

Year 10 Course Guide 2025



Carrum Downs Secondary College
Respect Integrity Effort

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IMPORTANT DATES

Parent Information Session	Tuesday 18 th June 2024
Students Edval Code and Selections Open	Tuesday 18 th June 2024
Course Selection Interviews	Monday 24 th June 2024
Edval Subject Selections Close	Wednesday 26 th June 2024
Confirmation of Courses	Term 3 2024

INTRODUCTION

It is the goal of Carrum Downs Secondary College that all students have a successful pathway to university, TAFE or full-time employment. It is essential that students transitioning to the senior years plan carefully and make informed decisions that enable them to fulfil both academic and personal goals.

The best advice is to choose studies:

- which the student enjoys
- in which the student is likely to achieve success
- that the student may need for future study (prerequisites) or work
- which maintain and develop the student's special skills and talents

Carrum Downs Secondary College is committed to supporting you and your child as they commence the next stage of their career journey. Throughout the year, students have engaged in careers focused assemblies, Morrisby profiling and counselling as well as Pastoral Care activities that have prepared them to consider options for 2025. The pinnacle of this process is to select an individualised Year 10 program, with the support of the Parent Information Evening followed by Course Counselling interviews.

YEAR 10 CURRICULUM STRUCTURE

The focus of our Year 10 program is to provide students with as much choice as possible. The College aims to provide an enjoyable, relevant, broad and rigorous teaching and learning program that provides both preparation for Year 11 and 12 as well as the training and guidance for future careers. During Year 10, there is an opportunity for students to accelerate their studies with a VCE or VET subject.

All Year 10 students must complete subjects from the following learning areas:

- English (full year)
- Maths (full year)
- Core Humanities (one semester)
- Core Science (one semester)
- Health & Physical Education (one semester)
- Pastoral Care (full year)

In a Year 10 course (i.e. one without a VCE/VET subject), students will then have five elective subjects to select. Students are encouraged to consider their future pathways and select subjects tailored to their interests and supportive of their future goals.

YEAR 10 CURRICULUM STRUCTURE

Semester 1	Semester 2
<p>ENGLISH</p> <p><u>Compulsory – choose one:</u></p> <p>Everyday English Core English Literature *</p> <p>8 periods per fortnight</p>	
<p>MATHS</p> <p><u>Compulsory – choose one:</u></p> <p>Foundation Mathematics General Mathematics Mathematical Methods *</p> <p>8 periods per fortnight</p>	
<p>HUMANITIES</p> <p><u>Compulsory:</u></p> <p>Core Humanities</p> <p>8 periods per fortnight</p>	<p>HEALTH & PHYSICAL EDUCATION</p> <p><u>Compulsory:</u></p> <p>Core Health & PE</p> <p>8 periods per fortnight</p>
<p>SCIENCE</p> <p><u>Compulsory – choose at least one:</u></p> <p>General Science Biology & Environmental Studies Chemistry Physics</p> <p>8 periods per fortnight</p>	<p><u>PASTORAL CARE</u></p> <p>2 periods per fortnight</p>
<p>ELECTIVE 1</p> <p>8 periods per fortnight</p>	<p>ELECTIVE 2</p> <p>8 periods per fortnight</p>
<p>ELECTIVE 3</p> <p>8 periods per fortnight</p>	<p>ELECTIVE 4</p> <p>8 periods per fortnight</p>
<p>ELECTIVE 5</p> <p>8 periods per fortnight</p>	<p>* entry to these subjects is based on teacher recommendation, application is required.</p>

Senior Pathways

PREPARING FOR SENIOR PATHWAYS

Subject selection at Year 10 aims to prepare students for possible future pathways by exploring different subjects. Students can then make informed decisions about their Senior Pathways.

VCE

The Victorian Certificate of Education (VCE) opens pathways to University, higher-level TAFE or Vocational Education and Training (VET) certificate courses, apprenticeships and traineeships, and the workforce. The VCE offers studies in humanities, science, mathematics, technologies, arts, physical education, and languages, as well as VET programs. Many Victorian students choose to finish secondary school studying the VCE because of its range of subjects and pathways. The VCE has been expanded to include the Vocational Major (VM). The VCE VM is a 2-year vocational and applied learning program within the VCE.

Link: <https://vcaa.vic.edu.au/studentguides/where-to-now/Pages/Index.aspx>

VET

As part of VCE courses a *Vocational Education and Training* (VET) subject can be chosen. This means that the student will be undertaking training in a specific vocational area, for instance hospitality, agriculture, information technology or engineering. As part of a VCE Vocational Major program it is compulsory to elect a VET subject. A VET program contributes to the VCE or VCE VM in the same way that other studies contribute, however only scored VET programs with exams contribute towards an ATAR (Australian Tertiary Admission Rank) score. All VET subjects are discussed in more detail later in this Course Guide.

