



**ELISABETH
MURDOCH
COLLEGE**

PATHWAY TO SUCCESS



SENIOR SCHOOL COURSE INFORMATION

2024 - 2026 INFORMATION BOOKLET



PLANNING YOUR SENIOR SCHOOL PATHWAY, 2024 AND BEYOND...

Welcome to Senior School at Elisabeth Murdoch College! The pathway into senior school opens up new opportunities for students to really focus on the subjects they are passionate about. EMC offers students an abundance of subjects to select from. This can range from subjects that lead to an ATAR (Australian Tertiary Admission Rank), and vocational subjects that support students in following academic as well as vocational pathways, structured work placement or a combination of all options.

In 2024 the Department of Education will be launching a newly designed VCE (Victorian Certificate of Education) pathway to cater for all students.

This is a very exciting time for all students entering their senior education. The new VCE structure ensures all students can select a senior school academic program that clearly meets their needs for a successful future. The following handbook has been designed for students to clearly select a pathway beginning in year 10, throughout senior school, and into post secondary education and training. In consultation with the college and their parents/carers, students can effectively plan their pathways journey.

Using our college values - Respect, Empowerment, Aspiration, Courage, Honesty - and a thorough course counselling process with trained counsellors, over the next three years we can provide students and their families confidence in the correct support and advice for every student to enter a career of their choice and ability.

Students are not locked into a 3 year curriculum program by completing this plan in Year 9, however this handbook should be brought with students to any meetings with Senior leaders regarding course selections or subject changes. The subjects available, career interests and any requirements for ensuring the correct pathway entry will be recorded in the handbook and therefore support in guiding any changes that may occur along the way.

The process for students in Year 9 selecting their Year 10 subjects occurs over Term 2 and Term 3. Students are exposed to a range of subjects and courses during homegroup in Term 2, they receive this handbook and attend the college Pathways Expo in early May.

In June students make an initial selection from all subjects the college is able to offer at Year 10. This initial selection is NOT a student's final program, instead it provides the college with important information about the interests of the cohort. We take this data back to the curriculum team and college timetabler where a subject blocking grid is designed based on the most sought after subjects from the student cohort. Unfortunately, we are not able to offer every subject, however the college works incredibly hard to offer a wide selection of subjects based on the cohort of students for the year.

Early August students and their parents/carers attend a course counselling meeting with a college trained counsellor and select a range of subjects that the college will be offering. Support will be provided to students and parents/carers on subject selection based on a student's pathway interests, VET courses, structured work placement and higher education studies or workforce entry.

We look forward to working with you in your senior secondary school journey!

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Disclaimer:
The information in this book was accurate at the time of printing. Up to date information is available on the Education Department and College web sites.



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YEAR 10 CURRICULUM PROGRAM

At Elisabeth Murdoch College students in Year 10 have a range of course options that prepare them for their VCE pathway. We provide students with a range of subjects that support students to prepare for further education or direct entry into to workforce after completing year 12.

In Year 10 students are required to complete 10 units across the year, each unit is one semester in length. Students complete a range of core subjects:

- English (2 units / full year)
- Mathematics (2 units / full year)
- Pathways to Success (1 unit / one semester)

and then choose from a range of Year 10 electives (5 units). Students can also consider if they would like to begin a VET (Vocational Education) subject, these subjects are a 2 year course that provides a Certificate II or III qualification in the chosen subject. EMC offers a range of VET subjects and students can also attend external locations, such as Chisholm and other Secondary colleges in the local area to complete these subjects. Further information regarding VET courses can be found towards the end of this handbook. If students chose to study a VET subject this equates to 2 units of study at Year 10.

For students who have demonstrated the academic aptitude in a particular subject they may apply to begin this subject as a VCE Year 11 subject. Students undertake a consultative process if they would like to consider this an option with their Senior Sub School leaders. Leaders will take into consideration a students academic ability across all Year 9 subjects, their organisational and study habits as well as their long term pathway to consider if this is a viable option. If a student choose to undertake a VCE subject this equates to 2 units. It is also important to note that places

are only offered to Year 10 students in a VCE subject if there is availability due to Year 11 student numbers.

When choosing subjects students and parents/carers should consider:

- English pathway - students will receive a letter from the English Domain indicating if their teacher considers that Advanced English recommend for the student to study, otherwise all students should select English.
- Maths pathway – students will receive a letter from the Maths Domain indicating which maths option (General Maths / Maths Methods) is recommended for study.
- Some elective subjects, VET and VCE may incur additional college charges. This document does not include any fees, this information will be made available at course counselling.
- When choosing Year 10 elective subjects, students should choose from a range of Learning Areas to ensure a varied curriculum program.

On page 10 students should consider the course planning document and the information provided throughout the handbook in relation to subject descriptions. Further information can be provided by subject teachers and also on the college website: www.emc.vic.gov.au

TABLE A: YEAR 10 SUBJECTS

English

- English
- Advanced English

Mathematics

- Maths for General
- Maths for Methods

Science

- Biology
- Chemistry
- Physics
- Psychology
- Forensic Science

Humanities

- Pathways to success
- History - Freedom Fighters
- Environmental Issues and Challenges
- Law and Order
- Intro to Business

Health and Physical Education

- Outdoor Ed \$
- Fitness Recreation \$
- Sport Science
- Child and Adolescent Health and Development

Arts

- Drama - from Page to Stage \$
- Music Performance and Specialisation
- Art \$
- Photography \$
- Media Film
- Visual Communication Design \$
- Digital Arts
- Dance

Technology

- Café \$
- Food Choices \$
- Sew Stylish \$
- Wood Technology \$
- Dream, Design, Build \$
- Programming

VICTORIAN CERTIFICATE OF EDUCATION (VCE) AT EMC.

