening. Students will be required to respond to a range of multimodal and literary texts that extend their understanding of language, themselves and the world. The course aims to develop confidence and skills in employing a range of writing styles for different purposes and audiences. Students will develop their ability to critically evaluate points of view and present and justify their own views both orally and in writing. Students will be required to present ideas using a range of strategies that include multimodal presentations. The course encourages students to consider issues in Australian and global society and respond in logical and discerning ways. English is a compulsory course for Year 10 students, however, those who enjoy English are strongly encouraged to choose an additional English elective.

## **Year 10 Mathematics**

This course aims to assist students to build on their mathematical knowledge and skills in the content strands of Number and Algebra, Measurement and Geometry, and Statistics and Probability. The proficiency strands of Understanding, Fluency, Problem Solving and Reasoning are an integral part of Mathematics across each of the content stands and they reinforce the significance of working mathematically within the content and describe how the content is explored or developed. The course integrates the use of technology into the learning of Mathematics with the introduction of the CAS (Computer Algebra System) calculator.

The Mathematics curriculum at Year 10 is designed to provide students with the required challenge and support to prepare them for Mathematics at a senior level.

- The Core Year 10 Mathematics program is designed to prepare students to undertake the rigors of VCE Foundation Mathematics and General Mathematics.
- Those students who have demonstrated a high level of achievement and ability in Year 9 Mathematics will be invited to take up the pre-Mathematical Methods class that prepares students for VCE Mathematical Methods and Specialist Mathematics

## **Year 10 Science**

The Core Year 10 Science Program is designed to provide students with the basic knowledge required to access Science subjects at VCE. The Science electives of Biology, Chemistry, Physics and Psychology have been designed to provide students with the key knowledge required for entry into the respective VCE Sciences – VCE Biology, VCE Chemistry, VCE Physics, VCE Psychology. Successful completion of the Biology, Chemistry and Physics electives is strongly recommended for entry into that VCE Science subject.

## **Year 10 Humanities**

In Year 10 Humanities, students take a journey into the past, exploring key moments that shaped our world. They delve into the harrowing events of World War II, unravelling the global conflicts and the resilience of nations. Turning their focus to Rights and Freedoms, students examine the struggles and triumphs in pursuing justice and equality. They explore Citizenship and Diversity through the lens of law, understanding the protection of rights. Finally, students will delve into the exciting world of marketing and finance. They will learn to analyse market trends and consumer behaviour to develop effective marketing strategies.

## **Year 10 PE/Health**

This course covers two main areas of personal wellbeing through a Health and Physical Education focus. The Health aspect (Relationships) focuses on the importance of developing and maintaining lifelong relationships. Students identify the pressures and consequences that may arise as a result of nurturing and maintaining healthy relationships. Consequences and choices will be defined and applied to situations that adolescents are likely to face in this crucial stage of their development. Students explain the rights and responsibilities associated with developing greater independence, including those related to sexual identity and sexual relationships.

# Year 10 Curriculum Framework 2025

CORE OR ELECTIVE	LEARNING AREA	SUBJECT NAME
<b>CORE – TWO SEMESTERS</b>	Religious Education	Journey in Faith
	English	English
	Mathematics	Mathematics
	Pathways	Pathways
<b>CORE – ONE SEMESTER</b>	Humanities	Humanities
	Health & Physical Education	PE/Health
	Science	Science
<b>ELECTIVES* 3 each semester</b>	English	English Language
		Literature
		Writers Workshop
	Science	Biology
		Chemistry
		Environmental Science
		Physics
		Psychology
	The Arts	Modern Monet
		Sculpt like Serra
		Dance
		Drama
		Media Studies
		Music
		Photography
		Visual Communication and Design
		VET Certificate III Music Industry - Performance
		Humanities
	Commerce	
	Global Politics	
	History	
	Legal Studies	
	LOTE***^	Our Changing Environment
		Italian I (One semester) or Italian 2 (Two semesters) Arabic I (One semester) or Arabic 2 (Two semesters)
	Technology	Computing
		Food Technology
		Materials Technology
		Systems Engineering
Health & PE****	Exercise & Sports Science	
	Lifestyle, Diet & Fitness	
	Outdoor and Environmental Studies	
	Live Strong Live Long	
	Lifestyle & Living Longer	
VET	VET Certificate II Sport Coaching	
	VET Certificate III in Beauty VET Certificate III in Health Services Assistance	
<b>PASTORAL CARE</b>		

\* Elective availability is dependent on student numbers, resource availability and timetabling factors

\*\*\* Students intending to continue studies of Italian or Arabic at VCE level must complete two semesters of the language. Students who do not intend studying Languages in VCE may choose to complete one or two semesters of Year 10 Italian or Arabic

\*\*\*\* Additional costs may be incurred for some day activities

# Year 10 Alternative Program: ASPIRE

## ASPIRE PROGRAM

### *Semester One and Semester Two*

#### **BRIEF DESCRIPTION**

At the completion of Year 9 many students are looking to pursue their year 10 studies with a curriculum that offers diversity, whilst still placing value on academic achievement. The ASPIRE Program provides students with an innovative and dynamic approach to their Year 10 studies.

Students will be exposed to diverse teaching strategies where the focus is to build academic skills. Working from specific learning plans, the teachers in the program aim to improve the literacy and numeracy levels of all students.

The students enrolled in the ASPIRE Program are expected to complete all the standards and assessments of a conventional year 10 program but are offered a rare opportunity to study subjects that will help them explore particular areas of interest. It will enable students to continue their academic development in a supportive and highly structured learning environment.

#### **AREAS OF STUDY**

- English (Core Subject)
- Mathematics (Core Subject)
- Journey in Faith (Core Subject)
- Humanities (Core Subject)
- Science (One semester)
- HPE (One semester)
- Exploration
- One Elective per semester or One VET option for the year
- Work Experience (One week block in terms 1-3)
- TAFE Tasters and University visits (Semester Two)

#### **KEY FEATURES**

- English and Mathematics will have additional lessons to help build students' Literacy and Numeracy skills. The additional lessons are integral as students prepare for their senior studies.
- Exploration Day offers students the opportunity to engage in out of school learning experiences on a fortnightly basis, which provides an innovative approach to student learning, develops research skills, builds resilience, confidence, and independent learning. This enquiry-based approach requires students to complete specific activities and tasks during each Exploration Day.
- Work Experience is one week in length and occurs terms 1-3.
- TAFE Tasters and University visits occur in Semester 2 where students will have the opportunity to explore options in a TAFE and university setting.

#### **ASSESSMENT METHODS**

Based on the mainstream curriculum for each Area of Study. All assessments and exams are the same as every Yr 10 class.

#### **FUTURE DIRECTIONS**

Once students complete the ASPIRE Program in Yr 10, they will be able to make more informed choices relating to:

- VCE
- Vocational Major or
- Other pathways

## ACCELERATED STUDIES OPTIONS

### *Semester One and Semester Two*

#### **VCAA Approved accelerated options**

There are a select number of subjects available to those students who demonstrate the suitable knowledge and skills to undertake subjects at the VCE level. These include VCE subject and VET (Vocational Education and Training) courses. Selecting one of these options requires students to complete the subject for a full year, counting for two (2) elective options.

#### VET Subjects Available (2 year courses)

- Music Industry – Performance
- Sport Coaching
- Beauty
- Business
- Health Services Assistant

#### VCE Subjects Available:

- VCE Biology Units 1 & 2
- VCE Business Management Units 1 & 2
- VCE Foundation Maths Units 1 & 2
- VCE General Maths Units 1 & 2
- VCE Health and Human Development Units 1 & 2
- VCE Legal Studies Units 1 & 2
- VCE Outdoor and Environmental Studies Units 1 & 2
- VCE Psychology Units 1 & 2

For information about the key knowledge, skills and content please refer to the specific study designs for the VCE subjects can be accessed here:

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

#### **WHY SHOULD I CHOOSE THESE ELECTIVES?**

Selection of an accelerated studies option can provide students with insight into senior studies in a specific area of interest. It can provide foundational knowledge and skills in that subject to prepare students to undertake the subject at a VCE Units 3 & 4 level.

