Victoria University Secondary College

victoria university secondary college

Create The Future

Year 10 Handbook 2023

Create The Future

Contents

Welcome

Welcome to Year 10! A team of dedicated teachers and support staff will be working and planning together to support you to aspire to achieve throughout the year.

This handbook contains all the information that students and their parents need to know about the Year 10 learning program at Victoria University Secondary College. We have structured the Year 10 curriculum to provide opportunities for students to pursue their interests and strengths such as focusing on real-world learning and workplace connections whilst also ensuring that students are exposed to a broad range of experiences as they begin to make important decisions about their future pathways. All subjects in 2023 will include an incursion, excursion or guest speaker that provides clarity around how learning connects to the real world. We believe that as students mature, they are more engaged when they start to focus their education on the areas they need for future pathways or the areas that interest them. At VUSC we also focus on student agency and choice through a new Inquiry subject that builds connections to transferrable skills which are required in the modern workplace. However, we also know that young people change over time, so we encourage Year 10 students to keep open a variety of pathways.

If students or parents require further information regarding pathways they should contact the Careers Team, Home Group teachers or the Year 10 Coordinator

Elaine Hazim
College Principal

Course Information

Core Subjects

All students in Year 10 will study English, Maths and Science for up to 3 periods per week. Maths, English and Science remain core subjects at Year 10 to support students' ongoing development of the literacy, numeracy and science skills that are integral as they continue into their Later Years education. Students will have the opportunity to choose the type of maths and science they would like to complete (see page 10-12 for details). EAL students will complete an additional 3 periods of VCE Bridging English as an Additional Language. All Year 10 students will complete 2 periods per week of the compulsory subject Inquiry or AVID.

The College also offers the option of our Advanced Applied Learning Pathway to Year 10 students who are interested in hands on and applied learning. The subjects will be designed for students who are interested in pathways such as VCE Vocational Major, apprenticeships and getting into the workplace. These students study literacy and numeracy courses tailored to their pathways and interests.

Inquiry

In 2022 VUSC extended our Inquiry program to our Year 10 cohort. In Year 10, Inquiry will focus on building on the connections between classroom learning and real-world learning. Students will have opportunities to engage directly with workplaces and partake in projects that allow them to build transferable skills that are essential for ensuring success in our changing work landscape.

English as an Additional Language

At Year 10, EAL students will develop their English language skills through an additional three periods of English as an Additional Language. This unit will complement the English curriculum and provide students with intensive support to allow them to acquire the language skills (speaking, listening, reading, viewing and writing) necessary for senior studies.

AVID (Advancement via Individual Determination)

The Year 10 AVID program will align closely with the new Year 10 Inquiry subject, with a strong emphasis on developing students' critical thinking, reading and writing skills in preparation for VCE. To support students to access rigorous content, students will participate in tutorials in which they will collaboratively resolve questions from their academic subjects through the inquiry process. They will have regular organisational checks to support them in maintaining a high level of organisation.

Elective Program

Students will have access to electives within the following learning areas: Arts/Technology, Health and Physical Education, Humanities and Science. These electives have been designed to prepare students with the skills and knowledge required for future learning vin both VCE and VCE Vocational Major subjects.

Students in Year 10 will begin to specialise their learning program with options including Deep Learning, Applied Learning, Vocational Education and Training (VET) and VCE acceleration. The number of electives a student will take is dependent on their chosen Year 10 program and students will be guided through this process in the lead-up to course counselling.

See Page 9 for elective options.

Course Counselling

All Year 9 students will participate in course counselling with an allocated course counsellor who will support students in their selection of Year 10 elective subjects. Parents and students will receive further information regarding their course counselling appointment.

Course selection will be informed by students' Career Action Plan. Students who have completed the Morrisby Profile may also use this information to inform their selections.

Costs for some Elective Programs

Parents and students should be aware that some of the electives will require payment of an extra levy to cover the cost of materials, excursions etc. Where subject costs are above the standard subject cost (as paid through the booklist), they have been indicated in this handbook.

Explanation of Costs

50% payment (for those electives that incur a cost) is due. If the deposit is not received at this time, the students will be required to select another elective. The balance of the payment is due on confirmation of elective choices. A letter will be provided to advise parents and students of the date for final payment. Full payment must be made to secure the student's place in the elective unless a payment plan has been arranged with the Business Manager.