Link: <https://vcaa.vic.edu.au/studentguides/getvet/Pages/Index.aspx>

SBAT/HEADSTART

Another way for vocational training to contribute towards a VCE certificate is through a *School Based Apprenticeship or Traineeship* (SBAT). This is a part-time apprenticeship/Traineeship program where the student's timetable is tailored to ensure that there is a suitable mix of necessary core subjects as well as an ability to accommodate the employment requirements of the SBAT. *These opportunities are only available in certain vocations and students will need to meet certain attendance and academic requirements to be considered. Students can apply at Year 10, 11 & 12 levels.*

Link: <https://www.vic.gov.au/head-start-apprenticeships-and-traineeships>

Accelerated Study in Year 10

Students undertaking Year 10 have the option to choose a VCE Unit 1/2 subject or a VET program. Students who do this will aim to complete this accelerated VCE subject or VET program at the end of Year 11. There are many benefits to accelerating students into VCE/VET early, however, students must meet minimum academic prerequisites and be willing to meet the work expectations required.

Some of the benefits of undertaking a VCE accelerated study:

- Having a 6th Unit 3/4 subject to include in your ATAR score
- Having the experience of studying a VCE subject a year early rather than entering a full VCE program, including the experience of SACs (School Assessed Coursework) exams
- Challenging yourself academically

Expectations of students undertaking a VCE accelerated study:

- Being prepared to commit between 3-5 hours per week for study and homework
- Attending all lessons, with the only exception being due to illness (medical certificate)
- Be organised in your approach to learning and stay up to date with work outcomes

Year 10 Accelerated study is accompanied by a huge commitment and an increased workload for students, and it is only recommended to students who meet specific criteria. Ultimately, students will be learning 12 months ahead of the expected Year 10 level. A completed application process is required for students seeking to undertake an accelerated program. Application form for accelerated VCE/VET: [..\Accelerated VET initial application\Application Y10 VET Accelerated.docx](#)

Subjects offered for accelerated study in Year 10 with their prerequisite:

VCE Unit 1/2 Accelerated Study	Relevant Year 9 Classes	Required Grades from Assessment	Other Requirements
Biology	English, Science	Assessment results of at least year 9 standard for mid-year – Victorian Curriculum Level 8.5	Most Student Engagement behaviours from Semester 1 Progress report at excellent or very good <u>and</u> Outstanding attendance of higher than 95%
Business Management	English, Humanities		
Geography	English, Humanities		
Health & Human Development	English, Health		
Legal Studies	English, Humanities		
Psychology	English, Science		
Outdoor Education	English		
General Mathematics	Maths		
Visual Communication and Design	English, Art		
Art Creative Practice	English, Art		
Media	English		
Work Related Skills (WRS)	English, Humanities		
VET programs	LLN, English, Maths		

Considerations for accelerated study:

- It is not guaranteed that all students who apply for accelerated study will be offered a place in their accelerated program – places are limited.

Vocational Education & Training (VET)

Students considering a VET should complete the associated application process for accelerated subjects.

Link: <..\Accelerated VET initial application\Application Y10 VET Accelerated.docx>

Onsite options:

- **Certificate II Sport and Recreation – 1 Year**

Units of Competency		Hours
HLTWHS001	Participate in workplace health and safety	20
SISOFLD001	Assist in conducting recreation sessions	30
SISXFAC006	Maintain activity equipment	5
SISXIND011	Maintain sport, fitness and recreation industry knowledge	50
SISXEMR003	Respond to emergency situations	20
SISXCCS004	Provide quality service	25
SISXPLD001	Provide hire equipment for activities	10
HLTAID011	Provide first aid	18
SISSPAR009	Participate in conditioning for sport	30
SISSSOF002	Continuously improve officiating skills and knowledge	20
TOTAL		228

- **Certificate II Community Services (ECEC Pathway) – 1 Year**

Units of Competency		Hours
CHCCOM001	Provide first point of contact	35
CHCCOM005	Communicate and work in health or community services	30
CHCDIV001	Work with diverse people	40
HLTWHS001	Participate in workplace health and safety	20
BSBPEF202	Plan and apply time management	20
CHCDIV002	Promote Aboriginal and/or Torres Strait Islander cultural safety	25
CHCPRT025	Identify and respond to children and young people at risk	40
HLTFSE001	Follow basic food safety practices	30
HLTAID012	Provide First Aid in an education and care setting	22
TOTAL		262