# VET: SPORT COACHING

**VET LEVEL** Certificate II Sport Coaching

***Semester One and Semester Two***

## AREAS OF STUDY

### Core

- HLTAID003 – Provide first aid
- SIRXWHS001 – Work safely
- SISSCO002 – Work in a community coaching role
- SISSOF002 – Continuously improve officiating skills and knowledge

### Electives

- SISSBSB001 – Conduct basketball coaching sessions with foundation level participants
- SIXCAI001 – Provide equipment for activities
- SISSPAR009 – Participate in conditioning for sport

## BRIEF DESCRIPTION

The Year 10 Sports Coaching program gives students the opportunity to gain both theoretical knowledge and practical skills. It allows them to demonstrate competency in a range of areas and prepares them to work in various settings within the Sport and Recreation industry.

This is a fun, engaging subject which is interactive and informative. You will be involved in Coaching Junior Premier League, going on Excursions, gaining certificates in the industry. This has links for PE, Health, Personal Training, Gym sessions and Academy links. If you love Sport, then this is the subject for you.

## ASSESSMENT METHODS

- Online Tests for IVET
- Practical Assessments
- Coaching Premier League
- Planning and Conducting Major Events, such as Athletics and Swimming Carnival
- First Aid Course
- Personal gym sessions and tests

## Possible Career Applications

- Assistant Coach
- Sports Program Leader
- After-School Sports Coordinator
- Camp Counselor (Sports-Focused)
- Equipment Manager
- Personal Training Assistant



# VET: BEAUTY

**VET LEVEL** Certificate III Beauty

***Semester One and Semester Two***

## AREAS OF STUDY

- Apply Cosmetic Tanning Products
- Advise on beauty products and services
- Provide lash and brow services
- Provide waxing services
- Design and apply make-up
- Provide manicure and pedicure service
- Research and apply beauty industry information
- Conduct salon financial transactions
- Provide salon services to clients
- Comply with organizational requirements within a personal service environment
- Apply safe hygiene, health and work practices
- Apply lash extensions
- Design and apply make-up and for photography
- Design and apply make-up for camouflage
- Maintain infection and control standards

## BRIEF DESCRIPTION

Beauty provides participants with the knowledge and skills to achieve competencies that will enhance their employment prospects in the beauty or beauty related industries. It enables participants to gain a recognised credential and to make informed choices in relation to vocation and career paths.

This course will give you the skills to confidently deliver treatments such as waxing, make-up, nail technology, lash and brow treatments, lash extensions, cosmetic tanning, demonstration and sales of retail skin care and other cosmetic products, effective communication, and the retail environment. If you enjoy working with people and want to build a career in the beauty services industry, this course is for you

## ASSESSMENT METHODS

- Observations of your work
- Role Play
- Practical sessions
- Simulated Salon

## Possible Career Application

- Beauty Therapist (waxing, makeup, nails)
- Makeup Artist (weddings, events, theatre, film/TV)
- Lash & Brow Technician (extensions, shaping, tinting)
- Nail Technician (manicures, pedicures, nail art)
- Salon Consultant/Salesperson (skincare, cosmetics)
- Beauty Blogger/YouTuber (marketing/business skills needed)
- Beauty Salon Owner/Manager

# VET: HEALTH SERVICES ASSISTANCE

**VET LEVEL** Certificate III in Health Services Assistance

***Semester One and Semester Two***

## AREAS OF STUDY

Students will learn about and be assessed in the following subjects:

- Australian health care system
- Interpreting and applying medical terminology
- Healthy body systems
- Assisting with movement
- Communicate and work in health or community services
- Infection prevention and control
- First Aid
- Work with diverse people
- Respond to behaviours of concern
- Engage with health professionals and the health system\*
- Assessment:
- Use of the online IVET Superclinic
- Online Tests through IVET
- Practical Assessments
- First Aid Course

## BRIEF DESCRIPTION

The VET Health Services Assistance program provides students with the opportunity to gain both theoretical and practical skills related to a future career in the health industry. It allows them to demonstrate competency in a range of areas, while preparing them to work in various settings, including medical, dental, pharmacy, allied health, personal care and administrative roles in the health industry.

As part of this subject, students will have access to a purpose-built simulated workplace practice via the 'IVET Super Clinic'. This innovative simulated structured work environment is an integral part of the learning and assessment process. It immerses students into current industry practice, regulations and policies that are implemented in the Health Services industry.

This is a fun, engaging, interactive and informative subject that provides you with a qualification that will make you 'job ready' at the completion of Secondary school, by working as a personal carer, in a nursing home or in an administrative role in the health industry. This course also provides you with an excellent set of skills and knowledge to continue on with further education.

## Possible Career Applications

- Paramedic
- Nurse
- Doctor
- Dentist
- Physiotherapist

# VET: MUSIC INDUSTRY - PERFORMANCE

**VET LEVEL** Certificate III Music Industry – Performance

***Semester One and Semester Two***

## AREAS OF STUDY

### Core

- CUACMP311 Implement copyright arrangements
- CUAIND313 Work effectively in the music industry
- CUAIND314 Plan a career in the creative arts industry

### Electives

- Perform simple repertoire in ensembles
- Create simple musical compositions
- Make music demos
- Develop technical skills for musical performances
- Prepare for musical performances
- Develop and perform musical improvisation
- Develop and apply stagecraft skills
- Perform music as part of a group or Perform music as as soloist

## Possible Career Applications

- Audiovisual Technician
- Conductor
- Composer
- Director
- Music Critic
- Music Therapist
- Performer
- Sound Engineer

## BRIEF DESCRIPTION

VCE VET Music Performance provides students with a practical, skills-based approach to learning music performance. Throughout CUA30920 - Certificate III in Music (Performance), students will gain the skills and knowledge that reflects the role of individuals who apply a broad range of competencies in various work contexts in the music industry. They use some discretion, judgment and theoretical knowledge, and may undertake routine activities and provide support to a team or work group. The job roles that relate to this qualification may include assistant sound technician, assistant music manager, musician, sound assistant and road crew.

This course enables participants to gain a Certificate III in Music Performance as well as credit towards their senior certificate and ATAR score.

## ASSESSMENT METHODS

- Performance solo/group
- Technical skills solo/group
- Journal entries
- Composition solo/group
- Improvisation skills
- Stagecraft Skills

# VET: BUSINESS

**VET LEVEL** Certificate III in Business (BSB30120)

***Semester One and Semester Two***

## AREAS OF STUDY

### Core

- BSSWHS311- Assist with maintaining workplace safety
- BSBTWK301- Use inclusive work practices
- BSBPEF201- Support personal wellbeing in the workplace
- BSBCRT311- Apply critical thinking skills in a team environment
- BSBSU211- Participate in sustainable work practices
- BSBXCM301- Engage in workplace communication

### Electives

- BSBPEF301- Design and produce spreadsheets
- BSBTEC303- Create electronic presentations
- BSBTEC202 -Use digital technologies to communicate in a work environment
- BSBPEF301 -Organise personal work priorities
- BSBINS302- Organise workplace information
- BSBTEC301 -Design and produce business documents
- BSBOPS304- Deliver and monitor a service to customers

## BRIEF DESCRIPTION

This qualification reflects the varied roles of individuals across different industry sectors who apply a broad range of competencies using some discretion, judgement and relevant theoretical knowledge. Students will develop and build teamwork, interpersonal skills and organisational capabilities which can be used to further strengthen their employability skills post secondary schooling.

## Possible Career Applications

- Accounts Clerk
- Accounts Payable Clerk
- General Clerk
- Junior Personal Assistant
- Office Assistant
- Receptionist
- Word Processor

## ENGLISH LANGUAGE

Victorian Curriculum Level	10
Learning Area	English

***One Semester - This course will be useful for students undertaking English Language or English at VCE level.***

### AREAS OF STUDY

- History of English Language
- Language Acquisition
- Functions of Language
- Subsystems of Language
- English across the globe

### BRIEF DESCRIPTION

Learning about language helps us to understand ourselves, the groups with which we identify, and the society we inhabit. The study of English Language enables students to further develop and refine their own skills in reading, writing, listening to and speaking English. This course builds on students' previous learning about the conventions and codes used by speakers and writers of English. Informed by the discipline of linguistics, it provides students with metalinguistic tools to understand and analyse language use, variation and change. English Language explores the ways in which language is used by individuals and groups and reflects our thinking and values. Students will learn to describe and analyse the structures, features and functions of spoken and written English language using appropriate meta-language.