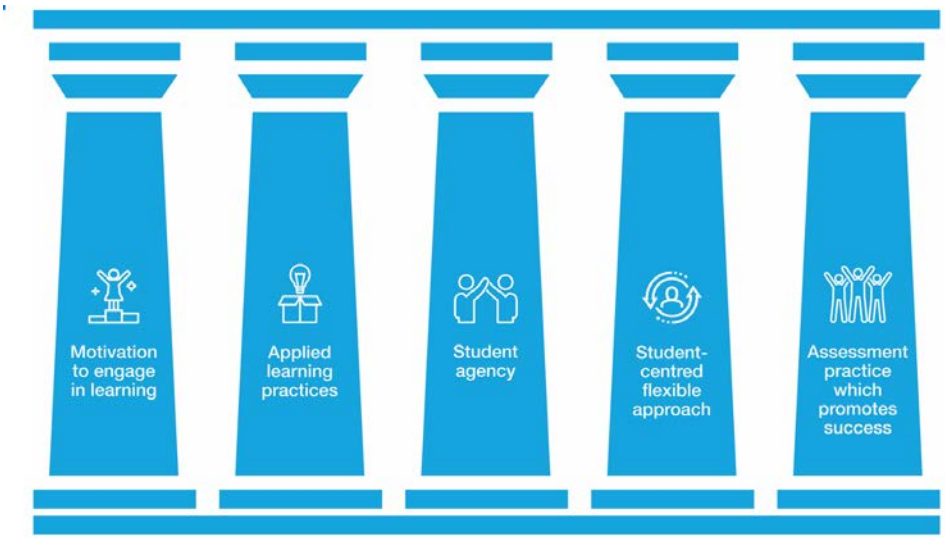
Specialised Pathways

Vocational and Applied Learning Pathways

Advanced Applied Learning Pathway

The year 10 Advanced Applied Pathway's course is specifically designed for our year 10 students who have an interest in hands on work and job skills. The subjects will be designed for students who are interested in a vocational pathway.

5 Pillars of Applied Learning



Structure of the Program

- English A
- Maths A
- Certificate 1 Employment Pathways
- Business Management and Accounting
- Electives (2 per semester - includes BMA)
- Work Experience
- Students in Advanced Applied Learning will have priority access into Woodwork if they choose this as an elective

Students will need to maintain the College's 90% attendance requirement for all subjects, as well as their chosen VET course.

Benefits of Program:

- Prepare students for life and will equip students with the skills to become more active, responsible and engaged citizens
- Will enable senior secondary students to develop the necessary vocational knowledge and skills, capabilities and qualities to support their post school transition into further education, the workplace or an apprenticeship/traineeship and
- Students will be exposed to early and ongoing career exploration to build awareness of understanding career choices and to ground their job and workplace expectations

Prospective students must:

- Want to be part of an approach that informs them of the pathways options available to them and enhances the relevance of these options,
- Be prepared to work hard,
- Go through an interview process once they have expressed interest in joining the program.

How to apply for the Advance Applied Learning Pathway

Students who want to apply for the Advanced Applied Learning Pathway will need to complete an application form at course counselling and submit it to the front office by the due date.

VET Certificate 1 Employment Pathways

The Certificate 1 Employment Pathways course provides students with a focus on work options and pathways to further specific vocational education and training. The purpose of this course is to enable learners to develop skills and knowledge to improve their employability and work readiness.

The purpose of the VET Employment Pathways course is to develop knowledge, skills and attributes towards the following:

- Develop personal effectiveness
- Interact effectively with others at work
- Organise and complete daily work activities
- Use strategies to identify job opportunities
- Develop an action plan for career planning
- Prepare for employment and
- Contribute to health and safety of self and others.
- Use Business Technology

Vocational Education and Training (VET) Subjects

Year 10 students will have an opportunity to access the Certfificate I Employment Pathways course. Please see Page 18 for a description of this VET subjects. All students in the Advanced Applied Learning Pathway Program will gain automatic enrolment into this course.

Academic Extension and Acceleration Pathways

At VUSC, the Year 10 curriculum is focused on providing an adaptable curriculum to meet students' needs. During this year, some students are ready to specialise in their learning and develop their knowledge and skills in specific subjects in greater depth.

Deep Learning Pathway

The Deep Learning Pathway allows students who are ready for increased complexity in specific subjects to access a greater level of challenge. Students can specialise in one of the following pathways:

- English and Humanities, taking an extension English class, Literature, and 12 months of their chosen Humanities, either History (Years 9 & 10) or Economics & Legal Studies (Years 9 & 10).
- Mathematics and Sciences, being part of an extension Mathematics class and completing a VCE STEM subject.
- Performing Arts, being part a music and Drama program, in which they will complete a student-led theatrical and musical performance. To enroll in music, students must have at least two years of music training at the college (or equivalent).

Some students are able to specialise in two areas.*

Students in Year 10 are able to take advanced placement in a Unit 1 & 2 VCE subject. These students may also take Introduction to Extended Investigation, which is an inquiry-based learning unit where students are able to pursue academic research in a field of their interest.

Students who wish to apply for the Deep Learning Pathway need to ask for an application form at the office and submit this form prior to Course Counselling Day.

Student who take Band are unable to specialise in all areas.

VCE Subjects

High achieving students will have an opportunity to apply to accelerate into 1-2 VCE subjects or more, by special arrangement. Accelerated entry into subjects will be based on the student's academic record and recommendations made by subject teachers. These students will complete Unit 1 and 2 during Year 10. Students will need to complete an application form for acceleration as well as their Year 10 Elective Selection form.