The revised VCE model that will begin its implementation in 2024 for Year 11 students provides a new range of opportunities for subject selection for all students. It is important that students and their families discuss the information below together and seek clarity from the college if you need more information.

The work that both Year 9 and Year 10 students will complete in Homegroup and the college Course Counselling sessions for students with their parents/carers will ensure a thorough understanding for our EMC community.

The VCE pathway is divided into two groups to help students understand the choices available and the outcomes of each pathway post-EMC. We recognise that universities, TAFEs and the employment sector are providing students with a range of entries and we are committed to ensuring every student is placed in the pathway that best suits their needs.

Each pathway that we offer provides students with a Year 12 VCE qualification; there is no pathway better than another, however what is most important is that the pathway that a student chooses is the best option for them.

At EMC we are grouping the options available into:

- VCE TP - VCE Tertiary Pathway
- VCE VM - VCE Vocational Major

VCE TP - VCE Tertiary Pathway

The VCE TP is the traditional academic VCE pathway. Students are required to complete 18 units at VCE (over Year 11 and Year 12) and will generally complete VCE external exams in Year 12 to receive an ATAR score for entry into further education.

Students may elect not complete the VCE external exams, but are still required to satisfactorily complete all SACs (School Assessed Coursework) for a satisfactory Year 12 pass. We do not suggest that students make this decision until well into their Year 12 studies. They must ensure, in consultation with the college careers team, Sub School leader and parents/carers if this is a viable option for their future pathway.

VCE TP is suitable for students that are considering going onto further education at university or TAFE, and for students who have not yet decided on their pathway but consider further education an option.

VCE VM - VCE Vocational Major

The Vocational Major offers students the ability to follow their passions whilst developing practical and academic skills that prepare them for entry into the world of work after completing Year 12.

Studies in the vocational specialisation stream will be able to be taught in ways that empower and motivate students, while helping them to develop the key knowledge and skills for required work, further education and active community participation.

Students complete core subjects in the Vocational Major that prepare students to be able to:

- analyse, decipher and review complex information and ideas to confidently make informed choices regarding their health, wellbeing, work, further education and society
- use theoretical and practical knowledge and skills to autonomously navigate complex situations and projects
- use literacy, numeracy, oracy and technology skills to understand, communicate and influence in a team or individual context
- apply vocational-specific technical knowledge, skills, initiative and enterprise in a variety of industry settings.

EMC VCE PATHWAY OPTIONS

Using the table below, plan your VCE pathway (Year 11 and 12) journey through the new VCE Certificate choices

Pathway Options	VCE TP (Tertiary Pathways)	VCE VM (Vocational Major)
Features of Pathway	<p>Students select from a broad range of academic studies to suit the requirements to attend University / Higher Education TAFE.</p> <p>Students that are also not sure of their pathway, but that are capable of academic subjects and exams are advised to follow this path.</p> <p>Students that require an ATAR for entry into further education will complete external VCE exams at the end of Year 12.</p> <p>Students may elect not complete the external Yr12 exams, these students will not receive an ATAR. Students should ensure any further education choice does not require an ATAR before choosing this path. (This choice does not need to be considered / made until well into their Year 12 studies)</p>	<p>Students complete a set of core vocational major subjects.</p> <p>Students select a VET study and complete 1 day a week of a structured work placement.</p> <p>VCE VM leads to TAFE Certificate Level courses / Apprenticeships & Traineeships / Work and some university courses via non-ATAR pathways</p>
Satisfactory Completion of the Pathway	<ul style="list-style-type: none"> • Attendance • Satisfactory completion of SACs (School Assessed Coursework) • Completion of Yr11 EMC Exams • Completion of Yr12 VCE External Exams or a non-scored achievement. • GAT (General Achievement Test) 	<ul style="list-style-type: none"> • Attendance • Work Placement for Yr 11 and Yr 12 to be confirmed by end of Yr 11 Step Up • Completion of a VET Certificate • GAT (General Achievement Test)
Compulsory Subjects	<ul style="list-style-type: none"> • English 	<p>Students will complete the following subjects-</p> <ul style="list-style-type: none"> • Literacy • Numeracy • Personal Development • Work Related Skills
Other subject choices	<p>Select 4 other studies to complement your program. These are drawn from the studies listed in Group A, B or C:</p> <p>Students can only pick one subject in Group B</p>	<p>Select one study from Group B</p>

SUBJECT GROUPINGS

GROUP A	GROUP B – VET (See details for each VET subject on page 26 for further information)	GROUP C - Other Education Setting Options (See Appendix OBC for further information)
English	Acting (Screen)	Maths - Specialist
Maths - General	Agriculture	Accounting
Maths - Methods	Animal Care	Languages
Biology	Apparel, Fashion & Textiles	University Enhancement Study
Environmental Science	Automotive Mechanical	VSL Study
Chemistry	Aviation (Remote Pilot - Drones)	School-based Apprenticeship
Physics	Beauty Services	
Psychology	Building and Construction	
Geography	Business	
History	Business (Legal)	
Business Management	CISCO Network Academy	
Legal Studies	Community Services	
Health and Human Development	Computer Assembly & Repair	
Physical Education	Dance	
Outdoor Education & Environmental Studies	Design Fundamentals (Graphic Design)	
Art - Creative Practice	Design Fundamentals (Photography)	
Media	Digital Media Technology (Cyber Security)	
Art - Making & Exhibiting	Early Childhood Development	
Visual Communication & Design	Electro-technology (Electrical)	
Drama	Engineering Studies	
Music Performance – Group / Solo	Equine Studies	
Food Studies	Furniture-making	
Product Design & Technology - Textiles	Health Service Assistance	
	Horticulture	
	Hospitality (Commercial Cookery)	
	Interior Decoration - Retail Service	
	Information Digital Media Technology (Games)	
	Kitchen Operation	
	Make-up	
	Music Industry - Performance	
	Music Industry - Sound Production	
	Plumbing	
	Printing & Graphic Arts	
	Salon Assistant (Hairdressing)	
	Screen & Media	
	Sport & Recreation	