### SKILLS TO BE DEVELOPED

- Analytical writing
- Working collaboratively
- Using evidence
- Using a range of academic vocabulary

### ASSESSMENT METHODS

- Oral presentation
- Research assignment
- Tests and quizzes
- Written assignment
- Semester Examination

# LITERATURE

Victorian Curriculum LEVEL	10
Learning Area	English

***One Semester - This elective provides a foundation for further studies of English at VCE, particularly VCE Literature.***

## AREAS OF STUDY

- Reading, analysing, critiquing and questioning traditional and contemporary texts
- Viewing texts through various frames and lenses (e.g. feminist, structuralist)
- Textual features and devices

## BRIEF DESCRIPTION

This is an extension course for students who love to read and discuss their reading with others. Students will study poetry and the classic 1925 novel The Great Gatsby. This course involves the close analysis of texts and the development of a variety of interpretations in response to those texts. Expressive and coherent viewpoints are constructed and justified through an explanation of the views and values suggested by the texts. This involves

analysis of how key passages and/or moments and features in the text contribute to an interpretation.

## SKILLS TO BE DEVELOPED

- Analytical writing
- Working collaboratively
- Using evidence
- Responding creatively
- Identifying textual themes
- Using a range of academic vocabulary

## ASSESSMENT METHODS

- Text essays
- Comparative essays
- Imaginative response
- Book or film review
- Semester Examination

# WRITER'S WORKSHOP

Victorian Curriculum LEVEL	10
Learning Area	English

***One Semester - This elective provides a foundation for further studies of English at VCE, particularly VCE Literature.***

## AREAS OF STUDY

- Reading, analysing, critiquing and questioning traditional and contemporary texts
- Written Communication
- Textual features and devices

## BRIEF DESCRIPTION

This is an English elective for students who are interested in an extension English class that further develops their writing skills and explores creative writing.

Writer's Workshop will explore various genres and how these reflect and influence the audience, purpose and context. Students will learn about the range of writing options and strategies used by writers, practice editing and conferencing skills by way of developing writing to its 'finished' state, experience the world of writing and writers and build writing skills in readiness for senior English.

## SKILLS TO BE DEVELOPED

- Genre Exploration
- Audience Awareness
- Writing Strategies
- Editing & Conferencing
- Writing Confidence
- Literary Analysis

## ASSESSMENT METHODS

- Writing folio development
- Genre study (Poetry, Short Story, Memoir, Feature article etc.)
- Editing and conferencing workshops
- Semester Examina

# BIOLOGY

Victorian Curriculum LEVEL 10  
Learning Area Science

***One Semester – Highly recommended if considering studying VCE Biology Units 1 & 2***

## AREAS OF STUDY

- Cells as the building blocks of life
- DNA and genetics
- Evolution

## OVERVIEW

Students will explore how cells act as the building blocks of life. In the Genetics unit they will look closely at the structure of DNA and its role in determining the characteristics of living things. They will also explore cell reproduction and patterns of inheritance. Students then examine the effects that DNA mutations have on the functioning of an organism. In the Evolution unit students examine and evaluate the evidence for scientific theories that explain the diversity of life on Earth, including the origin of modern day human beings.

Students will develop skills in formulating and investigating research questions, planning and conducting experiments, and communicating their findings.

## SKILLS TO BE DEVELOPED

- Practical skills
- Scientific writing
- Drawing evidence-based conclusions
- Developing research questions
- Analysing data
- Connecting scientific theory with observations

## ASSESSMENT METHODS

- Tests
- Quizzes
- Practical investigations
- Research tasks / Projects
- Semester Examination

## Possible career applications

- Dentist
- Health Information Manager
- Health promotion/policy
- Medical Practitioner
- Medical Scientist
- Nurse
- Nutritionist
- Pharmacist
- Radiographer



# CHEMISTRY

Victorian Curriculum LEVEL 10  
Learning Area Science

***One Semester – Highly recommended if considering studying VCE Chemistry Units 1 & 2***

## AREAS OF STUDY

- Basics of chemistry and key chemistry skills
- Chemical reactions
- Organic chemistry

## OVERVIEW

Students will explore various atomic models and the arrangement of elements in the periodic table. They will explore the types of bonding present within molecules and examine the relationship between structure and physical properties. Students will investigate chemical reactions and predict the products of simple chemical reactions. They learn to balance simple chemical equations and examine the significance of electron structure of atoms. In addition, students explore the properties and uses of different classes of hydrocarbons and study plastics and polymers.

Students will develop skills in formulating and investigating research questions, planning and conducting experiments and communicating their findings using research posters in preparation for VCE Chemistry.

## SKILLS TO BE DEVELOPED

- Scientific writing
- Working collaboratively
- Drawing evidence based conclusions
- Developing research questions
- Analysing data
- Connecting scientific theory with observations
- Understanding models and using them as tools to make predictions

## ASSESSMENT METHODS

- Tests
- Quizzes
- Practical investigations
- Research tasks / Projects
- Semester Examination

## POSSIBLE CAREER APPLICATIONS

- Dentist
- Health Information Manager
- Health promotion/policy
- Medical Practitioner
- Medical Scientist
- Nurse
- Nutritionist
- Pharmacist
- Radiographer

# ENVIRONMENTAL SCIENCE

Victorian Curriculum LEVEL 10  
Learning Area Science  
*One Semester*

## AREAS OF STUDY

- Global systems
- Pollution
- Human impact of the Earth

## BRIEF DESCRIPTION

Students will explore the four interrelated systems: the atmosphere, the biosphere, the hydrosphere, and the lithosphere and how the relationships between these systems produce natural environmental change over a variety of time scales.

Students will investigate the extent to which humans modify their environments and the consequences of these changes in local and global contexts with a focus on biodiversity, pollution, food and water security, climate change, and energy use.

## SKILLS TO BE DEVELOPED

- Scientific writing
- Working collaboratively
- Drawing evidence based conclusions
- Developing research questions
- Analysing data
- Connecting scientific theory with observations
- Understanding models and using them as tools to make predictions

## ASSESSMENT METHODS

- Tests
- Quizzes
- Practical investigations
- Research tasks / Projects
- Semester Examination

## POSSIBLE CAREER APPLICATIONS

- Environmental scientist
- Natural resource manager
- Sustainability specialist
- Environmental toxicologist
- Environmental advisor
- Policy analyst
- Soil specialist
- Environmental planner.

# PHYSICS

Victorian Curriculum LEVEL 10  
Learning Area Science

***One Semester – Highly recommended if considering studying VCE Physics Units 1 & 2***

## AREAS OF STUDY

- Motion and Energy
- Electrical Components & Circuits
- Heat transfer

## BRIEF DESCRIPTION

In Motion and Energy, students explore each of Newton's laws of motion and investigate electricity in terms of theoretical concepts, electrical circuits and common components to understand the connection between physics and the real world in the classroom. Students become familiar with the behaviour of light and how light can be manipulated to form different images. They develop an understanding of how to represent real life phenomena with abstract diagrams and formulae and learn how to decode and interpret numerical data into meaningful forms.

Students also apply investigative skills that include using scale and measurement, following procedures, applying safe investigative practices and how to monitor data for quality control.

## SKILLS TO BE DEVELOPED

- Scientific writing
- Working collaboratively
- Drawing evidence based conclusions
- Developing research questions
- Analysing data
- Connecting scientific theory with observations
- Understanding models and using them as tools to make predictions

## ASSESSMENT METHODS

- Tests
- Quizzes
- Practical investigations
- Research tasks / Projects
- Semester Examination

## POSSIBLE CAREER APPLICATIONS

- Dentist
- Health Information Manager
- Health promotion/policy
- Medical Practitioner
- Medical Scientist
- Nurse
- Nutritionist
- Pharmacist
- Radiographer

# PSYCHOLOGY

Victorian Curriculum LEVEL 10  
Learning Area Science  
*One Semester*

## AREAS OF STUDY

- What is Psychology? Research Methods and Ethical Standards in Psychology
- Anatomy of the Human Brain, Mental Processes and Human Nervous System
- The Pursuit of Happiness

## BRIEF DESCRIPTION

This course provides students with the knowledge and skills required to explore psychological theories and issues in research. Through a variety of activities such as constructing an annotated human brain and developing annotated posters, students will be able to explain the structure and function of the human brain and its involvement in mental processes and behaviour. They will identify the role of the human nervous system; evaluate the differences between the central and peripheral nervous systems and how they both play a significant role in the human structure and function. Students will explore, in great detail, mental well being, investigating the 'pursuit of happiness', identifying what is positive psychology and how theorists ideas such Maslow's Hierarchy of needs contributed to identifying happiness and wellbeing. Lastly, students will analyse a number of issues including marriage, health, wealth, etc., that contribute to an individual's overall mental and physical wellbeing and explore the age old question 'Is laughter the best medicine?' and, 'How does humour contribute to the onset of happiness?'

