



Carrum Downs
Secondary College

2019

YEAR 10 COURSE GUIDE

Carrum Downs Secondary College
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Useful websites:

www.carrumdownssccareers.com

<http://cdsc.vic.edu.au/>

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

CDSC 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, the Exploring Options Expo, the Year 9 Careers Fair and numerous learning activities conducted during Pastoral Care that have prepared them to consider options for 2019. The pinnacle of this process is to select specific Year 10 pathways and subjects, with the support of course counselling interviews.

THE YEAR 10 CURRICULUM & THE STRUCTURE OF YEAR 10

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 study a VCE subject or commence a School Based Apprenticeship and Training (SBAT) course.

The requirements for students studying Year 10 in 2019 have been modified slightly from previous years in an attempt to better prepare students for Year 11 and 12, as well as providing a greater range of elective options.

All students must complete the following core subjects:

- English (full year)
- Maths (full year)
- Core Humanities (one semester)
- Science (one semester- a selection of 3)
- Physical Education
- Health
- Pastoral Care

In a standard Year 10 course (i.e. one without a VCE subject), students will then have four other subjects to select of their choice.

IMPORTANT DATES

EVENT	DATE
Parent Information Session	Wednesday 27 th June
Receive Edval Code and Selections Open	Wednesday 27 th June
Course Selection Interviews (Bookings through Compass essential)	Tuesday 24 th July 12.00pm – 8.00pm Thursday 26 th July 12.00pm – 8.00pm
Edval Subject selection closes	Friday 27 th July
Course Confirmation	Term 3- Week 10
Elective Charge Payments Due	Friday 23 rd November

WHAT ARE VCE, VET, VCAL AND SBAT?

VCE

The *Victorian Certificate of Education* (VCE) is a certificate that recognises the successful completion of secondary education and provides pathways to further study at university, Technical and Further Education (TAFE) and to the world of work. Students entering Year 10 may be eligible to begin their VCE early by studying one VCE subject (NB-requirements apply for this. See following section in this handbook).

VCAL

The *Victorian Certificate of Applied Learning* (VCAL) is a certificate that recognises the successful completion of secondary education. VCAL provides a pathway to TAFE, an apprenticeship, university or employment linked to training. It gives students practical work-related experience, as well as literacy and numeracy skills and the opportunity to build personal skills that are important for life and work. Although it is important to be aware of this pathway, VCAL is currently only offered to Year 11 and 12 students at CDSC.

If a student begins their studies in VCE or VCAL and then wishes to change enrolment to the other certificate, units satisfactorily completed in VCE or VCAL can be used to provide credit towards the new course of study.

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 VCAL program it is compulsory to elect a VET subject. A VET program contributes to the VCE or VCAL 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 booklet.

Although it is important to be aware of VET, it is currently only offered to Year 11 and 12 students at CDSC.

SBAT

Another way for vocational training to contribute towards VCE or VCAL is through a *School Based Apprenticeship or Traineeship* (SBAT) course which is either a part-time apprenticeship or part-time traineeship program. 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 requirements of the SBAT.

BRING YOUR OWN DEVICE (BYOD)

The vision for Carrum Downs Secondary College is one in which all students can utilise and are provided with 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.

All students across the college are **strongly encouraged** to engage in our Bring Your Own Device (BYOD) program, whereby students can bring their own netbook device to the college, allowing them constant access to our college wireless network, internet, Office 365 software and printing. The program, which began implementation in 2018, will be an opt in program for 2019 and compulsory for all students in 2020 and beyond.

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 liaise with teachers.
- Access to learning software such as digital textbook and Edrolo (Yr 12 only).
- Capacity to bring the resources and information from the internet into their learning environment at any time.
- Easy transfer of school work 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 just to name a few.
- Greater independence in managing their own learning and better preparedness for either further study or work.

To access the BYOD program, students must return the parent consent form and bring their netbook to the school IT office where they will receive connection credentials and instructions.

If you are yet to purchase a BYOD, please consider the following options:

- Purchase a device outright from a retail provider
- Purchase a second-hand device
- Lease a device from your current telco provider (or alternative leasing company)
- Formally applying for assistance for an “extended loan device” (by appointment with the Parent Payment Contact Officer/ Business Manager)

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

ELECTIVE CHARGES

Some year 10 elective subjects incur a Materials Charge to support the additional learning materials involved as listed below. Full payment of elective charges is preferred by 23rd November, 2018. It is an expectation that all fees are paid by 30th January 2019 and payment plans are available through appointment with the College Business Manager. Early organisation of payment plans is encouraged to enable smaller regular payments over a longer timeframe.