Sample Pathway Programs

Below are a range of careers and possible pathways for students. These are only suggestions and there are many other combinations and options available to students. The sample programs are an opportunity for students and parents / carers to begin conversations and planning around career interest areas. Further information should be sought from the careers team or by using the VTAC course search.

AREA OF INTEREST	VCE Tertiary Pathways (VCE TP)	VCE Vocational Major (VCE VM)
Architecture & Building	<ul style="list-style-type: none"> English Maths Methods and/ or General Physics Visual Communication & Design VET Building & Construction 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects VET Building & Construction SWL Carpentry
Creative Arts	<ul style="list-style-type: none"> English History Studio Arts Business Management VET Applied Fashion Design 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects VET Design Fundamentals SWL Sign Writing
Education	<ul style="list-style-type: none"> English Maths (General or Methods) History Psychology Art 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects SbAT Education Support
Engineering & related Technologies	<ul style="list-style-type: none"> English Maths Methods Specialist Maths (distance education) Chemistry Physics 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects VET Engineering SWL – Engineering workshop
Food, Hospitality & Personal Services	<ul style="list-style-type: none"> English Food Studies Health & Human Development Physical Education VET Sport & Recreation 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects VET Hospitality (Kitchen Operations) SWL Café or Restaurant
Health	<ul style="list-style-type: none"> English Maths (General or Methods) Biology Chemistry Psychology 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects VET Allied Health SWL Aged care
Information Technology	<ul style="list-style-type: none"> English Maths General / Methods / Specialist VET CISCO Network Academy Physics Music 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects VET Game Design & Creation SWL – Primary School IT dept.
Management & Commerce	<ul style="list-style-type: none"> English Maths General / Methods Accounting Business Management Legal Studies 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects VET Business SWL – Data Entry local Accountant
Natural & Physical Science	<ul style="list-style-type: none"> English Maths Biology Environmental Science Outdoor Education 	<ul style="list-style-type: none"> VCE VM Compulsory Subjects VET Horticulture SWL Golf Course

COURSE SELECTION SHEET

Year 9 into Year 10



Name: _____ HG: _____

Year 10 Course Planning

Use the information throughout this book to help you select subjects for your Year 10 program. A year 10 program consists of English (full year), Maths (full year), Pathways to Success (1 semester) and 5 elective choices (1 semester each).

Students are reminded that a VCE subject or a VET subject are a full year in duration and therefore are allocated as 2 of the 5 choices available.

SEMESTER 1 SUBJECTS	SEMESTER 1 SUBJECTS
Compulsory	English / Advanced English <i>(Circle English preference)</i>
Compulsory	General Maths / Maths Methods <i>(Circle Maths preference)</i>
Compulsory	Pathways to Success
Elective choice 1:	
Elective choice 2:	
Elective choice 3:	
Elective choice 4:	
Elective choice 5:	
Alternative:	

Sample Year 10 programs:

SEMESTER 1 SUBJECTS	YEAR 10 SUBJECTS ONLY	YEAR 10 SUBJECTS WITH A VCE SUBJECT	YEAR 10 SUBJECTS WITH A VET SUBJECT
Compulsory	English	English	English
Compulsory	Maths Methods	General Maths	General Maths
Compulsory	Pathways to Success	Pathways to Success	Pathways to Success
Elective choice 1:	Chemistry	Psychology	Forensic Science
Elective choice 2:	Physics	Art	Freedom Fighters
Elective choice 3:	Sports Science	Cafe	Dream, Design & Build
Elective choice 4:	Media Film	VCE History	VET Building and Construction
Elective choice 5:	Programming	VCE History	VET Building and Construction
Alternative:	Intro to business	Biology	Fitness Recreation

Year 11 Course Planning

Step 1: Decide which of the 2 courses would suit your style of learning best: VCE TP, VCE VM

Step 2: Complete your preferences for this column only.

YEAR 11 VCE TP	YEAR 11 VCE VM
1. English	1. Literacy (Core)
2.	2. Numeracy (Core)
3.	3. Personal Development Skills (Core)
4.	4. Work-related Skills (Core)
5.	5. VET <i>(elective)</i> :
6. Alternative:	6. Structured Work placement:

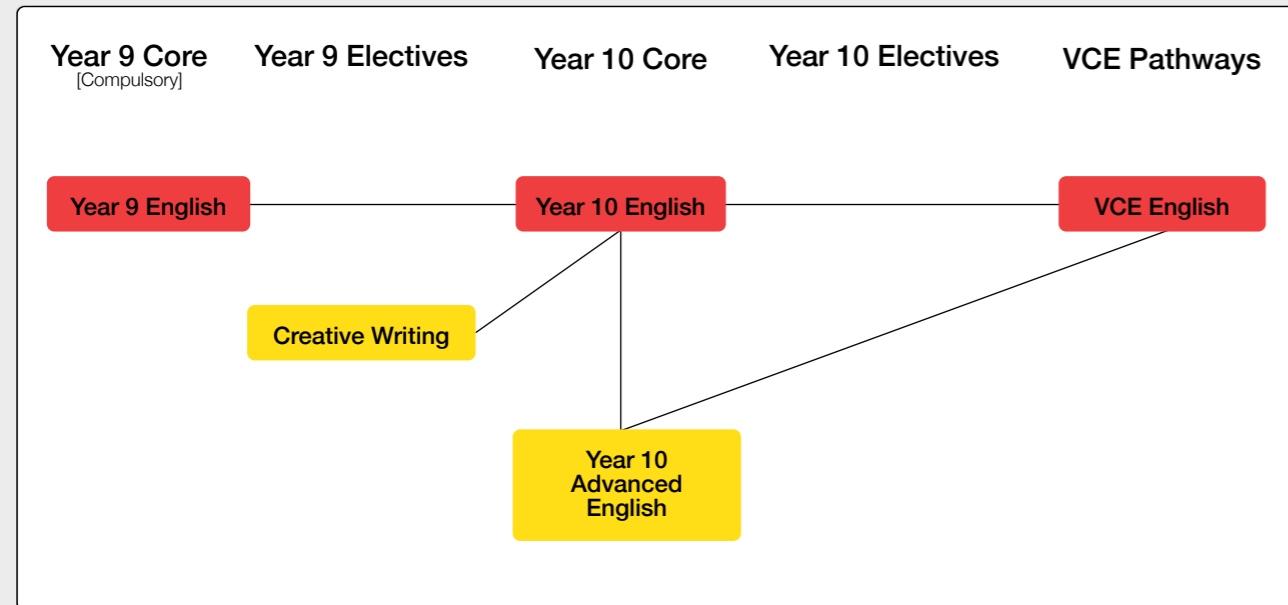
Year 12 Course Planning

Step 1: Continue with the course option you began in Year 11.

Step 2: VCE TP students are required to have 5 full year subjects at a Year 12 level. If these students have completed a Year 12 subject in Year 11 through early entry in Year 10, students are only required to choose 4 subjects but may choose a 5th subject if they would like.

YEAR 12 VCE TP	YEAR 12 VCE VM
1. English	1. Literacy (Core)
2.	2. Numeracy (Core)
3.	3. Personal Development Skills (Core)
4.	4. Work-related Skills (Core)
5.	5. VET <i>(elective)</i> :
	6. Structured Work placement:

English Subjects and Pathways



YEAR 10 ENGLISH SUBJECTS

English

Students read and respond to texts creatively and analytically. They use mentor texts to explore different forms and ways of constructing meaning, and investigate their own responses to these texts. They create their own texts using mentor texts as inspiration, and explain the intended impact of their own authorial choices. Students study texts in depth, and develop their own analysis of an author's message to the audience. They also explore how authors develop arguments through language choices designed to position an audience, and then make their own attempts to persuade audiences.

Advanced English

Students who have excelled in Year 9 English are recommended by their teacher for placement in Advanced English in Year 10. These students will extend their skills in reading and responding to texts creatively and critically. Students will study mentor texts, breaking down and analysing their construction on a micro and macro level, and then using their understanding of them to create their own texts. They will reflect on the process of writing, and the choices they have made in order to impact an audience. Students will study texts in depth, refining their ability to analyse authors' messages within a broader social and historical context, and to reflect on the implications for audiences. They will explore how authors develop arguments to position audiences, and then use a range of strategies to persuade different audiences across contexts.