## SKILLS TO BE DEVELOPED

- Key science skills
- Application of psychological theory
- Critical thinking
- Drawing evidence-based conclusions
- Evaluating data

## ASSESSMENT METHODS

- Topic tests
- Anatomic models
- Annotated posters
- Semester Examination

## Possible career applications

People-oriented careers such as:

- Criminologist
- Human Resource Manager
- Lawyer
- Marketing Manager/Advertising
- Medical Professional
- Psychologist
- Politician Social Worker
- Healthcare worker

# MODERN MONET

Victorian Curriculum LEVEL 10  
Learning Area The Arts

*One Semester - recommended for students interested in undertaking Visual Arts (Art Creative Practice) at VCE or VET levels.*

## AREAS OF STUDY

- Study of materials and techniques
- Creating and making artworks
- Exploring and responding to Impressionism artists and art forms

## BRIEF DESCRIPTION

Students will become immersed in the Modern Art movement of Impressionism whilst being exposed to renowned artist Claude Monet, the master of this serene art style. Students will learn how to manipulate drawing and painting materials, including acrylic paint to produce aesthetically pleasing artworks consumed with light and colour. The students will also develop skills in layering, blending, and building texture through painting. Importantly, learn methods for composition construction to produce authentic artworks and experiments.

It is highly recommended and encouraged that you select Modern Monet subject for Semester 1 and Sculpt like Serra for Semester 2. Undertaking both subjects will allow you to build on technical skills and artistic terminology. Although, it is not compulsory to do both subjects. You can select Modern Monet for Semester without selecting 1 Sculpt like Serra for Semester 2.

## SKILLS TO BE DEVELOPED

- Light & Colour Exploration
- Layering & Texturising
- Compositional Strategies
- Experimental Techniques
- Creativity
- Problem-solving skills

## ASSESSMENT METHODS

- Creative art tasks
- Artworks
- Visual Portfolio working through the creative process
- Artwork and artist investigation and interpretation
- Semester Examination

## Possible career applications

- Fine Artist
- Art Teacher
- Illustrator
- Graphic Designer
- Animator/Storyboard Artist
- Art Therapist
- Exhibition Gallery designer/Curator
- Art writer/editor

# SCULPT LIKE SERRA

Victorian Curriculum LEVEL 10  
Learning Area The Arts

*One Semester - recommended for students interested in undertaking Visual Arts (Art Creative Practice) at VCE or VET levels.*

## AREAS OF STUDY

- Study of materials and techniques
- Creating and making artworks
- Exploring and responding to artists and art forms

## BRIEF DESCRIPTION

Become immersed in Contemporary Art with a focus on sculpture, and public sculpture through the creative lens of artists such as Richard Serra. Students will learn how to create sculptural, three-dimensional artworks by using an array of materials, techniques and processes. Develop skills in constructing, modelling, assembling and collaborative art through sculptural methods to produce artworks and experiments. Sculpt like Serra is an ideal introduction to sculptural techniques and processes whilst still building on drawing, planning and analytical skills.

It is highly recommended and encouraged that you select Modern Monet subject for Semester 1 and Sculpt like Serra for Semester 2. The subject will allow you to build on technical skills and artistic terminology. Although, it is not compulsory to do both subjects. You can select Sculpt like Serra for Semester 2 without selecting Modern Monet for Semester 1.

## SKILLS TO BE DEVELOPED

- Sculptural Techniques: Construction, modeling, assembling
- Material Exploration
- Process & Experimentation
- Collaboration
- Artistic Expression
- Creativity
- Problem-solving skills

## ASSESSMENT METHODS

- Creative art tasks
- Artworks
- Visual Portfolio working through the creative process
- Artwork and artist investigation and interpretation

## Possible career applications

- Fine Artist (Sculptor)
- Public Artist
- Sculptor for Film/Theater Productions
- Art Teacher
- Art Therapist
- Exhibit Designer (incorporating sculptural elements)
- 3D Printing/Fabrication Technician
- Exhibition Gallery designer/Curator
- Art writer/editor

# DANCE

**Victorian Curriculum LEVEL** 10  
**Learning Area** The Arts  
***One Semester***

## AREAS OF STUDY

- Performance skills – group
- Dance technique
- Choreography skills
- Classical ballet
- Flexibility lessons focusing on Pilates and Yoga
- Analysis skills

## BRIEF DESCRIPTION

The Year 10 Dance course consolidates foundation studies from Year 9 while providing a transition to VCE Dance. The main focus is on developing and improving dance technique and flexibility and analysis of choreographers' intentions through Broadway Jazz and Cultural Dance. Students will learn the basic components of Classical Ballet, as these are vital for correct dance technique. Flexibility will be developed and enhanced through Pilates and Yoga. There will be one ensemble dance performance over the course of the semester where each student will choreograph 8 counts each. This will allow students to continue to develop their choreography skills from Year 9, an essential skill required in VCE Dance.

Students will also write a report analysing and describing features of other choreographers' dance works. Primarily, Dance is enjoyable and it optimises fitness. It is also a vital means of expressive communication. Utilising the new Kolbe Dance Studio, this course will be a fantastic opportunity to focus on technical skills development while aspiring to prepare for VET/VCE level of performance.

## SKILLS TO BE DEVELOPED

- Choreography Skills
- Compositional Awareness
- Flexibility & Strength Training
- Choreographer Analysis
- Ensemble Performance Experience

## ASSESSMENT METHODS

- End of semester performance
- Written reflections/Journal writing
- Set tasks
- Assignments
- Semester Examination

# DRAMA

**Victorian Curriculum LEVEL** 10  
**Learning Area** The Arts  
*One Semester*

## AREAS OF STUDY

- Dramatic forms
- Ensemble work
- Performance
- Evaluation and review

## BRIEF DESCRIPTION

This course aims to allow students to design, make and present art works utilising and developing the dramatic skills of characterisation and performance. Students will develop skills in dramatic forms of story telling, improvisation, role-play, movement, scripted drama, monologue and group devised drama and ensemble work. Students will develop confidence while participating in group performances and will gain an appreciation of the work of others. Students will use evaluation and reflection on their experiences to improve their work.

This course is suited to those wishing to pursue and/or develop acting skills and will provide valuable foundation skills to undertake further studies in Drama at VCE or VET levels. It will also help to boost students' confidence levels in public speaking and oral presentations and develop their voice projection ability.

## SKILLS DEVELOPED

- Artistic Expression (Drama): Script work, improvisation, devised work
- Performance Skills: Characterisation, movement, monologue delivery
- Storytelling (Dramatic): Scriptwriting, improvisation, devising stories for performance
- Improvisation
- Ensemble Work & Collaboration
- Confidence (Performance)
- Critical Thinking (Evaluation & Reflection)
- Theatre Appreciation

## ASSESSMENT METHODS

Assessment in this subject may include:

- Ensemble performance
- Monologue performance
- Drama workbook
- Written assignments
- Semester Examination

## Possible Career Applications

- Actor (Theatre, Film, Television)
- Director/Stage Manager
- Playwright/Screenwriter
- Drama Teacher
- Theatre Administrator/Arts Manager
- Public Speaker/Presenter
- Voice Actor/Narrator



# MEDIA STUDIES

Victorian Curriculum LEVEL 10

Learning Area The Arts

***One Semester - recommended for students interested in undertaking studies involving Media Studies at VCE or VET levels.***

## AREAS OF STUDY

- Film production techniques
- Film structuring
- Genre style analysis and construction

## BRIEF DESCRIPTION

This course aims to build on students' skills in creating short narrative forms demonstrated through visual mediums. Students will be required to explore, analyse and evaluate different genre film texts, unpacking their construction and gauging their impact on popular culture. The 'reading' of these texts will form the basis of class activities and research assignments. Students will identify the production techniques involved in the creation of these texts. The key practical component of the course will be the development and production of a short genre film. Students will be required to utilise appropriate production techniques that take account of purposes and target audiences.