Subject	Cost	Cost explanation
Advanced Physical Education	\$50.00	Excursion costs
Biology & Environmental Science	No cost	
Café	No cost	
Computing (ICT)	\$15.00	Additional software programs
Drama	No cost	
Design Creativity & Technology- Robotics	\$70.00	Robotic components, specialized software costs and 3D printing
Design Creativity & Technology- Wood	\$70.00	Timber costs
Economics	No cost	
English Literature	No cost	
Food & Technology	\$150.00	Food costs
Global Projects	\$20.00	Entry costs to selected venues.
Health & Human Development	\$20.00	Real life babies
History's Mysteries	No cost	
Legal Studies	No cost	
Media	\$30.00	Media technology including cameras and high quality photo paper
Multimedia	\$15.00	Software programs
Music performance and investigation	No cost	
Outdoor Education	\$300.00	Camps and excursions costs
Psychology	No cost	
Spanish	No cost	
Studio Arts	\$50.00	High quality materials including paper, etching and printing supplies
Visual Communication	\$50.00	Drafting equipment & modelling supplies

Elective Charges

YEAR 10 ACCELERATED STUDY

At CDSC, we seek to make university an achievable goal for our students. Students undertaking a standard Year 10 course have the option to choose a Year 11 subject (VCE Unit 1 & 2), kick-starting their VCE studies, with the aim to finish as a Year 12 subject when they complete Year 11 in 2020. This provides the opportunity for these students to study an extra Year 12 subject in an attempt to improve their overall VCE result. There are many benefits to accelerating students into VCE studies early, however it's important to recognise the need to balance these benefits with the potential "risks".

Some of the benefits to student VCE outcomes include:

- 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
- Experiencing a high degree of change (the pace of the study, the rigorous requirements and meeting non-negotiable deadlines)
- The experience of SACs (School Assessed Coursework) and external examinations

Potential risks to Accelerated Study include:

- Students having insufficient maturity for the intellectual demands of a VCE course
- Not being emotionally ready for the stressors and pressure of VCE
- Putting too much emphasis on the VCE study to the detriment of their Year 10 course (or Year 11 subjects when completing Unit 3/4)
- Achieving a lower score compared with if the subject was undertaken after an additional year of learning and experience (this may defeat the purpose of accelerating)

Year 10 Accelerated Study is accompanied by a huge commitment and an increased workload for students, therefore it is only recommended to students who meet specific criteria. Ultimately, students will be learning 12 months ahead of the expected Year 10 level so students must be able to indicate how the Year 10 Accelerated Study will benefit their intended pathway. This will be discussed during the Course Selection Interviews and an application form must be submitted during these interviews.

Decisions about Accelerated Study will be dependent on strong academic results indicated by:

- Year 9 NAPLAN
- Year 10 PAT assessment
- Formal CDSC Reports
- Subject-specific teacher recommendation
- A history of positive and mature learning behaviours (i.e. organisation, independent learning, homework routine)
- Appropriateness of the subject to intended career pathway

Students that are considering VET (Vocational Education Training) subjects are discouraged from undertaking Accelerated VCE Study.

Students completing Accelerated Study must enroll in a new Unit 3/4 subject in Year 12 as a 6th Year 12 subject.

CORE SUBJECTS

SEMESTER 1

SEMESTER 2

ENGLISH

Core OR Advanced
9 periods per fortnight

ENGLISH

Core OR Advanced
9 periods per fortnight

MATHS

Core OR Advanced
9 periods per fortnight

MATHS

Core OR Advanced
9 periods per fortnight

SCIENCE

General Science
OR Biology and Environment
OR Physics and Chemistry
8 periods per fortnight

HUMANITIES

8 periods per fortnight

PHYSICAL EDUCATION

4 periods per fortnight

PHYSICAL EDUCATION

4 periods per fortnight

HEALTH

2 periods per fortnight

HEALTH

2 periods per fortnight

PASTORAL CARE

2 periods per fortnight

PASTORAL CARE

2 periods per fortnight

ELECTIVE SUBJECTS

SEMESTER 1

SEMESTER 2

ELECTIVE 1

8 periods per fortnight

ELECTIVE 2

8 periods per fortnight

ELECTIVE 3

8 periods per fortnight

ELECTIVE 4

8 periods per fortnight

YEAR 10 APPLIED LEARNING PATHWAY

CDSC is proud to introduce a new opportunity for Year 10 students in 2019 called the Year 10 Applied Learning Pathway. This is a unique alternate program for students entering Year 10 to engage in applied learning which will be practical in nature and provide an opportunity to begin vocational studies.