- **Multi-Industry Trade Pathway Program – 1 Semester**

Program Name	Unit Code		Hours
UEE22020 – Certificate II in Electrotechnology (Career Start)	UEERE0001	Apply environmentally and sustainable procedures in the energy sector	20
AUR20720 – Certificate II in Automotive Vocational Preparation	AURTK102	Use and maintain tools and equipment in an automotive workplace	20
22614VIC – Certificate II in Building and Construction Pre-Apprenticeship	CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry	20
22614VIC – Certificate II in Building and Construction Pre-Apprenticeship	VU23312	Prepare for work in the building and construction industry	18
22569VIC – Certificate II in Plumbing (Pre-apprenticeship)	VU23051	Prepare to work in the plumbing industry	20
TOTAL			98

Offsite options:

Certificate II Automotive Vocational Preparation	Chisholm
Certificate II Building and Construction Pre-Apprenticeship (Carpentry)	Chisholm
Certificate II Building and Construction Pre-Apprenticeship (Bricklaying)	Chisholm
Certificate II Building and Construction Pre-Apprenticeship (Floor & Wall Tiling)	Chisholm
Certificate II in Cabinet Making and Timber Technology	Chisholm
Certificate II in Electrotechnology *	Chisholm
Certificate II in Engineering *	Chisholm (Dandenong)
Certificate II in Hospitality	Chisholm
Certificate II in Cookery	Chisholm
Certificate II in Cookery (Patisserie)	Chisholm
Certificate II in Plumbing	Chisholm
Certificate II in Salon Assistance (Hairdressing)	Chisholm/Foundation College
Certificate II in Workplace Skills	Chisholm/Foundation College
Certificate II Applied Fashion and Textiles	EMC - Langwarrin
Certificate II Animal Care	Foundation College
Certificate II in Retail	Foundation College

* Must be at Expected Level or above in Science and Mathematics

Students must be at ASQA Level 2 in English and Mathematics (LLN Robot). ASQA Level 3 for Mathematics for Electrotechnology and Engineering

Students wishing to enrol in a Qualification not on this list will need to sit LLN testing (ASQA Level 3 or above), seek approval from relevant subject teachers/House and attend a parent meeting.

Considerations for accelerated study:

- It is not guaranteed that all students who apply for accelerated study will be offered a place in their accelerated program – places are limited.

Study of Literature & Mathematical Methods

As part of the Year 10 program students may elect to undertake Literature and/or Mathematical Methods. These subjects are aimed at extending students who are already achieving strong results and who are looking for that extra challenge when it comes to their core studies. It is important to note that Year 10 Mathematical Methods is a prerequisite for VCE Unit 1/2 Mathematical Methods – meaning that any student considering a high-level Science or Mathematics pathway involving the subject Mathematical Methods must undertake this subject in Year 10.

Some of the benefits of undertaking these subjects:

- More dedicated time focused on the more challenging aspects of the chosen study.
- Higher level academic focus will prepare students well for their future VCE studies.
- Mathematical Methods is a prerequisite for Unit 1/2 Mathematical Methods.

Expectations of students undertaking these subjects:

- Being prepared to commit between 2-3 hours per week for study and homework per subject.
- Attending all lessons, with the only exception being due to illness (medical certificate).
- Be organised in your approach to learning and stay up to date with work outcomes.

These Year 10 subjects have an increased workload and academic level for students compared to our standard program, therefore it is only recommended to students who meet at least 1 of the 2 specific criteria listed below. These options will be discussed during the Course Counselling interviews, as they require a teacher recommendation and a completed application form Link: [..\Accelerated VET initial application\Application Y10 VET Accelerated.docx](#)

Subjects Offered for accelerated study to year 10s with their pre-requisite criteria:

Note that students must meet 1 of the following 2 criteria

Advanced Study	Relevant Year 9 Class	Criteria 1	Criteria 2
Literature	English	Assessment results at or above Year 9 standard for mid-year = Victorian Curriculum Level 8.5 or 9.0 or above	Assessment results of at least Year 9 standard for mid-year = Victorian Curriculum Level 8.5
Mathematical Methods	Maths		<u>and</u> Most Students Engagement behaviours from Semester 1 Progress report at excellent or very good

Considerations for these subjects:

- It is not guaranteed that all students who apply will be offered a place in these subjects – places are limited
- There is no guarantee that once a student has commenced these subjects that they will be able to “drop back” to a Core English/General Maths class later if they change their mind.
- A teacher recommendation and application form must be available for discussion at Course Counselling.