## SKILLS TO BE DEVELOPED

- Media language used to convey messages to audience
- The technologies which are essential for producing, accessing and distributing media
- The various institutions that enable and constrain media production and use
- The audiences for whom media arts products are made and who respond as consumers, citizens and creative individuals
- The constructed representations of the world, which rely on shared and disputed social values and beliefs.

## ASSESSMENT METHODS

- 
- Research assignment
- Major project
- Semester Examination
- Video Essay
- Trailer re-cut

## Possible Career Applications

- Film and Television Industry
- Journalism
- Marketing and Publishing
- Communications
- Public Relations
- Advertising
- Market Research
- Event Manager

# MUSIC

Victorian Curriculum LEVEL 10

Learning Area The Arts

***One Semester - Recommended for students wanting to pursue music further into VET or VCE.***

## Areas of Study

- Performance skills (group and solo)
- Songwriting and composition
- Development of aural and improvisation skills
- Basic theory reading skills
- Recording techniques
- Music styles - history and development

## Brief Description

Throughout the semester, students work individually and collaboratively to develop and extend their theory and performance skills in Music. Students experiment with music technology by learning the fundamentals of GarageBand, and using the program to soundtrack a video clip. Students then reflect on the process in a written assessment. Students also undertake a solo performance examination, where they are required to rehearse and present two songs which demonstrate varying techniques. They complete a statement of intention to explain their choices.

## Assessment Methods

- Performances
- Instrumental and digital-based compositions
- Set tasks/workbook assignments
- Semester examination

## Possible Career Applications

- Music performer (soloist/ensemble)
- Songwriter/composer
- Music producer/recording artist
- Music teacher
- Music therapist (with further education)

# PHOTOGRAPHY

Victorian Curriculum LEVEL 10

Learning Area The Arts

***One Semester - recommended for completing Visual Arts (Art Creative Practice) and Media Studies at VCE level.***

## AREAS OF STUDY

Study, analysis and evaluation of a chosen photographer and their work

Identification and application of digital photographic techniques and workflows

Folio development and presentation

- Critical Thinking & Analysis
- Research & Contextualization
- Communication Skills
- Photography & Technical Skills
- Basic Photography
- Photo Editing

## BRIEF DESCRIPTION

Students will be required to explore, analyse and evaluate photographic artworks from a chosen photographer, identifying specific styles and techniques while making reference to the social contexts in which they were created. They will demonstrate their understanding of the artist through a class presentation. Students will also undertake a workshop style course in basic photographic skills and Photoshop editing techniques. These learned skills will assist the students in their development of a major folio. The theme of the folio will allow for the creative and stylistic preferences of the students.

## ASSESSMENT METHODS

- Formal oral presentation of research project
- Technique hurdles (assessment)
- Practical Photography folio tasks
- Semester Examination

## Possible Career Applications

- Photojournalist
- Portrait Photographer
- Commercial Photography Careers
- Commercial Photographer
- Product Photographer
- Event Photographer
- Photo Editor
- Forensic Photographer

## SKILLS TO BE DEVELOPED

# VISUAL COMMUNICATION DESIGN

Victorian Curriculum LEVEL 10

Learning Area The Arts

***One Semester - recommended for completing Visual Communication Design at VCE or VET levels.***

## AREAS OF STUDY

- Developing creative design skills
- Creating and presenting a folio
- Research and analysis of designers

## BRIEF DESCRIPTION

This course allows students to explore and apply the Elements and Principles of Design. Students will create finished designs that enhance their understanding of technical skills, accurately identifying specific target audiences for a range of creative products and creating aesthetic and effective designs. Students will explore the design fields of messages (graphic design), interactive experiences, environments and objects and develop skills in areas of manual and digital drawing,, observation drawing and creating designs. Students will create designs with a range of materials both two and three-dimensionally, including the use of 3D printers and modelling systems. Students will research and analyse the work of a range of designers.

This elective will appeal to students who seek to develop skills in designing, creating and making, functional and aesthetic designs. It will be useful preparation for students interested in undertaking further studies in the Arts, specifically Visual Communication Design at VCE or VET levels. Students will develop skills in working with design briefs and thinking creatively to solve problems.

## SKILLS TO BE DEVELOPED

- Design Elements & Principles
- Aesthetic Design
- Digital Design Tools
- Creative Problem-Solving

## ASSESSMENT METHODS

- Visual Portfolio Research & Practice
- Design folio
- Technical drawing systems
- Semester Examination

## Possible Career Applications

- Graphic Designer
- Architecture
- Landscape Architecture
- Web Designer
- Product Designer
- Advertising Designer
- Packaging Designer
- Fashion Designer
- Interior Designer
- Industrial Designer
- Multimedia Designer (may require additional animation/video skills)
- Design Researcher
- Design Consultant

# BUSINESS MANAGEMENT

Victorian Curriculum LEVEL 10

Learning Area Economics

***One Semester - recommended for students who wish to study Business Management in VCE.***

## AREAS OF STUDY

- Introduction to Business types, styles & key terms
- Introduction to business plans, goals & budgets

## BRIEF DESCRIPTION

Students will begin developing an understanding of key business practices. While working together, they will explore factors which influence consumer decisions and how management and staff achieve success. Students will work together to develop business plans and various strategies within them. With a strong focus on event planning and business objectives, students will investigate key business structures as well as how to be a successful entrepreneur. As an essential aspect to a thriving economy is small business, students will have the opportunity to investigate a local business and how they contribute to our area both in terms of employment but also in the provision of goods and services. As an introduction to VCE Business Management, students will work together to run their own business, including the planning, budgeting and evaluation of how successful their business is. This will allow students to develop key business skills, which will be developed and applied further in their VCE studies.

## SKILLS TO BE DEVELOPED

- Consumer Behavior Analysis
- Management Skills
- Teamwork & Collaboration
- Investigative and research skills
- Apply business management knowledge to practical and/or simulated business situations.
- Identify business opportunities
- Define, describe and apply relevant business management concepts and terms
- Acquire, record, interpret and share business information and ideas

## ASSESSMENT METHODS

- Short answer and long response tests
- Case study analysis
- Assignments
- Small Business and consumer choice review report
- Semester Examination

## Possible Career Applications

- Advertising Executive
- Entrepreneurship
- Brand Manager
- Business Systems Analyst
- Human Resource Manager
- Industrial Relations Officer
- Marketing Manager
- Public Relations Officer
- Risk and Compliance Officer

# COMMERCE

Victorian Curriculum LEVEL 10

Learning Area Humanities

***One Semester - recommended for students who wish to study Accounting or Economics in VCE.***

## AREAS OF STUDY

- Accounting
- Economics
- Personal Finance

## BRIEF DESCRIPTION

This subject offers a blend of Accounting and Economic principles, which will assist in understanding the basics of these two subjects. The students begin with VCE Unit 1 Accounting, where they explore the essentials of revenue, expenses, and profit, gaining the ability to analyse financial performance and understand business operations. Then the VCE Unit 1 Economics component which introduces both microeconomics and macroeconomics. Students will delve into the behaviour of individuals and businesses in the marketplace and the broader economic factors that influence national and global economies. The final unit of Personal Finance covers critical life skills, including understanding superannuation, navigating the tax system, securing mortgages, and effective budgeting. This comprehensive subject prepares students to make informed financial decisions and understand the economic principles that impact their daily lives and future careers.

## SKILLS TO BE DEVELOPED

- An understanding of economic principles
- Bookkeeping skills
- An understanding of the roles of the courts and government
- An ability to apply economic principles to financial decision-making

## ASSESSMENT METHODS

- Tests
- Assignments (Individual and Group)
- Essays
- Semester Examination

## Possible Career Applications

- Accountant
- Conveyancer
- Economist
- Employee Relations Officer
- Financial Planner
- Human Resource Manager
- Investment Analyst
- Management Consultant

# GLOBAL POLITICS

Victorian Curriculum LEVEL 10  
Learning Area Humanities

*One Semester - recommended for students who wish to study Politics in VCE.*

## AREAS OF STUDY

- Introduction to Global Politics and Politics within Australia
- Global Politics and The UN Declaration of Human Rights

## BRIEF DESCRIPTION

Global Politics is the study of the political, social, cultural and economic forces that shape interactions between states and other global actors in the contemporary world. Through this study students explore, explain, analyse and evaluate national and global political issues and events. Students will hear directly from members of the political world and explore how power is gained and exercised. This study looks to the UN declaration of Human rights to evaluate principles that include representation, respect for rights and freedom of speech. Students examine the nature and power of key global actors and the types of power used in investigating global ethical issues and respond to crises such as climate change, armed conflict and economic instability.