The Applied Learning Pathway has been particularly created to cater for students wishing to engage in a VCAL pathway in Year 11 and 12, however delivers literacy and numeracy components necessary for students to also transition to a VCE pathway.

There are four core subjects that all Applied Learning Pathway students complete together:

- 1) **Applied Literacy** – Students will study selected texts that will link to the context of applied learning. This class with support communication techniques, written and reading styles.
- 2) **Applied Numeracy** – Students will study applied numeracy to support their interests in the area of trades and everyday mathematics using a variety of tasks and activities.
- 3) **Work Related Skills** – A program developed to support students thinking about what makes an effective worker. Students will complete hands-on projects they will complete throughout the year.
- 4) **Personal Development Skills** – A program to support students to develop in the area of personal skills such as:
 - Social responsibility
 - Civic and civil responsibility
 - Improved self-confidence and self-esteem
 - The development of self
 - Valuing civic participation in a democratic society
 - Building Community

For the Year 10 Applied Learning Pathway, students have two vocational options from which to choose. These are the Parks and Gardens SBAT or Kitchen Operations VET. Both of these provide fully recognized qualifications and are conducted on-site.

A sample timetable is shown below.

	MonA	TueA	WedA	ThurA	FriA
Period 1	Applied English	Elective 1	SBAT or VET	Elective 2	SBAT or Work Placement
Period 2	Pastoral	Elective 1		Elective 2	
Recess					
Period 3	Elective 1	Applied Maths		Personal Development Skills	
Period 4	Elective 2	Applied English		Personal Development Skills	
Lunch					
Period 5	Applied Maths	Work Related Skills		Work Related Skills	

	MonB	TueB	WedB	ThurB	FriB
Period 1	Personal Development Skills	Elective 1	SBAT or VET	Applied English	SBAT or Work Placement
Period 2	Pastoral	Applied Maths		Applied English	
Recess					
Period 3	Applied Maths	Applied Maths		Elective 2	
Period 4	Applied English	Applied English		Elective 1	
Lunch					
Period 5	Work Related Skills	Personal Development Skills		Applied Maths	

Year 10 Applied Learning Pathway

Parks and Gardens SBAT

For several years Carrum Downs Secondary College has successfully provided students with access to the SBAT in Certificate II in Parks and Gardens on campus.

This course has been specifically designed to provide an introduction to the overall skills and knowledge required to undertake a career working in a Parks and Gardens setting. The parks and gardens industry expects this qualification to be achieved to meet job outcomes at this level.

In February 2019, students enrolled in the Year 10 Applied Learning Pathway will commence employment as Certificate II Trainees in Parks and Gardens; the work/training days at Carrum Downs Secondary College will be on the Wednesday and Friday of each week. Each day, will have both a 3.5 hour work component and a 3.0 hour Training Component.

In order to successfully undertake the qualification candidates need to possess English language and literacy competence that will enable them to provide clear information, ask questions, listen to and understand instructions and communicate effectively with others.

Pathways:

Employment in roles such as Assistant Gardener or Grounds person.

Upon successful completion, further training pathways may include Certificate III in Parks and Gardens or Certificate III in Horticulture. Participants assessed as competent in all units receive a Nationally recognised qualification.

Kitchen Operations VET

Kitchen Operations is an introductory course that prepares students with a range of cooking and food preparation skills while introducing them to OH&S requirements in the workplace.

Throughout the course students will learn how to follow hygiene procedures, present and prepare simple dishes and take part in creating a restaurant service here at school.

Assessments are both practical and theory focused. Practical assessments occurring in the kitchen and restaurant settings and theory assessments consisting of both written and online assignments.

Kitchen Operations is delivered 1 day a week in our kitchen facilities with students undertaking work placement in industry to apply the skills they are acquiring.

On completion students will receive a Certificate II in Kitchen Operations.

Pathways:

This certificate can lead to other qualifications including CERT III & IV in Hospitality and can be used to source employment in the Hospitality industry.