Selection Process

Students will receive detailed information about the subject selection process for their chosen Year 10 program at a Course Counselling Preparation Session prior to Course Counselling.

Elective subjects offered at Year 10

Arts
- Concert Band
- Music Performance
- Drama
- Studio Arts
- Media
- Visual Communication and Design

Extended Investigation
- Introduction to Extended Investigation

English
- Literature
- Unlocking Literacy

Health and Physical Education
- Health
- Physical Education
- Sport Science
- Sport Leadership and Coaching

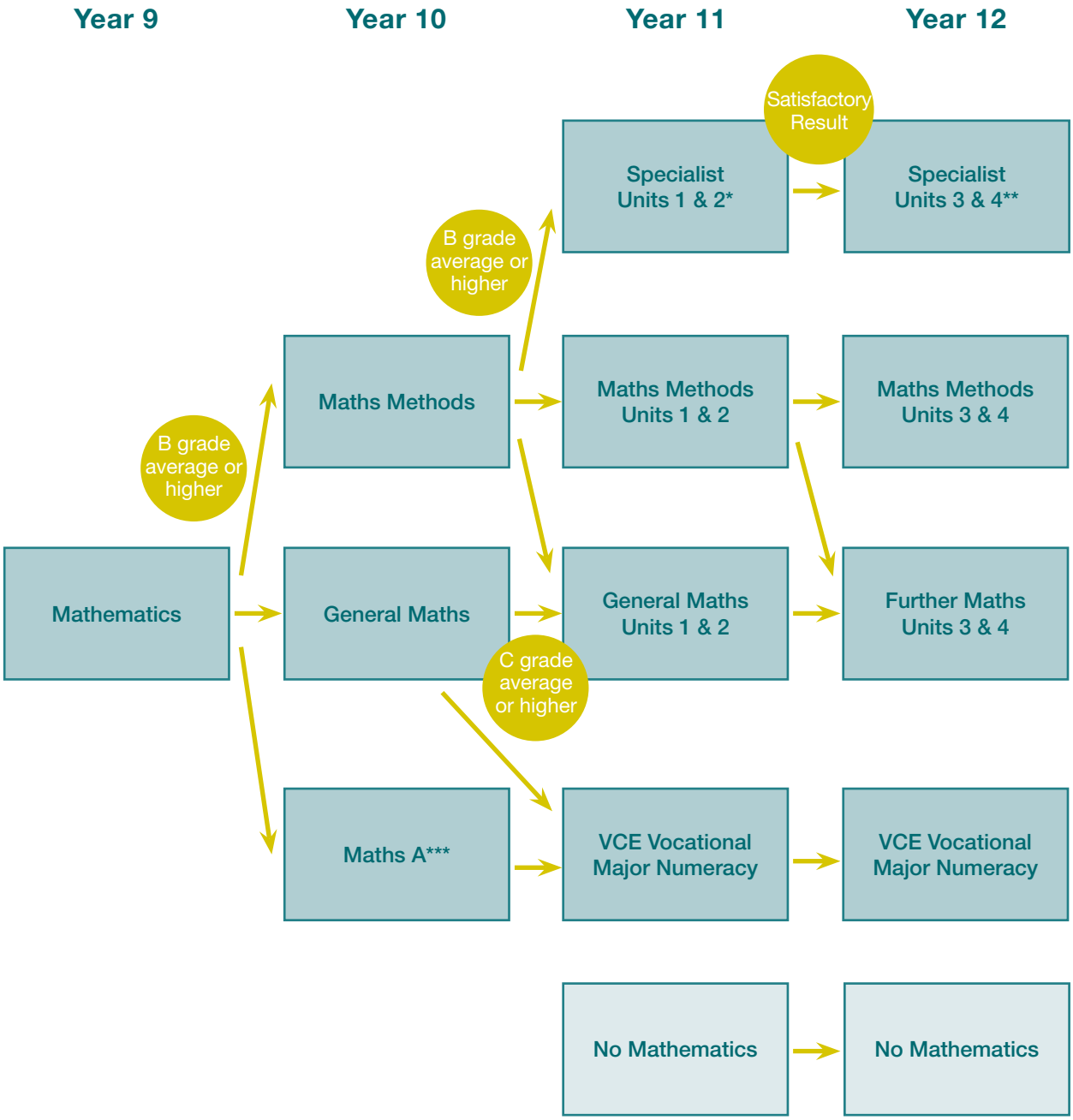
Humanities
- Business Management and Accounting
- Economics and Legal Studies
- Geography
- History
- Philosophy

Languages
- Chinese

Science
- General Science 1
- General Science 2
- Biology
- Chemistry
- Environmental Science
- Physics
- Psychology

Technology
- Computing - Data Analysis
- Computing - Software Development Computing
- Food Technology
- Woodwork

Mathematics Course Selection Flowchart



* To do Specialist Mathematics Units 1 and 2 students must also do Mathematical Methods Units 1 and 2

** To do Specialist Mathematics Units 3 and 4 students must also do Mathematical Methods Units 3 and 4

*** Maths A is only offered to students in Advanced Applied Learning

Core Maths Subjects

Students must choose one of the mathematics subjects listed below which runs for the full year. Students will also be recommended into a mathematics subject by their Year 9 Mathematics teacher. Students should note that Year 10 Mathematical Methods is a requirement for the following

VCE Subjects: Mathematical Methods, Specialist Mathematics, Physics and Chemistry.