## SKILLS TO BE DEVELOPED

- Explaining key features of political theory
- Using contemporary examples and case studies
- Analysing the power and influence of political actors
- Developing explanations, arguments and points of view
- Evaluating political issues

## ASSESSMENT METHODS

- Short answer and Essay based tests
- Case study analysis
- Assignments
- Creative Written Task
- Semester Examination

## Possible Career Applications

- Lawyer/Barrister
- Intelligence Officer
- International Relations
- Journalist
- PolicyAnalyst/Developer
- Parliamentarian/Advisor
- Teacher

# HISTORY

Victorian Curriculum LEVEL 10

Learning Area Humanities

***One Semester - recommended for students who wish to study History in VCE.***

## AREAS OF STUDY

- Rights and Freedoms in a democracy
- Historical Research
- Migration

## BRIEF DESCRIPTION

Students embark on a journey through time with our Year 10 History course, where they explore pivotal moments and movements that have shaped the modern world. They begin with the Rights and Freedoms unit which focuses on the struggle for equality, spotlighting the Freedom Riders and key civil rights movements that have championed social justice and human rights. In the Research Unit, students will hone their research and analytical skills, undertaking projects that apply historical methods to investigate significant events and figures. This hands-on approach fosters critical thinking and a deeper understanding of historical inquiry. The Migration unit delves into the complex narratives of migration, examining the reasons behind population movements and key historical events that have influenced migration patterns.

If you are a student who wishes to learn how and why the world came to be as it is today, then History is the subject for you.

## SKILLS TO BE DEVELOPED

- Historical Analysis
- Research Skills
- Critical Thinking
- Communication Skills
- Global Awareness

## ASSESSMENT METHODS

- Tests
- Source analysis
- Essays
- Project Based Learning
- Semester Examination

## Possible Career Applications

- Historian
- Museum Curator
- Journalist
- Social Worker
- Teacher
- Lawyer
- Policy Analyst
- Public Relations/Communications Specialist
- Marketing/Advertising



# LEGAL STUDIES

Victorian Curriculum LEVEL 10

Learning Area Humanities

***One Semester - recommended for students who wish to undertake Legal Studies in VCE.***

## AREAS OF STUDY

- Origins and nature of Australia's federal political system
- How citizens influence government policy
- The Australian election
- The roles and responsibilities of courts at state and federal levels and change in the law.

## BRIEF DESCRIPTION

Students will explore the development of Australia's democracy from Federation, the development of the Australian Constitution and the federal system of government. They will describe the election processes in Australia and how to vote. They will explain the roles and responsibilities of courts at state and federal levels and evaluate a change in the law. Students will also become active agents in debating and investigating a contemporary legal issue. Throughout this course students will be exposed to and immerse themselves in authentic legal and political settings to reinforce knowledge and skills developed in class.

This elective is suited to students who are interested in studying VCE Legal Studies. Topics covered and assessment tasks will provide an introduction and preparation for VCE. You are especially encouraged to choose this subject if you are interested in exploring the development of Australia's political and legal systems.

## SKILLS TO BE DEVELOPED

- Define key legal terminology
- Research and analyse relevant information about the sources and types of laws

## ASSESSMENT METHODS

- Written report
- Annotated poster
- Test
- Oral presentation
- Semester Examination

## Possible Career Applications

- Criminologist
- Police Officer/Detective
- Journalist
- Politician
- Teacher/Lecturer
- Intelligence Officer
- Employee Relations
- Human Resource Manager
- International Relations
- Lawyer (Solicitor/Barrister)
- Media and Communication
- Mediator
- OH&S/Compliance
- Policy Development
- Research Analyst

# OUR CHANGING ENVIRONMENT

Victorian Curriculum LEVEL 10  
Learning Area Humanities  
*One Semester*

## AREAS OF STUDY

- Change in Environment
- Fieldwork
- Population Management

## BRIEF DESCRIPTION

This course includes two units of work that look at both natural and human factors that contribute to change in our environment. Each unit provides students with the knowledge and skills to describe global patterns of change and development from a range of perspectives and identify their causes. Students will be able to explain the operation of coastal systems and climate patterns due to natural forces and interaction with human activities. In each unit of work, students adopt an inquiry approach to investigate and evaluate the consequences of human interaction with the natural environment. They also reflect on how geographical thinking and skills contribute to the effective management of human population with a visit and exploration of Melbourne's Immigration Museum.

This elective is suited to students who are interested in the future of the environment and who enjoy investigations and activities relating to the impact of humans on the environment. It provides a foundation for further studies in the areas of VCE Environmental Science and/or Geography.

## SKILLS TO BE DEVELOPED

- Scientific Inquiry
- Data Analysis and Evaluation
- Critical Thinking
- Global Awareness
- Cause & Effect Analysis
- Geographical Skills

## ASSESSMENT METHODS

- Inquiry tasks
- Annotated display
- Semester Examination

## Possible Career Applications

- Environmental Scientist
- Conservation Scientist
- Environmental Engineer
- Sustainability Consultant
- Park Ranger/Natural Resource Manager
- Climate Change Specialist
- Environmental Lawyer
- Environmental Policy Analyst
- Environmental Educator

# ITALIAN 1 AND ITALIAN 2

Victorian Curriculum LEVEL 10

Learning Area Languages

**Semester One (Italian 1)**

**or**

**Semester One and Semester Two (Italian 2 \*\*\*)^**

\*\*\*Students intending to continue studies in Italian at VCE level must complete both semesters (Italian 2). Students who do not intend studying Italian in future years may choose to complete one unit (Italian 1) or both units (Italian 2)

^Students selecting to complete two semesters of Italian are able to count one semester in place of the compulsory Humanities elective.

## AREAS OF STUDY

- Italian lifestyle and culture (food, immigration, music, film, art)
- Italian history and geography
- Recreation and holidays in Italy
- Talking about past events and future plans in Italian

## BRIEF DESCRIPTION

This course aims to build on the work of earlier years. The emphasis is on using the language for communication in everyday life by developing the skills of reading, writing, listening, comprehending and speaking. Students consolidate the knowledge and skills necessary to learn the Italian language. They achieve a deeper understanding of the connection between language and culture, and an appreciation of how culture is expressed through language.

The study of languages enhances your understanding, appreciation and awareness of your own and other cultures. This leads to tolerance and respect for people of diverse cultural backgrounds, an important quality to have in our multicultural society and in our dealings with the rest of the world. Knowing Italian creates a wide range of professional and social opportunities in Australia and overseas.

## SKILLS TO BE DEVELOPED

- Communicating in Italian, encompassing reading, writing, listening and speaking skills
- Understanding the relationship between language, culture and learning
- Developing intercultural capabilities
- Understanding themselves as communicators

## ASSESSMENT METHODS

- Oral and written tasks
- Reading and listening comprehension tasks
- Vocabulary and grammar tasks and tests
- Semester Examination

## Possible Career Applications

- Customs and Border Protection Officer
- Foreign Correspondent
- International Finance
- International Relations/Policy Development
- Importer/Exporter
- Interpreter
- Language Teacher/Education Consultant
- Lawyer (International law)
- Linguist
- Travel Consultant

# ARABIC 1 AND ARABIC 2

Victorian Curriculum LEVEL 10

Learning Area Languages

## *Semester One (Arabic 1)*

*or*

## *Semester One and Semester Two (Arabic 2 \*\*\*)^*

\*\*\*Students intending to continue studies in Arabic at VCE level must complete both semesters (Arabic 2). Students who do not intend to study Arabic in future years may choose to complete one unit (Arabic 1) or both units (Arabic 2)

^Students selecting to complete two semesters of Arabic are able to count one semester in place of the compulsory Humanities electives.