Bring Your Own Device

(BYOD)

Carrum Downs Secondary College believes all students should have access to the necessary ICT tools to be successful learners within the 21st century. The use of technology to support student learning needs to be multi-faceted, flexible and adaptive in approach, and the various devices utilised should enable students to have continual access to relevant information and knowledge whenever required and perform a variety of other functions necessary to support their learning.

It is necessary for all students to have access to a laptop in all of their classes through our Bring Your Own Device (BYOD) program. Students must have access to their own laptop and are responsible for bringing it to the College each day. Students bringing their device will be able to login to our College network allowing them access to the internet, Office 365 software, any other subject specific software they may need.

There are many benefits to learning for students who bring their own device:

- Access at all times to our Compass portal through which students can access learning resources, become up to date with daily organisational changes, submit work and communicate with teachers.
- Access to learning software such as digital textbooks, Education Perfect and Edrolo.
- Capacity to bring the resources and information from the internet into their learning environment at any time.
- Easy transfer of schoolwork between school and home.
- Opportunities to collaborate in their learning using ICT resources through an ever-developing list of platforms including (but not limited to) Google Docs, Padlet, Kahoot.
- Greater independence in managing their own learning and better preparedness for either further study or work.

If you do not yet own a suitable device, please consider obtaining a school assisted device through application to our Business Manager.

Further information is available from our front office or the IT office.

Financial Support

PARENTS & CARERS

Carrum Downs Secondary College understands that some families may experience financial difficulty. The Camps, Sports and Excursions Fund (CSEF) payment of \$250.00 is available to all families with a Health care card or Pension card.

For a confidential discussion about support for textbooks, uniform or laptop computers, please contact the college on 9788 9100 to make an appointment with Julie Westwood, Business Manager.

Email: julie.westwood@education.vic.gov.au

Subject Descriptions

English

Students must select only 1 of the following 3 full year English subjects:

EVERYDAY ENGLISH

A practical English subject focused around developing Literacy skills for the workplace and life. This pathway is designed for students considering a VCE VM pathway.

Units studied may include:

- Oral language
- Literacy skills in the workplace
- Text analysis
- Film analysis

CORE ENGLISH

Our standard English course designed to prepare students for either VCE or VCE VM senior pathways.

Units studied may include:

- Short stories
- Close study of text
- The Writer's Craft
- Poetry
- Shakespeare
- Comparative texts
- Language analysis
- Speech delivery
- Media/multimodal

Literature*

() This subject has minimum academic entrance requirements.*

A more challenging English course designed for students who are working at or above the Victorian curriculum standard, preparing students for a VCE pathway.

Units studied may include:

- Close study of multiple texts
- The Writer's Craft
- Poetry
- Shakespeare
- Comparative texts
- Language analysis
- Speech analysis and delivery
- Media/multimodal
- Film analysis

Mathematics

Students must select only 1 of the following 3 full year Mathematics subjects:

FOUNDATION MATHEMATICS

A practical Mathematics subject focused around developing skills for the workplace and life. This pathway is designed for students considering a VCE VM pathway, or for students who do not want to undertake mathematics at VCE.

Units studied may include:

- Measurement
- Geometry
- Financial Mathematics
- Probability
- Problem solving skills

CORE MATHEMATICS

Our standard Mathematics course is designed to prepare students for either VCE General Mathematics or VCE VM senior pathways.

Units studied may include:

- Trigonometry
- Consumer Mathematics
- Linear algebra
- Measurement
- Geometry
- Probability
- Statistics

MATHEMATICAL METHODS*

() This subject has minimum academic entrance requirements.*

A more challenging Mathematics course designed for students who are working at or above the Victorian curriculum standard. This subject is a prerequisite for students intending to study VCE Mathematical Methods as part of a VCE pathway.

Units studied may include:

- Linear relations
- Graphing parabolas
- Surds and indices
- Quadratic equations
- Statistics
- Financial Mathematics
- Matrices

Humanities

All students undertake Core Humanities. Students considering a VCE Humanities pathway should consider selecting 2 or more subjects from this Learning Area.

CORE HUMANITIES

One semester core subject provides students with the fundamental understanding from this learning area.

Units studied may include:

- The end of World War I and the rise of Nazi Germany
- Australia's involvement in World War II
- The demand for improved rights in Australia
- Civil rights in the USA
- Environmental change and management
- Coastal management fieldwork
- Economic theories and the business environment

LEGAL STUDIES

One semester elective subject exploring the role of the legal system and introducing concepts that will be explored in VCE Legal Studies.