General Mathematics

Year 10 General Mathematics is designed to prepare students seeking to study General Mathematics in Year 11 (Units 1 and 2) and General Mathematics in Year 12 (Units 3 and 4). The topics covered during Year 10 include Money and Financial Mathematics, Linear Relationships, Surface Area and Volume of Prisms and pyramids, Applying Pythagoras' theorem to two and three dimensional figures, Trigonometry, Geometric reasoning, Patterns, Data Analysis, Algebra and Probability.

Mathematical Methods

Year 10 Mathematical Methods is designed to prepare students seeking to study Mathematical Methods in Year 11 (Units 1 and 2) and Mathematical Methods at Year 12 (Units 3 and 4). Students seeking to study Specialist Mathematics at Year 11 (Units 1 and 2) and Specialist Mathematics at Year 12 (Units 3 and 4) would be required to select Mathematical Methods at Years 10, 11 and 12. The topics covered during Year 10 Methods include all the subjects in General Mathematics but will involve greater depth and challenge. Additional topics include non–linear relationships as well as substantial algebraic modelling. Trigonometry will be extended to look at the graphs of circular functions.

Maths A

Students completing the Advanced Applied Learning Course study Maths A.

This course is designed to use mathematics in practical contexts encountered in everyday life in the community, at work and at study.

The areas of study for Semester 1 and 2 are Space, shape and design, Patterns and Number, Data and Measurement.

All four areas of study are to be completed over the two semesters.

Space, shape and design cover the properties of lines and curves, and shapes and objects, and the use of plans, maps, models and diagrams. Pattern and Number cover estimation, the use and application of integers, decimals, fractions, percentages to solve problems, and the use of formulas. Data covers collection, presentation and analysis of gathered data. Measurement covers the use and application of the metric system and measures and interpretation and use of time, schedules, timetables and time zones.

Core Science Subjects

Students must choose a minimum of <u>two</u> of the following semester based science subjects. Students also have the opportunity to choose any of the science based subjects as an additional elective.

General Science 1

Students will be introduced to basic biology, such as cells, including organelles and functions, which leads into basic genetics. Students will understand how genes correspond to traits. Students will work in chemistry with the Periodic Table, and from there study electron configuration and the formation of ions. They will also write basic ionic chemical equations.

General Science 2

Students will explore materials and how they are used in structures. Students will also understand the scientific theories relating to the origins of the universe, including the observations and discoveries from outer space. Students will also examine global systems, including the cycling of resources in the biosphere, the changes and patterns observed in climates and the impact of humans on earth over time.

Biology

Students understand that the transmission of heritable characteristics from one generation to the next involves DNA and genes. The theory of evolution by natural selection explains the diversity of living things and is supported by a range of scientific evidence.

Chemistry

Students analyse how models and theories have developed over time and predict how applications of science and technology affect people's lives. They explain how similarities in the chemical behaviour of elements and their compounds and their atomic structures are represented in the way the periodic table has been constructed. They use atomic symbols and balanced chemical equations to summarise chemical reactions, including neutralisation and combustion. Students know different types of chemical reactions are used to produce a range of products and can occur at different rates. They will be introduced to the mole concept to form an understanding towards quantifying atoms, molecules, and ions. Students will be introduced to molecular weight and percentage abundance to further enhance the understanding and preparation towards VCE Chemistry.

Environmental Science

Students will analyse species that is under human and non-human threat and analysis the effect and impact of the loss of biodiversity using primary and secondary data. For assessment students will provide recommendations on a species to prevent its loss using evidence-based interventions.

In the latter half of the subject, students will be introduced to the principles of sustainability and how we can integrate these principles in societal development. Environmental Science will eventually lead onto VCE Environmental Science.

Physics

Students understand the relationship between forces, matter and movement. They also understand the relationships between the various forms of energy. Students will construct a basic electronic circuit and develop an understanding of electronic componentry. They will also learn how a sound wave is created and transmits energy.

Psychology

This unit of study is designed to introduce students to psychological principles and theories in preparation for VCE Psychology. Students investigate Psychology as a science and undertake their own research and scientific reporting. Students explore the field of Clinical Psychology with a focus on the diagnosis and treatment of mental disorders and neurological structure including how our brains and nervous system function.

Electives

Arts

Students must choose at least one Arts or Technology elective.