## AREAS OF STUDY

- Lifestyle and culture (food, immigration, music, dance, art and society)
- Arabic history and geography
- Cultural products and practices and their use or role in Arabic-speaking communities
- Talking about past events and future plans in Arabic

## BRIEF DESCRIPTION

This course aims to build on native or first language knowledge of Arabic. The emphasis is on using the language for communication in everyday life by developing the skills of reading, writing, listening, comprehending and speaking. Students consolidate the knowledge and skills necessary to learn the Arabic language. They achieve a deeper understanding of the connection between language and culture, and an appreciation of how culture is expressed through language.

The study of languages enhances your understanding, appreciation and awareness of your own and other cultures. This leads to tolerance and respect for people of diverse cultural backgrounds, an important quality to have in our multicultural society and in our dealings with the rest of the world. Knowing Arabic creates a wide range of professional and social opportunities in Australia and overseas.

## SKILLS TO BE DEVELOPED

- Communicating in Arabic, encompassing reading, writing, listening and speaking skills
- Understanding the relationship between language, culture and learning
- Developing intercultural capabilities
- Understanding themselves as communicators

## ASSESSMENT METHODS

- Oral and written tasks
- Reading and listening comprehension tasks
- Vocabulary and grammar tasks and tests
- Semester Examination

## Possible Career Applications

- Customs and Border Protection Officer
- Foreign Correspondent
- International Finance
- International Relations/Policy Development
- Importer/Exporter
- Interpreter
- Language Teacher/Education Consultant
- Lawyer (International law)
- Linguist
- Travel Consultant

# COMPUTING

Victorian Curriculum LEVEL 10

Learning Area Technology

*One Semester*

## AREAS OF STUDY

- Databases
- Coding
- Websites

## BRIEF DESCRIPTION

Through the creation of databases, websites and phone applications, students explain the control and management of digital systems and security implications of the interaction between hardware, software and users. Students explain simple data compression, and why content data is separated from presentation. They take account of privacy and security requirements when selecting and validating data and using digital systems. Students share and collaborate online, develop guidelines for the legal and safe use, transmission and maintenance of data and projects. They design and evaluate user experiences and algorithms, and develop and test modular programs, including an object-oriented program. Students evaluate their solutions and information systems in terms of risk, sustainability and potential for innovation.

If you're interested in the world of technology, both current and that of the future, along with computing, coding, web-design and creating apps, then this is the subject to choose. You will learn how to code an app for an iPhone, create databases to predict trends in weather and

create your own website using Adobe Dreamweaver. There will also be units where you explore laws in Australia, Problem Solving Methodology, Software/Hardware knowledge and build life and technological skills needed to succeed in a modern workplace.

## SKILLS TO BE DEVELOPED

- Database Management
- Website Development
- Data Compression & Management
- Data Security & Privacy
- Ethical Use of Technology

## ASSESSMENT METHODS

- Creating Weather Base
- iPhone Application Game Development
- Website using Adobe Dreamweaver

## Possible Career Applications

- Web Developer
- Mobile App Developer
- Database Administrator
- Software Developer (with further education)
- Data Analyst
- IT Security Specialist
- Systems Analyst
- Tech Entrepreneur

# FOOD TECHNOLOGY

Victorian Curriculum LEVEL 10  
Learning Area Technology  
*One Semester*

## AREAS OF STUDY

- Safe work practices and hygiene
- The design process
- Sugar and energy drinks in our diets
- Best baking
- Commercial comparisons and taste tastings
- Sustainability and reducing food waste

## BRIEF DESCRIPTION

Students will develop a broad knowledge and understanding of the properties, processing and preparation of food, as well as study nutrition, consumption patterns, the importance of hygiene and how to apply safe working practices in the production of food. Students respond to a range of real-life challenges. Through the development of life skills, you will build creative problem-solving skills related to food consumption. Students work individually or in groups, to cook a wide range of recipes including main courses, desserts, and snacks. Some of the products that will be produced include, stirfry, cupcakes, triple chocolate brownie, kebabs, hamburger with homemade bread rolls, gnocchi, and many other delicious products. Students will evaluate their productions and make suggestions for changes that would improve the end products.

If you enjoy creating and producing a range of food from savoury to all things sweet, this

elective will be a suitable option. It will provide a foundation for students interested in undertaking VCE, or VET technology offerings or in seeking employment in such areas as the hospitality, health, food science, environmental health office, dietician and many other career paths as well as providing you with essential life skills.

## SKILLS TO BE DEVELOPED

- Food Science & Preparation
- Nutrition
- Hygiene & Food Safety
- Culinary Skills

## ASSESSMENT METHODS

- Practical assessment
- Sensory evaluations
- Practical designs
- Semester Examination

## Possible Career Applications

- Food Scientist/Technologist
- Dietitian/Nutritionist
- Food Stylist/Food Photographer
- Restaurant Manager
- Food Blogger/Writer
- Food Inspector/Health Officer
- Personal Chef

# MATERIALS TECHNOLOGY

Victorian Curriculum LEVEL 10  
Learning Area Technology  
*One Semester*

## AREAS OF STUDY

- Investigation of the properties and uses of different types of materials such as timber, metal and plastic.
- Design and creation of products
- Analysis and evaluation of products
- Safe and correct use of hand tools
- Workshop safety

## BRIEF DESCRIPTION

This course aims to introduce the knowledge and skills of materials technology. Students develop an understanding of the characteristics and uses of various timbers and other materials. They test timbers, produce items using a range of hand tools, learning safe and correct use of hand tools and equipment in order to develop effective woodworking and materials handling techniques. Students develop their ideas in design briefs. They then analyse and evaluate their products using a range of criteria. They investigate issues affecting the use and production of timber and other materials products. Practical sessions are designed to link with and reinforce aspects of work covered in theory classes.

This elective will be useful preparation for students interested in undertaking VCE or VET technology offerings, or in seeking employment in related areas. It develops skills in design, management and planning that will be useful in many areas of school and life.

## SKILLS TO BE DEVELOPED

- Classification of materials
- Methods of testing
- Design elements
- Selection of tools, machines and processes for a specific purpose
- Justification of materials used

## ASSESSMENT METHODS

- Design Brief
- Workbook
- Project
- Semester Examination

## Possible Career Applications

- Civil Engineer
- Construction Manager
- Industrial Designer
- Performance Designer (set and costume)
- Product Design Engineering
- Property Development and Valuation
- Fashion Designer and Textile Designer
- Spatial Designer (interior/exterior/virtual)
- Trades
- Visual Merchandise

# SYSTEMS ENGINEERING

Victorian Curriculum LEVEL 10  
Learning Area Technology  
*One Semester*

## AREAS OF STUDY

- Structure of robots
- Function and mechanics of robots
- Applications of robots – a critical evaluation, including issues
- Electronics
- Designing and creating
- Analysing and evaluating

## BRIEF DESCRIPTION

This course aims to introduce students to the structure, mechanics and uses of robots. Students develop an understanding of the characteristics of robots through design, trial and error and experimentation. They design, produce, test and analyse their products using a range of criteria. Whether a system is appropriate depends on the consequences of its applications as well as on how well it meets human needs. Students will consider the technical, economic, environmental, social and cultural factors associated with the use of robots. They evaluate the usefulness of robots from local and global perspectives and estimate their future impact on societies and environments. Practical sessions are designed to link with and reinforce aspects of theory work.

This elective will suit students who are interested in how things work and who would enjoy designing and making moving objects that can be controlled remotely. This elective caters for students who enjoy project-based work and team based activities.

## SKILLS TO BE DEVELOPED

- Robot Mechanics & Design
- Design Thinking & Problem-Solving
- Evaluation & Analysis
- Ethical Considerations
- Systems Thinking

## ASSESSMENT METHODS

- Project management
- Group work
- Tests
- Semester Examination

## Possible Career Applications

- Business Systems Designer
- Computer Programmer
- Cybersecurity Analyst
- Data Scientist
- Digital Marketing Officer
- Games Developer
- IT Manager
- Multimedia Developer
- Software Engineer
- Network Engineer
- Robotics Engineer



# EXERCISE & SPORTS SCIENCE

Victorian Curriculum LEVEL

10

Learning Area

Health & Physical Education

***One Semester - recommended for students interested in studying Physical Education and Health subjects in VCE.***

## AREAS OF STUDY

- Cardiovascular, Respiratory, Skeletal and Muscular Systems
- Anatomical Terminology
- Biomechanics

## BRIEF DESCRIPTION

Exercise and Sports Science will provide an introduction to theory components, which relate to the content covered in VCE Physical Education. This elective serves to develop the students' understanding in the foundation studies of sport and exercise science. A significant proportion of this subject is participation in practical activities. The emphasis is on participation rather than skill. This course is designed to assist students with anatomy, physiology, skill analysis, coaching and students will be required to participate fully in both theory and practical lessons that relate to exercise physiology and body systems and the role they play in human movement. This elective is suited to students interested in physical activity and movement, as well as future directions related to Health & Human Development.