Units studied may include:

- Political parties
- Criminal & Civil laws and the court system
- The Constitution and the high court
- Citizenship in Australia
- Young people and the law
- Role of government

HISTORY'S MYSTERIES

A one semester elective subject that takes a fun look at some of the biggest mysteries of History.

Units studied may include:

- Assassination of JFK
- The Zodiac Killer
- Anastasia Romanov
- Jack the Ripper
- The Moon Landing

GEOGRAPHY MATTERS

A practical one semester elective subject focused on developing student's fieldwork, research and analytical skills whilst developing an understanding of the relationship between people and place.

Units studied may include:

- Global hazards & disasters
- Interaction of people and place
- Concepts in human, physical & environmental geography
- Practical fieldwork Investigations: e.g. Weather and climate; Environment; Population; Human impact; Natural processes of change

ECONOMICS

A one semester elective subject that explores how economies work and introduces concepts from VCE Economics.

Units studied may include:

- Introduction to economics
- Resources and production
- Consumer behaviour
- Consumption and incentives
- Price setting and market power

Humanities Accelerated Options*

() Accelerated options have minimum academic entrance requirements.*

VCE BUSINESS MANAGEMENT UNITS 1 AND 2

The study of Business Management leads to opportunities across all facets of the business and management field such as small business owner, project manager, human resource manager, operations manager or executive manager. Further study can lead to specialisation in areas such as marketing, public relations and event management.

VCE LEGAL STUDIES UNITS 1 AND 2

The study of VCE Legal Studies enables students to become active and informed citizens by providing them with valuable insights into their relationship with the law and the legal system. They develop knowledge and skills that enhance their confidence and ability to access and participate in the legal system. Students come to appreciate how legal systems and processes aim to achieve social cohesion, and how they themselves can create positive changes to laws and the legal system.

VCE GEOGRAPHY UNITS 1 AND 2

VCE Geography enables students to examine natural and human phenomena, how and why they change, their interconnections and the patterns they form across the Earth's surface. In doing so, they 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, environments and human interactions with these.

VCE WORK-RELATED SKILLS UNITS 1 AND 2

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

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

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

LOTE

Students considering a VCE Language pathway must select it as a year 10 elective.

JAPANESE

A full year subject that takes the place of 2 electives. Students study Japanese language and culture. This subject is a prerequisite for any students wishing to study Japanese in VCE.

Units studied may include:

- Culture and communication skills
- Connections between language and cultural expressions
- Japanese scripts
- Literature and films
- Conversations with our sister school in Japan

Science

All students undertake Core Science. Students considering a VCE Science pathway should consider selecting 2 or more subjects from this Learning Area.

GENERAL SCIENCE

A semester-based core subject that explores broadly how science impacts our everyday life. This subject is recommended for students who do not intend to follow a VCE Science pathway.

Units studied may include:

- Global systems; Chemical reactions
- Astronomy, motion & energy; Genetics & evolution

BIOLOGY & ENVIRONMENTAL SCIENCE

A semester-based core subject that explores the living world and introduces concepts from VCE Biology.

Units studied may include:

- Climate change
- Cells and genetics
- Evolution

PHYSICS

A semester-based core subject that investigates the principles of motion and energy that underpin much of our technology. This subject serves as an introduction to VCE Physics.

Units studied may include:

- Introduction into motion
- Newton's laws
- Thermodynamics
- Astronomy and astrophysics
- Properties of light

CHEMISTRY

A semester-based core subject that investigates chemical production and the role chemicals play in society. This subject serves as an introduction to VCE Chemistry.

Units studied may include:

- Introduction into chemistry
- Atoms and elements
- Bonding
- Chemical reactions

PSYCHOLOGY

A semester based elective subject that begins to explore how our minds grow and develop, influencing our behaviour and helping us perceive the world.

Units studied may include:

- What is psychology?
- Memory and research methods
- Forensic psychology & Personality
- Scientific inquiry

Science Accelerated Options*

() Accelerated options have minimum academic entrance requirements.*

VCE BIOLOGY UNITS 1 & 2

VCE Biology enables students to investigate the processes involved in sustaining life at cellular, system, species and ecosystem levels. In undertaking this study, students examine how life has evolved over time and understand that in the dynamic and interconnected system of life all change has a consequence that may affect an individual, a species or the collective biodiversity of Earth. The study gives students insights into how knowledge of molecular and evolutionary concepts underpinning much of contemporary biology, and the applications used by society to resolve problems and make advancements.