Concert Band

This is a way for students to continue their Concert Band learning and take what they have achieved at the Junior Campus through to their senior years. Students will use the concert band instrument of their choice to develop a deep understanding of music theory and performance, preparing them for all facets of VCE Music. They will apply advanced musicianship skills including rhythm, melody, harmony, aural recognition and transcription to perform, improvise and compose solo and ensemble pieces. Students will have several opportunities throughout the year to showcase their developing musical skills at events such as the Senior Soiree, Presentation Night, as well as school and community performances. It is recommended that students have been through the Concert band program from years 7-9 (or equivalent) before taking this subject.

An additional fee to cover the cost of materials, excursions, etc, may apply for students choosing this elective.

Music Performance

Students develop a wide range of musical appreciation skills, through practical music application, theoretical knowledge and performance skills. Students will apply advanced musicianship skills including rhythm, melody, harmony, aural recognition and transcription to perform, improvise and compose solo and ensemble pieces. Students will have several opportunities throughout the year to showcase their developing musical skills at events such as the Senior Soiree, Presentation Night, as well as school and community performances. Students do not have to have any prior musical experience for this subject.

Drama

Drama at Year 10 explores the different theatrical performance styles within naturalistic and non-naturalistic theatre. Using stimulus material and knowledge of performance styles, students will devise, create and perform original ensemble (group) performances non-naturalistically. Students are expected to attend a theatre performance excursion as part of a performance analysis, attend VCE Drama performances, and are encouraged to gain experience within the annual school production. Year 10 Drama lays down the foundation of what is to be expected at a VCE Drama level.

Studio Arts

Students use a variety of media in the production of art works and use ICT (Photoshop) to produce a studio process folio and one finished artwork. Students explore art elements and principles through colour theory, application of wet and dry media and experimentation in painting and drawing. Students learn visual language and utilise art terminology in their written theory tasks. Theory tasks include a written research project, class discussions, oral presentations and visits to exhibitions. Students study artists from different cultures and historical periods, analyse artworks in different contexts and exhibition spaces.

Media

Students will understand the relationship between themselves, society and the media. This course will have theoretical and practical components. They will explore the concept of film genre and the conventions of cinema within these classifications. Students will explore how the media uses sound and image to convey meaning. Students will also explore how advertising uses the media to persuade and influence our lives.

The semester will finish with a look at the nature of Social Media and new media technology. The subject will also include an introduction to Media ICT. It is to be noted that the course is not geared toward Multimedia.

Visual Communication and Design

Visual Communication Design (VCD) is an exciting and growing industry which includes the three areas of Visual, Industrial and Environmental design. This subject will give you an introduction to the 'Design Process' and creative, critical and reflective design thinking techniques. You will learn creative and technical drawing skills including 2D and 3D digital and manual techniques. You will design to a brief for specific target audiences and be required to produce a visual diary and a set of completed major tasks.

Employment pathways include: graphic design, app design, illustration, games design, web design, typography, animation, advertising, UX design, service design, wayfinding, and landscape design among others.

Extended Investigation

Introduction to Extended Investigation

This subject is designed to prepare students for VCE Extended investigation (Unit 3 and 4). Students develop an understanding of what constitutes the research process. They develop their critical thinking skills by learning about logic, reasoning, and argumentation within the context of research. Students then conduct a literature review in a field of interest, design a research question, and use appropriate methods of inquiry to investigate their question. They document their process in an Extended Investigation Journal and critically evaluate their research method and findings. Students present their research in the form of a written report. They then defend their research in front of a non-specialist, educated audience in the form of an oral presentation and question-answer session.

This subject will run for the full year and so counts as two semester electives. Students must have a recommendation from their English teacher. A, B+ average in English is required for this subject