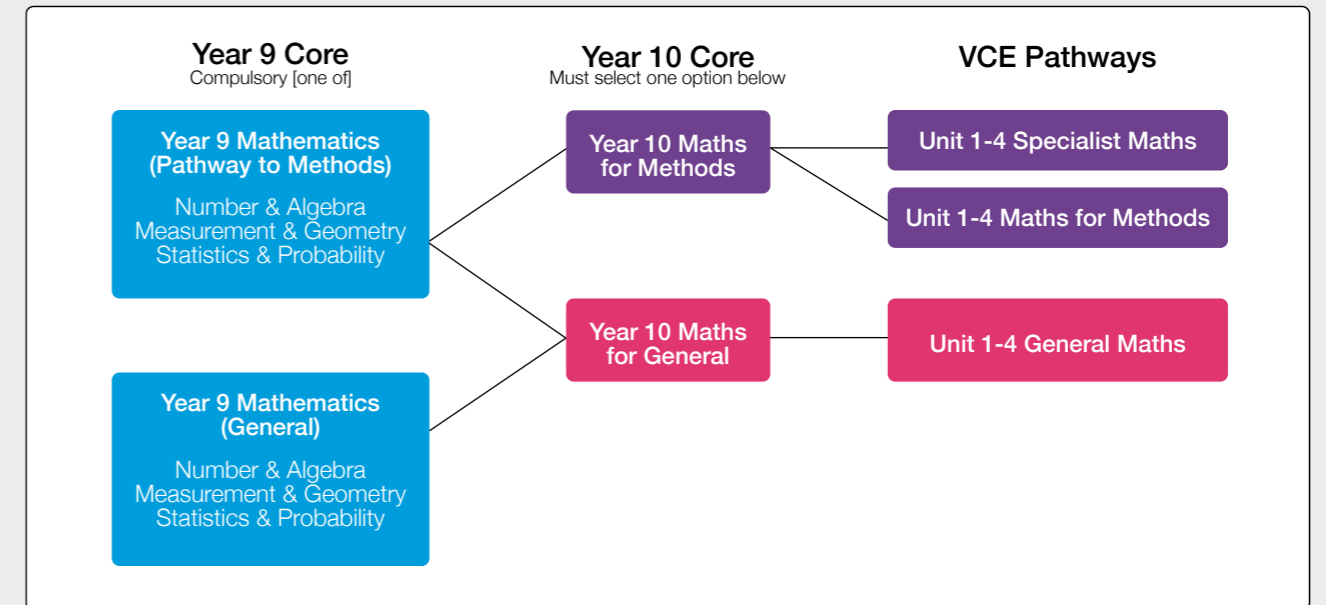
VCE SUBJECTS

VCE English

Note: All VCE TP students are required to study English in Year 11 and 12

Unit 1 and 2 - Students read and respond to texts personally, creatively, and analytically. They extend their inferential reading strategies, use mentor texts to break down the construction of texts, and then draft and refine their own creative pieces with a focus on writing as a process. Students develop their own analysis of a text and how an author has created meaning, as well as exploring how arguments are developed and delivered across forms of media, and creating their own texts intended to position audiences.

Mathematics Subjects and Pathways



YEAR 10 MATHS SUBJECTS

Maths for General

This course is intended for students who want to include mathematics in VCE studies, but are not aiming for tertiary mathematical studies. It focuses on applying the basic concepts, relating theoretical concepts to practical applications.

Maths for Methods

This course is intended for students with strong skills and a deep interest in mathematics. It prepares students for both Mathematical Methods and Specialist Maths at year 11. Students develop technology skills with a CAS to support theoretical concepts and advanced practical applications.

VCE SUBJECTS

General Mathematics Units 1 & 2

This course is intended for students who want to include mathematics in VCE studies, but are not aiming for tertiary mathematical studies. It focuses on statistics and mathematical representation of practical problems, useful for supporting humanities based subjects. It leads to General Mathematics Units 3 & 4.

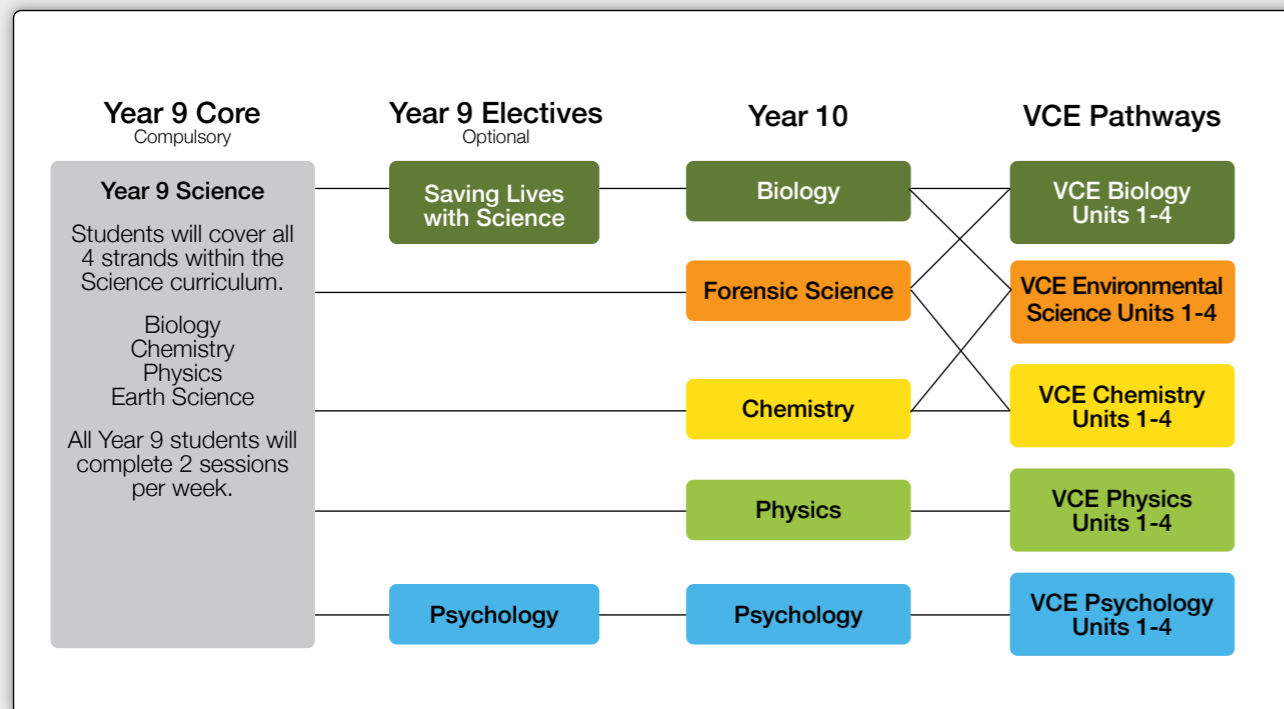
Mathematical Methods Units 1 & 2

This course is intended for students who aiming for tertiary studies in mathematics, sciences or engineering. It develops advanced techniques, problem solving skills and technology skills. It leads to Mathematical Methods Units 3 & 4.

Specialist Mathematics Units 1 & 2

This course is intended for students who aiming for tertiary studies in pure mathematics. It must be completed after or concurrently with Mathematical Methods Units 1 and 2, focusing on mathematical principles in their own right. It leads to Specialist Mathematics Units 3 & 4. (This is only run by distance education.)

Science Subjects and Pathways



YEAR 10 SCIENCE SUBJECTS

Biology

Biology focusses on preparing students for VCE Biology. Students learn about the structure of cells, the processes of evolution and the patterns of inheritance in genetics. Students explore the components of the immune system and the current technologies which impact society. Students conduct a range of assessments and experiments and use evidence to support scientific theory.