VCE PSYCHOLOGY UNITS 1 & 2

VCE Psychology provides students with a framework for exploring the complex interactions between biological, psychological and social factors that influence human thought, emotions and behaviour. In undertaking this study, students apply their learning to everyday situations including workplace and social relations. They gain insights into a range of psychological health issues in society.

Health & Physical Education

All students undertake Core Health and Physical Education. Students considering a VCE Health and Physical Education pathway should consider selecting 2 or more subjects from this Learning Area.

CORE HEALTH & PHYSICAL EDUCATION

A semester based compulsory core subject that engages students in physical movement and explores Health topics relevant to adolescents. Units studied may include:

- Movement concepts, tactical awareness and skill acquisition in team sports
- Coaching and refereeing/umpiring development
- Refining specialized movement sequences
- Mental health
- Alcohol and other drugs

ADVANCED PHYSICAL EDUCATION

This subject is for those students who are considering doing VCE Physical Education and will comprise 4 theoretical lessons and 4 practical lessons across the fortnight. It will cover concepts around; acute responses of the Body Systems in response to physical activity and the characteristics of the three Energy Systems and a basic introduction to biomechanical principles. The practical lessons are based around the application of the theory lessons to gain a deeper understanding of the content covered during theory lessons.

HEALTH & HUMAN DEVELOPMENT

A semester-based elective that explores the growth and development of the human body and prepares students for a VCE Health and Human Development pathway.

Units studied may include:

- Dimensions of health
- Nutrition
- Prenatal development (reality babies)
- Health status (measurements and Indicators of health)
- Youth issues
- Lifestyle diseases

OUTDOOR EDUCATION*

CAMPS & EXCURSIONS SUBJECT COST - \$380.00

A semester-based elective that allows students to experience and be active in the natural world.

Units studied may include:

- Team building and understanding outdoor education
- Responses to outdoor environments
- Motivations for outdoor environments
- Experiencing the outdoors
- First aid
- Healthy outdoor environments

Trips Taken:

- Sail camp in Geelong
- Snorkel trip to Rickett's Point
- Mountain bike/canoe at Lysterfield Park

(*) Work ethic and attendance will be considered when students select this subject

FITNESS & PERFORMANCE

This subject will comprise of 4 theoretical lessons and 4 lesson of practical lessons across the fortnight. The focus will be on improving individual fitness levels, developing an in-depth understanding of fitness components, training methods and training principles. Students will also look at improving and analysing performance in a selected sport. For theory, students will also look at body systems, drugs in sport and recovery strategies to improve performance.

ALL SORTS OF TEAM SPORTS

A combination of both practical and theoretical lessons that focus on a number of different sport specific units. Each unit will look at the specific strategies and tactics involved in team sports, as well as professional sporting organisations. This course explores issues in sports such as gender equality and player recruitment, concussions in sport, racism in sport and others.

Health & Physical Education Accelerated Options*

() Accelerated options have minimum academic entrance requirements.*

VCE HEALTH & HUMAN DEVELOPMENT UNITS 1 & 2

VCE Health and Human Development provides students with the skills and knowledge to make informed decisions about their own health and to recognise the importance of health in society. In undertaking this study, they will be able to actively participate in making appropriate choices that allow for good health and be able to seek appropriate advice.

VCE Health and Human Development enables students to understand the current ideologies of health and human development in contemporary society. Students critically evaluate the health and development of the individual across the lifespan in the context of both Australia and global health and human development.

VCE OUTDOOR & ENVIRONMENTAL STUDIES UNITS 1 & 2

CAMPS & EXCURSIONS SUBJECT COST - \$950.00

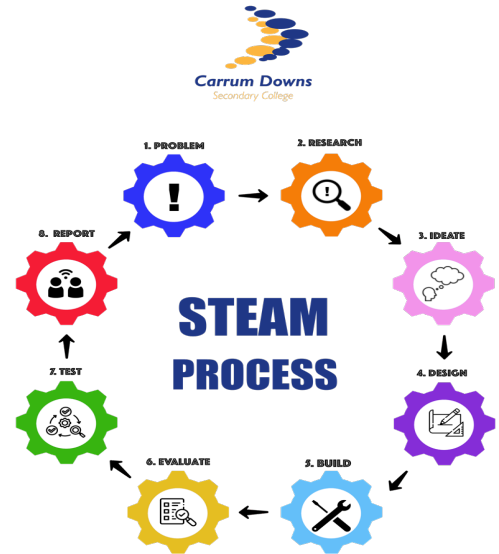
VCE Outdoor and Environmental Studies provides students with the skills and knowledge to safely participate in activities in outdoor environments and to respect and value diverse environments. The blend of direct practical experience of outdoor environments with more theoretical ways of knowing, enables informed understanding of human relationships with nature. Historically, humans have modified outdoor environments to meet survival, commercial, conservation and recreation needs. For many, outdoor environments have become places of adventure, relaxation, scientific study, social action and enterprise.