English

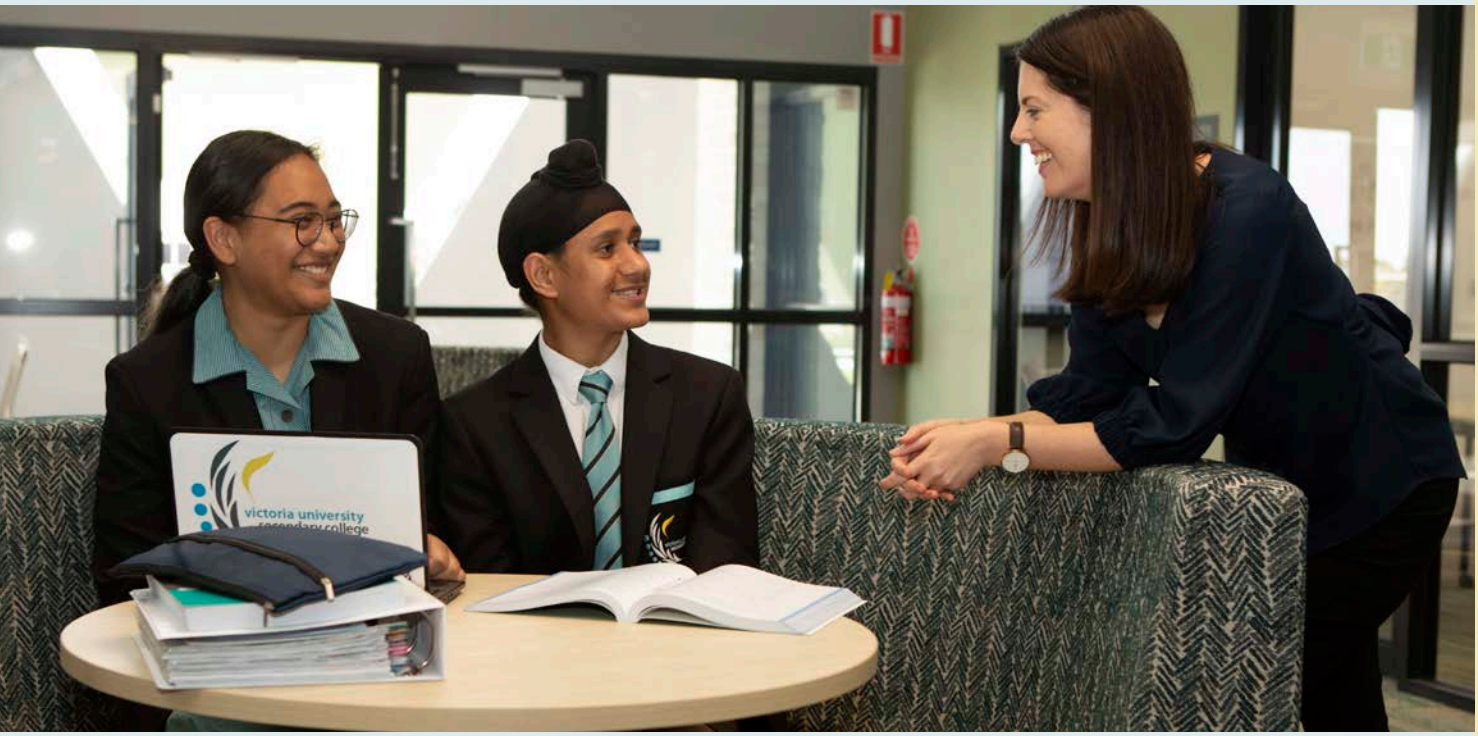
Literature

In Year 10, Literature is a year long elective unit which students may choose to study. As part of the Deep Learning program, students who were selected into the Year 9 Literature class should definitely consider enrolling in this elective. Other students with a strong interest in reading literature and writing should also consider the course.

Students will develop an enjoyment of literature through reading widely, imaginatively, critically and independently. Students will be able to read closely, understand key literary devices, views and values in texts and have an awareness of how aspects of different times, cultures and human experiences are represented in literature. Students will be exposed to creative and analytical writing with a focus to enhance these writing skills by drafting and exploring how to write in a variety of styles. Students will compare texts and understand how meaning is shaped by the form and altered through adaptations. In addition, they will develop a greater awareness of audience and language choices.

Unlocking Literacy

This unit is designed for students who are already achieving strong English results but who would like to extend their reading and writing skills in preparation for VCE. Students will learn to understand any challenges they are experiencing and develop strategies for success. Critical reading and writing strategies will be taught and students will also develop their vocabulary, skills in writing in different text types, drafting and editing. They will also participate in Socratic Seminars and debates to build confidence in articulating ideas and develop oral skills. Students will be able to apply strategies in their other academic subjects applying their newly acquired skills to improve their learning outcomes.



Health and Physical Education

Students must choose at least <u>one</u> Health and Physical Education elective.

Health

Students will understand and describe health, the dimensions of health and the interrelationship between the dimensions of health. They will use simple health data to identify the major causes of illness, injury and death in Australia. Students investigate personal behaviours and community actions that may contribute to the health of specific groups. Students investigate the work of government departments and non-government bodies in promoting and protecting the health of people. They identify the services provided through Medicare. Students examine the relationship between nutrition and stages of growth and development, and the eating practices associated with different stages in life. They learn to analyse the links between diet and current community health issues, and consider special dietary needs, and ways of improving their own diet. They research patterns of food consumption in Australia and investigate factors that influence food choice, such as changes in family life.

Physical Education

Students will complete both practical and theoretical classes. The topics covered include studying the cardiovascular, respiratory, muscular and skeletal systems as well as looking at the acute responses of the body when exercising. Students will as investigate different training methods and principles to give them the core knowledge to develop their own fitness program. Students will be expected to participate fully in all class activities. This subject is a preparatory subject for students wishing to do VCE or VET Physical Education subjects.

Sport Science

Students will complete both practical and theoretical classes. Students will undertake identification of biomechanical and skill-acquisition principles involved in the execution of manipulative and movement skills during complex activities; for example, transference of weight and use of feedback in an overhand throw. They will use practical activities to demonstrate biomechanical principles and how the correct application of biomechanics can lead to improved performance in sport and physical activity.