CORE SUBJECTS

Applied Literacy

Applied Numeracy

Work Related Skills

Personal Development

ELECTIVE SUBJECTS

**SEMESTER 1
Elective Options**

2 Electives

**SEMESTER 2
Elective Options**

2 Electives

Parks + Gardens SBAT

OR

VET Kitchen Operations

Year 10 Applied Learning Pathway

YEAR 10 SUBJECTS 2019		
Learning Area	<i>Year 10</i>	<i>Year 10 Applied Learning Pathway</i>
English / LOTE	<ul style="list-style-type: none"> • Core English <u>or</u> Advanced English • English Literature • Spanish 	<ul style="list-style-type: none"> • Applied Literacy
Mathematics	<ul style="list-style-type: none"> • Core Mathematics <u>or</u> Advanced Mathematics 	<ul style="list-style-type: none"> • Applied Numeracy
Humanities	<ul style="list-style-type: none"> • Humanities • History's Mysteries • Legal Studies • Global Projects – Geography • Economics • VCE Business Management • VCE Legal Studies 	<ul style="list-style-type: none"> • Work Related Skills • Personal Development Skills • History's Mysteries • Legal Studies • Global Projects – Geography • Economics
Science	<ul style="list-style-type: none"> • General Science <u>or</u> • Chemistry & Physics <u>and / or</u> • Biology and Environmental Science • Psychology • VCE Biology 1 & 2 • VCE Psychology 1 & 2 	<ul style="list-style-type: none"> • Psychology
Health and Physical Education	<ul style="list-style-type: none"> • Health • Physical Education • Outdoor Education • Health & Human Development • Advanced PE • VCE Health and Human Development 	<ul style="list-style-type: none"> • Outdoor Education • Health & Human Development • Advanced PE
The Arts	<ul style="list-style-type: none"> • Drama • Media Film & Photography • Music Performance & Investigation • Studio Arts • Visual Communication Design 	<ul style="list-style-type: none"> • Drama • Media Film & Photography • Music Performance & Investigation • Studio Arts • Visual Communication Design
Technology	<ul style="list-style-type: none"> • Design, Creativity & Technology - Wood • Food Technology • Computing (ICT) • Robotics • Multimedia • Café 	<ul style="list-style-type: none"> • Design, Creativity & Technology - Wood • Food Technology • Computing (ICT) • Robotics • Multimedia • Café
Vocational Training	None Offered	<ul style="list-style-type: none"> • VET Kitchen Operations <u>or</u> • Parks & Gardens SBAT

*Subjects in **bold** denote compulsory subjects

<p style="text-align: center;"><i>Subject Summary-</i> <u>ENGLISH</u></p> <ul style="list-style-type: none"> • English • Advance English • English Literature 	<p style="text-align: center;"><i>Subject Summary-</i> <u>MATHEMATICS</u></p> <ul style="list-style-type: none"> • Mathematics • Advanced Mathematics 	<p style="text-align: center;"><i>Subject Summary-</i> <u>LOTE</u></p> <ul style="list-style-type: none"> • Spanish 	ENGLISH / MATHEMATICS / LOTE
<p>English Units studied may include:</p> <ul style="list-style-type: none"> • Short Stories • Close study of Text • The Writer’s Craft • Poetry • Shakespeare • Media/Multimodal <p>Advanced English Units studied may include:</p> <ul style="list-style-type: none"> • Writer’s Workshop • Poetry • Language Analysis • Close Study of Text • The Writer’s Craft; Shakespeare • Text Analysis • Speech Analysis and Delivery • Comparative Text. <p>English Literature Units studied may include:</p> <ul style="list-style-type: none"> • Context and Connections • Ideas and Concerns in Text • Form and Transformation • Reading Practices and Approaches to Literature 	<p>Mathematics Units studied may include:</p> <ul style="list-style-type: none"> • Trigonometry • Consumer Maths • Linear Algebra • Measurement • Geometry • Probability • Statistics <p>Advanced Mathematics Units studied may include:</p> <ul style="list-style-type: none"> • Linear Relations • Graphing Parabolas • Surds and Indices • Quadratic Equation • Statistics • Financial Maths • Matrices 	<p>Spanish Units studies may include:</p> <ul style="list-style-type: none"> • Culture and communication skills • Connections between language and cultural expressions • Spanish poetry • Literature and films • Conversations with our sister school in Spain 	

Subject Summary-

HUMANITIES

- Humanities (core)
- Global Projects – Geography
- Legal Studies
- History’s Mysteries
- Economics

Humanities

- 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
- Geography of Interconnection
- Geography of Human Well Being
- Biomes and Food Security
- Environmental Change and Management

Legal Studies

- Political Parties
- Criminal Law and the Court System
- Civil Law and the Court System
- The Constitution and the High Court
- Citizenship in Australia
- Young People and the Law
- Role of Government