Outdoor environments also provide space for connectedness with nature and opportunities for reflection upon the past, present and future. These varying values and approaches generate differing impacts and can cause pressures and tensions between user groups, leading to issues concerning the preservation and sustainability of outdoor environments.

STEAM

The STEAM elective combines Science, Technology, Engineering, Arts and Mathematics into one subject focused around developing our students' capacity to think critically and solve real world problems. The college is currently constructing our new STEAM center and this subject is a fantastic opportunity for students to investigate and practice future workplace critical creative and collaborative skills under the STEAM program. Students will be taught the specific skills needed to design solutions to real world problems and will get the chance to put these skills to work in developing their own projects.

- Products for human use
- Robotics (coding)
- CAD design for Laser cutting
- 3D Printing



The Arts

Students considering a VCE Arts pathway should consider selecting 2 or more subjects from this Learning Area.

DRAMA

As a semester-based elective, students are introduced to different theatrical styles through workshops, activities and practical scenarios. Students use playmaking techniques to create a short ensemble performance, which incorporates the use of a given stimulus and utilises performance skills and areas of stagecraft such as costume, makeup and set. Students perform short scenes and monologues as prepared and scripted by themselves. Students also view and analyse professional performances.

Units studied may include:

- Theatre performance styles
- Non-Naturalist ensemble performance
- Monologue performance
- Drama journal/log

MEDIA

As a semester-based elective, students examine and study narrative story telling in a variety of media forms e.g. Film and photography. Students deconstruct the technical codes and conventions and various media forms and look at different production roles and responsibilities inherent in media products. Students engage in production planning, development, script writing, storyboarding, group exercises, productions and postproduction to complete their own media productions.

Units studied may include:

- Narratives in media - film, photography
- Film, photography and print productions
- Representations in the media

CREATIVE MEDIA

A semester production-based elective, students are provided opportunities to develop knowledge, understanding and skills in Adobe Creative Software associated with specific media industries. Students will look at a range of media including animations, photographic presentations, incorporating graphic and/or photographic images, webpages; comic books; magazines; short films and social media construction.

Units studied may include:

- Adobe design and create programs
- Produce animations, magazines (using photography and computer-generated images)
- Study of film, animations, print and social media
- Looking at different types of audiences e.g. the social media audience

VISUAL COMMUNICATION DESIGN

A semester-based elective, students create a series of designs by working through the design process. Design projects stem from the three fields of design; Communication Design, Environmental Design and Industrial Design. They will work with a range of different media and drawing systems.

Units studied may include:

- Visual analysis – design elements & principles
- Technical drawing
- Design projects; typography, architecture and branding

ART CREATIVE PRACTICE

A semester based elective where students will conceptualise, plan and design art works that express ideas, concepts and artistic innovations. They will analyse, interpret and evaluate a range of visual art works from various cultures and different historical and contemporary viewpoints. Students will explore and express their own techniques and skills through a range of art making techniques including painting, drawing, printmaking and sculpture. Students produce a Visual Diary / Folio that includes research, trials, information gathered on techniques and materials, personal sketches, drawings and annotated photographs.

Units studied may include:

- Experimenting with materials and techniques
- Artistic influence and inspiration
- Narrative in art
- The influence of culture and style in art

MUSIC PERFORMANCE & INVESTIGATION*

The study is designed for students who wish to develop their performance skills in the area of Music, and it is achieved in both solo and group performance contexts. In addition, students study and develop skills for presenting effective performance, develop skills in aural comprehension, musical analysis and organisation of sound. Students present solo and group performances, demonstrate prepared technical work and perform in public performances.

Units studied may include:

- Group and solo performance
- Music theory
- Music history

() Students can only select this elective if they have completed Year 9 Music Performance.*

Technology

Students considering a VCE Technology pathway should consider selecting 2 or more subjects from this Learning Area.

WOOD – PRODUCT DESIGN & TECHNOLOGY

A semester-based elective, students gain advanced skills and knowledge in design, research, materials, construction techniques and other areas relating to the practice of Wood - Product Design and Technology. Students will manufacture core pieces of work to understand manufacturing techniques, processes and procedures. Students will be able to use the skills and knowledge gained to design and produce a project with teacher guidance. OHS is a key component of this study and must be adhered to at all times.