Students will investigate the role of energy systems in producing ATP and how this relates to different types of exercise. They will also understand the acute and chronic effects of exercise on the body systems. Students will explore nutrition for sport including nutrition for specific groups of individuals.

This subject is a preparatory subject for students wishing to do VCE or VET Physical Education subjects.

Sport Leadership and Coaching

This course is for sports enthusiasts and for students who want to make a difference to others through sporting participation. Students will work on the positive roles and responsibilities of a good coach, the importance of being a positive role model and will learn how to organise and coordinate a community fitness activity. They will also have to peer coach for non-instructional activities. The skills students develop in the first part of the course will then lead them into coaching a school team and/or organising a sporting activity. They second part of the unit will see students participate in conditioning methods used for sport. This will be practically based and requires students to complete fitness testing and experience different form of training. This subject is a preparatory subject for students wishing to do VCE or VET Sport and Recreation Certificate III course.

Humanities

Students must choose at least one Humanities elective.

Business Management and Accounting

Business Management examines the role and characteristics of entrepreneurs, the importance of corporate social responsibility, key business-related decisions such as whether to start a business from scratch or buy an existing business, and the types, advantages and disadvantages of different business structures (sole trader, partnership and company). In this unit, students apply this knowledge by analysing real and hypothetical cases. Accounting plays an integral role in the successful operation and management of a business. In this unit, students are introduced to source documents, cash journals, the statement of receipts and payments, and income statements. Students also learn the differences between revenue, expenses, assets and liabilities. .

Economics and Legal Studies

In Economics, students learn about how the economy works and the impact that this has on them personally and on their fellow citizens. Students also learn about the role that consumers, firms, government and the overseas sector play in the economy. In addition, students develop an understanding of how suppliers and consumers interact to set the prices at which products are produced and sold most efficiently. In Legal Studies, students learn about the fundamental principles of criminal law, as well as different types of criminal law, and they investigate real and hypothetical cases. Students also learn about the Commonwealth and Victorian parliaments and how parliament makes laws.

Geography

This course includes two components 'Environmental change and management' and 'Geographies of Human Wellbeing'. Students will learn about the causes and consequences of environmental changes such as deforestation, water pollution and climate change. They will compare examples from Australia and case studies of other countries. Students will apply criteria to evaluate responses to manage these changes. Students analyse the causes, consequences and responses to global differences in indicators of human wellbeing such as rates of population growth and access to natural resources. They will investigate different ways of mapping and measuring human development and wellbeing. Students will learn how to represent, and interpret, a range of geographical data including population pyramids and choropleth maps. Students will conduct fieldwork, during which they will collect and interpret primary data.

Year 10 Deep Learning History

Rationale

History is the practice of understanding and making meaning of the past. Students learn about their historical past, their shared history and the people, ideas and events that have created present societies. It builds a conceptual and historical framework within which students can develop an understanding of the issues of their own time and place. It develops the skills necessary to analyse visual, oral and written records. The study of history draws links between the social/political institutions and language of contemporary society and its history. It sets accounts of the past within the framework of the values and interests of that time.

In Deep Learning History the students will complete the Unit 1 and 2 curriculum of Ancient History so they develop the skills to complete the Year 11 and 12 VCE History units successfully. Unit 1 concentrates on Ancient Mesopotamia and Unit 2 concentrates on Ancient Egypt.

Ancient Mesopotamia

In this unit students investigate the emergence of early societies in Ancient Mesopotamia. The lands between the rivers Tigris and the Euphrates have been described as the 'cradle of civilisation'. Although this view is now contested in ancient history and archaeology, the study of Ancient Mesopotamia provides important insights about the growth of cities and the development of civilisations. Students investigate the creation of city-states and empires. They examine the invention of writing – a pivotal development in human history. Students develop their understanding of the importance of primary sources (the material record and written sources) to inquire about the origins of civilisation.

Ancient Egypt

In this unit students investigate features of the Old Kingdom Egypt and the representation of power in Middle Kingdom Egypt and the Second Intermediate Period. They analyse the conditions that gave rise to a civilisation that endured for approximately three thousand years. Unlike Mesopotamia, Egypt was not threatened by its neighbours for the greater part of its history. The Nile served as the lifeblood of urban settlements in Upper and Lower Egypt. Kingdoms rose, flourished and fell around the banks of this great river. Students develop their understanding of the importance of primary sources (the material record and written sources) to inquire about Old and Middle Kingdom Egypt.

History

Students will study the causes of World War II, including the outcomes of World War I and Hitler's rise to power. They will understand the reasons why Australians enlisted to go to war and learn about Australia's involvement in the war. They will interpret historical sources to better understand the role of significant political and military leaders in the context of World War II. Students will learn about different historical interpretations and contested debates about World War II. Students will learn about rights and freedoms post World War II including the civil rights movements in Australia. They will understand Australia's place within a globalising world.