## SKILLS TO BE DEVELOPED

- Theoretical Knowledge
- Anatomy & Physiology
- Skill Analysis
- Coaching Principles
- Kinesthetic Awareness

## ASSESSMENT METHODS

- Skeletal Test
- Muscular Systems Test
- Respiratory Systems Assignment
- Lab Activities
- Semester Examination

## Possible Career Applications

- Exercise Scientist/Exercise Physiologist
- Facilities Manager
- Nutritionist
- Outdoor Education Specialist
- Paramedic
- Physiotherapist
- Sports Manager
- Sports Medicine
- Sports person

# LIFESTYLE DIET & FITNESS

Victorian Curriculum LEVEL 10

Learning Area Health & Physical Education

*One Semester*

## AREAS OF STUDY

- The positive effect that vitamins and minerals have on our health
- Perform and observe different aspects of fitness training
- Demonstrate an understanding of the history of the fitness training types they have participated in during practical classes

## BRIEF DESCRIPTION

Lifestyle Diet and Fitness will focus on educating and encouraging students to make positive decisions about their fitness and diet. A significant portion of this subject is participation in practical activities that will assist the students to take control of their own fitness. These practical classes will focus on all aspects of fitness and will include aerobics, yoga, pilates, boxing, dance and Zumba. The emphasis is on participation rather than skill. The theory component will focus on the student's daily diet and the positive effects healthy food can have on our body. Students will also identify the origin of each type of fitness training and how it has changed over time. This elective will offer advice and knowledge about nutrition and wellbeing. It will engage and empower students to further participate in physical activity.

## SKILLS TO BE DEVELOPED

- Healthy Lifestyle Choices
- Nutritional Awareness
- Exercise Techniques
- Self-Management
- Goal Setting & Motivation
- Confidence & Empowerment

## ASSESSMENT METHODS

- One major assignment
- Maintenance of work/Mac book including notes and handouts
- Unit test
- Topic tests
- Semester Examination

## Possible Career Applications

- Personal Trainer
- Group Fitness Instructor
- Nutrition Coach/Consultant
- Health & Wellness Coach
- Corporate Wellness Specialist
- Dietitian/Nutritionist
- Teacher (Health & Physical Education)
- Content Creator (Fitness/Health)
- Sports Therapist/Athletic Trainer

# OUTDOOR & ENVIRONMENTAL STUDIES

Victorian Curriculum LEVEL

10

Learning Area

Health & Physical Education

***One Semester***

\*Additional costs may be incurred for day activities.

## AREAS OF STUDY

- Nature and natural environments
- Cultural perspectives – how humans relate to the land
- Media portrayal of nature and risk
- Safe participation in outdoor experiences
- Practical skills for outdoor experiences

## BRIEF DESCRIPTION

This course allows students to consider the motivations for and responses to nature and natural environments through outdoor experiences including mountain bike riding, camping, canoeing, rock climbing and abseiling. Students investigate a range of contemporary uses and meanings of terms such as nature and natural environments. Students consider how humans relate to the land depending on their cultural perspectives. They evaluate how their own responses to the natural environment are influenced by media portrayals of nature and risk.

The practical component of the course includes opportunities for students to plan for safe participation in outdoor experiences and develop practices and skills that ensure minimal impact on the environment. This elective will appeal to students who enjoy outdoor activities and who want new challenges and experiences. It will be a foundation for further studies involving the environment, outdoor and recreational studies.

## SKILLS TO BE DEVELOPED

- Environmental Awareness
- Cultural Perspectives
- Risk Assessment & Management
- Problem-Solving & Adaptability
- Teamwork & Collaboration

## ASSESSMENT METHODS

- Digital Journal (surfing and bushwalking)
- Book Work
- Team Initiatives
- Semester Examination

## Possible Career Applications

- Park Ranger/Natural Resource Manager
- Outdoor Adventure Guide
- Environmental Educator
- Ecotourism Specialist
- Conservation Officer/Wilderness Ranger
- Outdoor Education Teacher
- Environmental Researcher
- Outdoor Gear Salesperson/Retailer
- Adventure Filmmaker/Photographer
- Sustainability Consultant

# LIVE STRONG LIVE LONG

Victorian Curriculum LEVEL

10

Learning Area

Health & Physical Education

***One Semester***

## AREAS OF STUDY

- Different aspects of fitness training
- Effects of steroids on the human body
- Legal and illegal ergogenic aids to enhance performance and recovery

## BRIEF DESCRIPTION

Live Strong Live Long will focus on educating and encouraging students to make positive decisions about their fitness and diet. This elective is significantly focused on practical activities that will assist students to take control of their own fitness. Practical classes will focus on all aspects of fitness and will include boot camp type challenges, boxing, resistance training, developing a training program and training evaluation. The emphasis is on participation rather than skill. The theory component will focus on the student's daily diet and the positive effects healthy food can have on our body. Students will learn about legal and illegal substances used in sport to enhance performance and recovery and the consequences of using enhancers to increase performance in different environments such as the gymnasium or out on the sporting field.

This elective will offer advice and knowledge about nutrition and wellbeing. It will engage and empower students to further participate in physical activity. The practical classes will focus on all aspects of fitness and the theoretical classes will assist in making pathway decisions into either VCE Physical Education or Health and Human Development.

## SKILLS TO BE DEVELOPED

- Healthy Lifestyle Choices
- Nutritional Awareness
- Exercise Techniques
- Self-Management & Goal Setting
- Training Program Design & Evaluation
- Confidence & Empowerment

## ASSESSMENT METHODS

- Lance Armstrong Test
- Performance Enhancing and Recovery Practice
- Fitness Test
- Training Program
- Semester Examination

## Possible Career Applications

- Personal Trainer
- Group Fitness Instructor
- Strength & Conditioning Coach
- Sports Nutritionist/Dietitian
- Wellness Coach
- Corporate Wellness Specialist
- Teacher (Health & Physical Education)
- Content Creator (Fitness/Health)
- Sports Therapist/Athletic Trainer

# LIFESTYLE & LIVING LONGER

Victorian Curriculum LEVEL

10

Learning Area

Health & Physical Education

***One Semester***

## AREAS OF STUDY

- Understanding Health and Wellbeing
- Managing Health and Development
- Skills to prepare for VCE Health and Human Development

## BRIEF DESCRIPTION

Lifestyle and Living Longer will provide an introduction to theory components that relate to the content covered in VCE Health and Human Development.

This subject serves to develop the students' understanding of health literature as the foundation studies of Health and Human Development. Students examine health and wellbeing, and human development as dynamic concepts, subject to a complex interplay of biological, sociocultural and environmental factors, many of which can be modified by health care and other interventions. Students consider the interaction of these factors, with particular focus on the social factors that influence health and wellbeing; that is, on how health and wellbeing, and development, may be influenced by the conditions into which people are born, grow, live, work and age.

## SKILLS TO BE DEVELOPED

- Health Literacy
- Critical Thinking
- Research & Analysis
- Ethical Considerations

## ASSESSMENT METHODS

- Test
- Data Analysis
- Case Study
- Semester Examination

## Possible Career Applications

- Public Health Professional
- Health Promotion Officer
- Social Worker
- Community Health Worker
- Health Policy Analyst
- Health Educator/Trainer
- Health Researcher
- Doctor/Physician (with extensive further education)
- Nurse

# Year 10 2025 Subject Selection

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Student Name: \_\_\_\_\_ Student No: \_\_\_\_\_ LG: \_\_\_\_\_

## YEAR 10 SUBJECTS 2025

1.	Science
2.	
3.	
4.	
5.	
6.	

## *RESERVES*

1.	
2.	

- **Please note:** Choose your electives carefully as there will not be an opportunity to change these once they are allocated. Read each of the subject blurbs and ask your teachers questions before you make a decision.
- **Reserves:** Students must pick two subjects as backup options if their first preferences are not available. Carefully choose these as they may have to be allocated as one of the student's reserve subjects.