Chemistry

Chemistry will expose students to the Periodic Table in more detail, leading into the various types of bonding that can form between different elements and help prepare students for VCE Chemistry. Students will complete a range of practical activities covering the types and rates of reactions, and then use key skills to design, conduct and analyse their own scientific investigations.

Physics

Physics will prepare students for VCE physics and has a strong emphasis on practical activities, collection and analysis of data and introduction to the rigour of scientific methodology. Students develop key report writing skills and use formula to link everyday activities to the 'Physics' involved such as motion and energy transformations.

Psychology

Psychology focuses on preparing students for VCE Psychology. Students learn about the history of psychology, the differences between mental and psychological processes, the scientific method and using evidence to support theory. Students also study influences on an individual's behaviour, personality theories, sensation and perception as well as mental health and illness.

Forensic Science

Forensic science provides students the opportunity to explore a wide range of science subjects including chemistry, biology and psychology. Students apply their understanding of sciences to real life applications such as forensic investigations, substance analysis and criminal psychology. Students conduct a range of assessments and use evidence to support scientific theory.



VCE SUBJECTS

VCE Biology

Unit 1 + 2 Biology focusses on the structure and functions of cells and how they help organisms form complex systems. Students apply their understanding of cells to genetics and how life is maintained between generations. Students develop scientific investigations to test a hypothesis and present their findings. Students investigate the bioethical issues in society and learn how to interpret and analyse scientific data to make scientific judgements.

VCE Environmental Science

Unit 1+2 Environmental Science focuses on the Earth's four interacting systems: atmosphere, biosphere, hydrosphere and lithosphere and considers the effects of natural and human-induced changes in ecosystems. Students explore the concept of pollution and associated impacts on Earth's four systems through global, national and local perspectives. They distinguish between wastes, contaminants and pollutants and examine the characteristics, measurement and management of pollution. Students complete practical investigations and learn to analyse and interpret data.

VCE Chemistry

Unit 1 + 2 Chemistry focuses on the historical development of, and the relationship between, the Periodic Table and atomic theory. Unit 1 + 2 also focusses on the properties of water and the reactions that take place within water. Students conduct a range of practical activities and use experiment data to make valid conclusions.

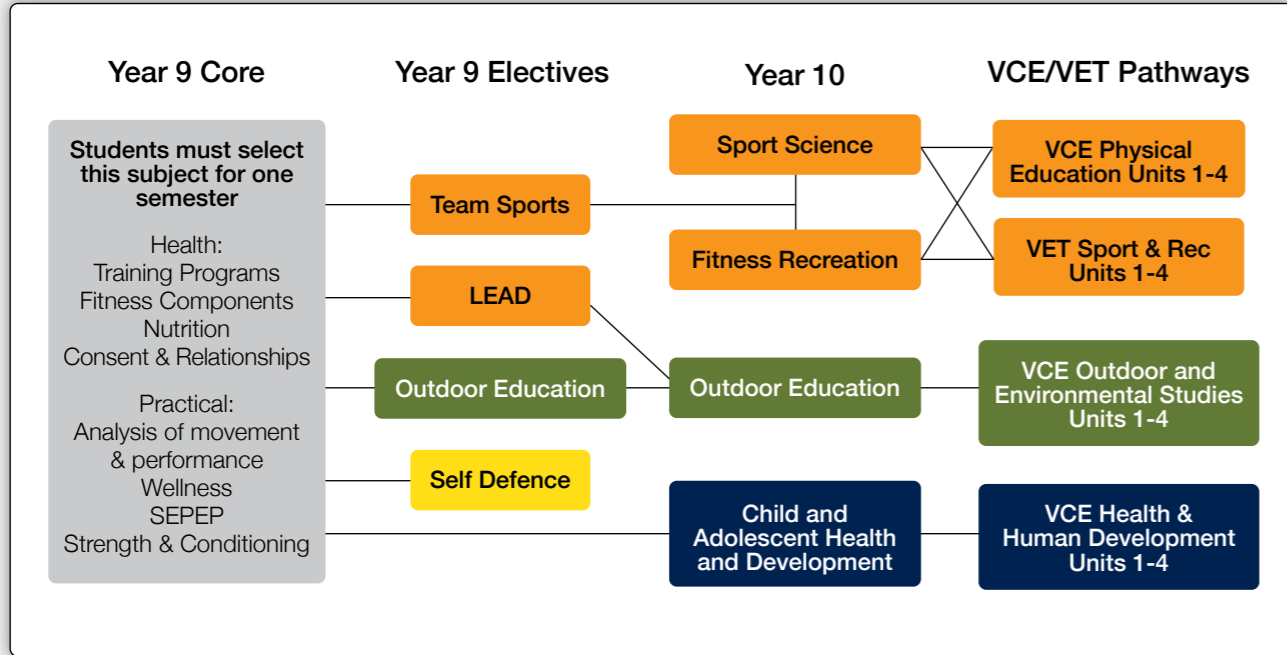
VCE Psychology

Unit 1 + 2 Psychology focuses on the development of mental and behavioural processes and how external factors influence these processes. Students also explore the structure and function of the human brain and nervous system through a range of practical activities. Students develop key skills in designing, conducting and analysis scientific experiments to make valid conclusions.

VCE Physics

Unit 1 + 2 Physics explores how physics theory is able to explain phenomena which are not always visible to the human eye. Students analyse how experiments can be used to reveal attributes of the physical world and the rigours of scientific method. Students develop crucial skills required to conduct their own scientific investigations and how to analyse and make valid conclusions.