Philosophy

Year 10 Philosophy is called *The Good Life in the 21st Century*. It is a subject that allows students space to ask big questions as well as to weigh up and evaluate a wide range of arguments about existence and reality. Students begin by learning some key philosophical thinking tools around logic and reason. This is followed by studies in Ethics and Moral Philosophy, focusing on Aristotle's concept of eudaimonia: the good life. Students consider the question: What does it mean to flourish in life? Following this, students study political philosophy, before finally looking at metaphysical questions around minds, consciousness, and technology in the 21st century: are robots beings? Can computers think? These questions and many more are explored in the course. At all times, students are encouraged to think big, share their own questions, and open themselves up to new ideas.

Languages

Chinese

This course is designed for second language students who have limited background and are continuing with their learning after Year 9 Chinese. The aim of this course is to provide students with the foundation for their future study of VCE Chinese. By the end of the course students will be able to: ask and give directions, talk about places and the weather, recognise and use simple language to describe simple ailments and injuries and seek advice, talk about eating and drinking, food and clothes shopping, describing people, communicate about sport and making arrangements to go out.

Science

Despite Science being a core subject, students can additionally choose any of the science based subjects as an elective.

- General Science 1
- General Science 2
- Biology
- Chemistry
- Environmental Science
- Physics
- Psychology

See page 11-12 for a full description of each subject.

Technology

Students must choose at least one Arts or Technology elective.

Computing - Data Analytics

Students will develop their skills in software tools and techniques to solve information problems. They will use surveys to collect data and then Microsoft Office to analyse the data. Students will then create infographics to represent their data visually. They will cover key concepts required in Business Intelligence. They will also cover Networking, including hardware that is required to set up a network, the different types of networks and what steps can be taken to secure a network. Students will be equipped with industry standard software, building on their interests in a range of applications and enabling good decision making for further study and ICT use in other subjects.

Computing - Software Development

Students will develop their skills in understanding solution requirements and how to create computer programs using Python. Students will be able to test and ensure that their program is functioning correctly. They will be able to define and decompose real-world problems as well as think of new ways technology can assist in overcoming current problems. Students will be equipped with industry standard software, building on their interests in a range of applications and enabling good decision making for further study and ICT use in other subjects.

Woodwork

This subject will give students a foundation that builds skills and knowledge regarding materials, tools and workshop processes to construct a range of varied projects. It allows students to understand the safety requirements of a workshop setting when using powered machinery. Students will gain an understanding of the knowledge and processes required for further studies in the senior years of school.

An additional fee to cover the cost of materials, excursions, etc, may apply for students choosing this elective.

Food Technology

In this course students will address the role of food and nutrition in enhancing health and well-being. They will explore the characteristics and properties of food, food selection and preparation and contemporary food issues. Students will learn how to plan and prepare healthy meals that can be produced quickly to suit today's busy lifestyles and how to cater for the variety of special dietary needs that exist today.

This course leads into Food studies at VCE.

An additional fee to cover the cost of materials, excursions, etc, may apply for students choosing this elective.

Vocational Education and Training (VET)

VET Certificate I Employment Pathways

The Certificate 1 Employment Pathways course provides students with a focus on work options and pathways to specific vocational education and training. The purpose of this course is to enable learners to develop skills and knowledge to improve their employability and work readiness.

The following units will be taught in this course

- Develop personal effectiveness
- Interact effectively with others at work
- Organise and complete daily work activities
- Use strategies to identify job opportunities
- Develop an action plan for career planning
- Prepare for employment and
- Contribute to health and safety of self and others.
- Use Business Technology

Students who which to apply for a VET course will need to complete an application on course counselling day and return it to the front office by the due date.

You do not need to apply for a VET if you are going to apply for the Advanced Applied Learning Course.

VET Certificate III in Sport and Recreation (Year 1 only)

This course is designed as an introduction to the general areas of sport, recreation and fitness. Students will learn how to plan and conduct sport and recreation sessions, conduct basic warm up and cool down programs, maintain sport, fitness and recreation facilities, and provide customer service.

The following units will be taught in this course:

- BSBWOR301 – Organise personal work priorities and development
- BSBWOR204 – Use business technology
- SISXCAI003 – Conduct non-instructional sport, fitness or recreation events
- SISXCAI001 – Provide equipment for activities
- SISXFAC001 – Maintain equipment for activities
- HLTWHS001 – Participate in workplace health and safety
- HLTAID011 – Provide first aid
- SISXEMR001 – Respond to emergency situations
- SISXCCS001 – Provide quality service
- ICTWEB201 – Use social media tools for collaboration and engagement

Notes

Notes

Notes

victoria university secondary college

Create The Future

Victoria University Secondary College

Junior Campus

88 Billingham Road
Deer Park Victoria 3023

P 03 9363 1155
F 03 9363 8681

Senior Campus

43 Ken Jordan Road
Cairnlea Victoria 3023

P 03 8312 0200
F 03 8312 0211

Trade Training Centre

43 Ken Jordan Road
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