Units studied may include:

- OHS skills, rules and regulations in the wood industry
- Producing a design brief for a product
- Making a furniture product

FOOD STUDIES

As a semester-based elective, students gain a broad knowledge and understanding of food properties, processing, preparation and their interrelationship, nutritional considerations and consumption patterns. Students study and address the importance of hygiene and safe working practices and legislation in the production of food. Students will develop food-specific skills, which can then be applied in a range of contexts enabling students to produce quality food products. Students are also provided a context through which to explore the richness, pleasure and variety that food adds to life as well as the importance of the food supply and nutrition to the future of humanity.

Units studied may include:

- Occupational health & safety food preservation
- Sensory properties healthy eating and cooking
- Ethical foods and cooking

CAFE

As a semester-based elective, students have the hands-on opportunity to learn about Café Operations in our very own on-site 'student & staff' run Café at Carrum Downs Secondary College – 'Café 263'. Our Café is open to the public and the school community on a daily basis and offers real life insight, experience and opportunity for students to experience, grow, learn and refine their very own customer service and hospitality skills, while also being of service to our Carrum Downs and whole school community.

Units studied may include:

- Food handling hygiene
- Food preparation and food service
- Barista-style coffee service
- Customer service and till operation

COMPUTING

As a semester-based subject, students are introduced to the stages of the problem- solving methodology. Students focus on how data can be used within software tools such as databases and spreadsheets to create data visualisations, and the use of programming languages to develop working software solutions.

Units studied may include:

- PC hardware/software OS
- Networked digital systems
- Database and programming

ENGINEERING – MATERIALS & MECHATRONICS

As a semester-based elective, students gain advanced skills and knowledge in design, research, materials, and other areas relating to the practice of Engineering. Students will problem solve and design products for industry and real life. Students are taught to understand engineering techniques, processes, and procedures. Students will be able to use the skills and knowledge gained to design and produce a project with teacher guidance. Students will have access to software, laser cutters, 3D printers and electrical materials to produce their designs.

Most lessons include practical builds and testing of those builds against the design parameters.

- Engineering design process
- Technical drawing
- Electrical Materials
- Welding
- CAD/CAM
- Designing and cutting basic shapes
Laser engraving

Arts & Technology Accelerated Options*

() Accelerated options have minimum academic entrance requirements.*

VCE ART: CREATIVE PRACTICE UNITS 1 & 2

In the study of VCE Art Creative Practice, research and investigation inform art making. Through the study of artworks, the practices of artists and their role in society, students develop their individual art practice, and communicate ideas and meaning using a range of materials, techniques and processes.

In the practice of Making and Responding, students develop their skills in critical and creative thinking, innovation, problem-solving and risk-taking. By combining a focused study of artworks, art practice and practical art making, students recognise the interplay between research, art practice and the analysis and interpretation of art works.

This study provides students with an informed context to support an awareness of art as a tool for cultural, social and personal communication, and the stimulus and inspiration to develop their art practice.

- Unit 1: Interpreting artworks and exploring the Creative Practice
- Unit 2: Interpreting artworks and developing the Creative Practice

VCE VISUAL COMMUNICATION & DESIGN UNITS 1 & 2

Visual Communication Design is distinct in its study of visual language and the role it plays in communicating ideas, solving problems and influencing behaviours. Students learn how to manipulate type and imagery when designing for specific contexts, purposes and audiences. They choose and combine manual and digital methods, media and materials with design elements and principles. In doing so, students learn how aesthetic considerations contribute to the effective communication and resolution of design ideas, and how an understanding of visual language, its role and potential is the foundation of effective design practice.

- Unit 1: Finding, reframing and resolving design problems
- Unit 2: Design contexts and connections

VCE MEDIA UNITS 1 & 2

VCE Media provides students with the opportunity to analyse media concepts, forms and products in an informed and critical way. Students consider narratives, technologies and processes from various perspectives, including an analysis of structure and features. They examine debates about the role of the media in contributing to and influencing society. Students integrate these aspects of the study through the individual design and production of their media representations, narratives and products.

VCE Media supports students to develop and refine their planning and analytical skills, and their critical and creative thinking and expression, and to strengthen their communication skills and technical knowledge. Students gain knowledge and skills in planning and expression that are valuable for part

- Unit 1: Media forms, representations and Australian stories
- Unit 2: Narrative across media forms