Health & Physical Education Subjects and Pathways



YEAR 10 HEALTH & PHYSICAL EDUCATION SUBJECTS

Fitness Recreation

The focus of this program is to provide students with the opportunity to experience a range of leisure and recreational activities with a focus on how to maintain a fit and healthy lifestyle. The topics covered include Health, Fitness components, fitness testing, training principles and methods and nutrition.

Sport Science

Specialist PE is a subject designed for students wishing to undertake VCE Physical Education in future years. Students will learn some of the basic techniques of biomechanics, energy systems and skill acquisition and apply these to their chosen activity. Practical classes are based on the theory topic at the time with basic elements of coaching and skill development.

Outdoor Education

In Year 10 Outdoor Education, students study human relationships with the natural environment through a combination of both theory and practical activities. The subject requires students to participate in a range of outdoor experiences, all of which link to the environmental content studied in class. Some of the topics covered included sustainability, human experiences with nature and role of risk, challenge and adventure in people's daily lives.

Child and Adolescent Health and Development

This class will look at the health issues that are of concern to children and adolescents. Child Development explores the areas of conception, pregnancy, the birth process and the fundamentals of physical, social, emotional and intellectual development of a child from birth to 5 years of age. Adolescent Health focuses on harm minimisation principles will continue to be developed from junior health.



VCE SUBJECTS

Health and Human Development

In Unit 1 and 2 Health and Human Development students will develop an understanding of health and wellbeing. They will focus on different health perspectives and influences, health and nutrition and youth health and wellbeing. Students will also learn how to manage health and development with a focus on developmental transitions and health care in Australia.

Outdoor and Environmental Studies

In Unit 1 and 2 Outdoor and Environmental Studies students will explore outdoor experiences with a focus on motivations for outdoor experiences and the different influences that affect these experiences. Students will also have a focus on exploring outdoor environments through a variety of outdoor experiences and assessing the impacts these experiences have on the environment.

Physical Education

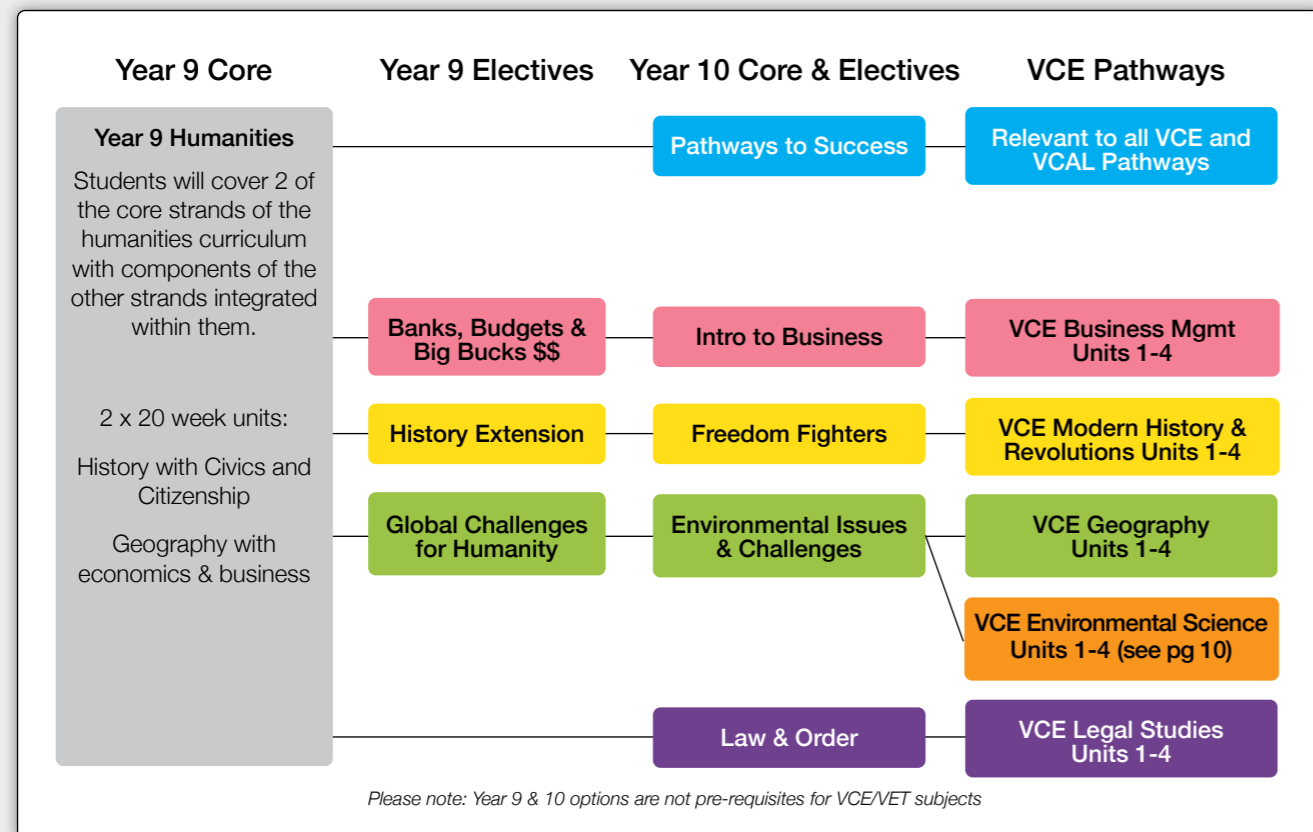
In Unit 1 and 2 Physical Education students will study the human body in motion focusing on how the musculoskeletal system works to improve movement. Students will explore how the cardiorespiratory system functions at rest and during physical activity. Students will also investigate the relationship between physical activity, sport and society as well as the contemporary issues associated with physical activity and sport.