Global Projects – Geography

- The United Nations Development Goals
- Applying the UN Development Goals to global projects through case studies, role plays, and field work both virtual and physical.
- Conservation project linked to the United Nations Sustainability Goals
- Field work

History’s Mysteries

- Assassination of JFK
- The Bermuda Triangle
- The Illuminati
- The Zodiac Killer
- Anastasia Romanov
- Jack the Ripper
- Nostradamus
- The Moon Landing
- Crop Circles
- Witch Trials
- Cryptids
- Ancient Buildings

Economics

- Introduction to Economics
- Resources
- Production
- Consumer Behaviour
- Consumption
- Incentives
- Price setting
- Market power

HUMANITIES

YEAR 11 ACCELERATED

- VCE Business Management
- VCE Legal Studies

Subject Summary-

SCIENCE

- General Science (Core)
- Biology and Environmental Science (Core/Elective)
- Chemistry and Physics (Core/Elective)
- Psychology

General Science

Units studied may include:

- What is everything in the universe made of?
- Why is climate changing (and why should we care)?
- How do we use energy to maintain our lifestyle?
- What makes you the way you are?
- Could life exist elsewhere in the universe?

Biology & Environmental Sciences

Units studied may include:

- Cells and Genetics
- Food webs
- Environmental Processes
- Environmental Biology

Chemistry and Physics

Units studied may include:

- Speed/Acceleration
- Newton's Laws
- Light and Space
- Chemical Patterns
- Chemical Reactions

Psychology

Units studied may include:

- What is Psychology?
- Research methods in psychology
- The Brain
- Human Development
- Mental health
- Vision and perception
- Sports psychology
- Greatest hits and misses and Mighty ducks

SCIENCE

YEAR 11 ACCELERATED

- VCE Biology
- VCE Psychology

Subject Summary-
HEALTH &
PHYSICAL EDUCATION

- Physical Education (Core)
- Health (Core)
- Advanced Physical Education
- Health & Human Development
- Outdoor Education

Physical Education

Units studied may include:

- Fitness testing and performance analysis
- Invasion games
- Ball sports and skill acquisition
- Striking and fielding sports and skill acquisition

Health

Units studied may include:

- Respectful Relationships
- Sexual Health
- Exercise Programming
- Health Promotion
- Anatomy

Advanced Physical Education

Units studied may include:

- Science in Sport
- Body Systems and Exercise
- Skill Acquisition
- Recreational Studies

Health & Human Development

Units studied may include:

- Dimensions of Health
- Nutrition
- Sexual Health
- Youth Issues

Outdoor Education

Units studied may include:

- Team Building
- Motivations for Outdoor Experiences
- Understanding Outdoor Education
- Responses to Outdoor Education

YEAR 11 ACCELERATED

- VCE Health and Human Development

HEALTH & PHYSICAL EDUCATION

Subject Summary-

THE ARTS

- Studio Arts
- Media
- Music Performance & Investigation
- Drama
- Visual Communication and Design

Subject Summary-

TECHNOLOGIES

- Design, Creativity & Technology – Wood
- Food Technology
- Computing (ICT)
- Robotics
- Multimedia
- Café

Studio Arts

Units studied may include:

- Materials Techniques
- Processes Influences
- Meanings
- Culture and Style

Music Performance & Investigation

Units studied may include:

- Group and Solo Performance
- Music Theory
- Music History

Drama

Units studied may include:

- Theatre Performance Styles
- Suitcase Series Performance
- Monologue Performance

Media Film & Photography

Units studied may include:

- Narrative Film Study
- Film or Photoshop Production
- Representation of Culture in Film

Visual Communication and Design

Units studied may include:

- Visual Analysis – Design Elements
- Technical Drawing
- Complete Projects on Illustrated word
- Logo Design and Architecture

Design, Creativity & Technology (Wood) – elective

Units studied may include:

- Making a coffee table
- Slot together furniture
- Design for 3D printing

Food Technology

Units studied may include:

- Occupational Health & Safety Food Preservation
- Sensory Properties Healthy Eating
- Ethical Foods

Computing

Units studied may include:

- PC Hardware/Software OS
- Networked Digital Systems
- Database and Programming

Robotics

Units studied may include:

- Programming and coding for design
- Virtual Robot Programming
- Robot Design Actions

Multimedia

Units studied may include:

- Adobe InDesign for Interactive Engagement
- Adobe Flash
- HTML and CSS Basics

Café

Units studied may include:

- Coffee making
- Customer service
- Food preparation

THE ARTS & TECHNOLOGIES