VET SUBJECT

Sport and Recreation

In Unit 1 and 2 Sport and Recreation students will focus on developing skills and knowledge designed to introduce them to employment and educational opportunities in the Sport and Recreation industry. Modules covered throughout these units, which also lead to a certificate 3, include participation in conditioning for sport, level 2 first aid, work health and safety and conduct sport, fitness or recreation sessions. In Unit 3 and 4, students will have the opportunity to undertake scored assessment contributing to their ATAR Score.

Humanities Subjects and Pathways



YEAR 10 HUMANITIES SUBJECTS

Pathways to Success

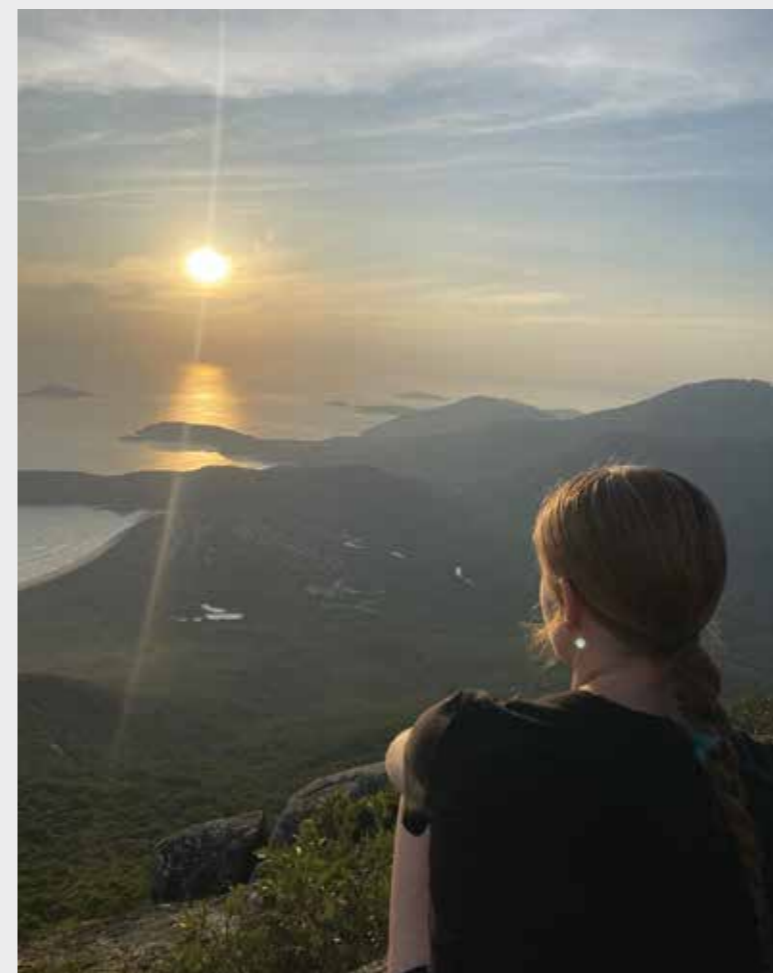
This core subject is aligned with VCE Unit 1 Industry & Enterprise which prepares students for a compulsory week of work experience. Students update their work skills by refining their Career Action Plan (developed during Year 9) and actively exploring their individual career goals and pathways. Students build skills that assist in dealing with issues affecting participants in the workplace. They investigate job tasks and processes in work settings as well as entry level requirements associated with work in selected industries. Students research a work-related issue, and consider strategies related to the development of interpersonal skills and effective communication to deal with the selected issue. After completing the relevant occupational health and safety (OH&S) induction program, students demonstrate the practical application of their skills by completing at least 35 hours of work experience. It provides students with the valuable opportunity to develop employability skills, explore possible career options, understand employer expectations, and increase their self-understanding, maturity, independence and self-confidence. Students research work-related issues concerned with the basic rights and responsibilities of employers and employees, including OH&S requirements for specific workplaces, the role of unions in the workplace and equal employment opportunity.

Introduction to Business

Students who complete this subject will be provided with an opportunity to learn about the functions of a business. They will create their own business plan and develop a business venture suited to their own passions and interests. Students will also complete a unit on accounting to complement the understanding of financial obligations of a business. Students will focus on developing the skills and knowledge to suit successful business people in the 21st Century and put their learning into action.

History - Freedom Fighters

Freedom Fighters explores the significance of events preceding universal human rights, the development of the Universal Declaration of Human Rights in 1948 and its impact. Students investigate the causes and struggles of Australian Aboriginal and Torres Strait Islander peoples for rights and freedoms in the Twentieth Century and the US civil rights movement of the 1950s and 60s. Students also study the significance of an event, such as the Holocaust, which breached human rights, its causes and effects. Students consider the struggles for rights and freedoms around the world and the empowerment that came after these events.



Environmental Issues and Challenges (Geography)

Are you passionate about protecting our planet and reducing the impacts we have on our environments and wildlife? In this unit students will investigate some of the biggest environmental issues we face on a national and global scale including water scarcity, desertification, deforestation, mining and fossil fuels and climate change. Students will explore the role science and society play in achieving global sustainability. Students learn about environmental processes within a range of environments, how societies use and value these environments, and the tools available to prevent and manage environmental impacts looking into renewable resources, wildlife conservation and environmental planning practices.

Law and Order

Students learn about government and whether it represents our community values. They investigate both criminal and civil law through the use of news articles and films reporting real legal cases. Law and Order looks at enforcement of laws including civil rights, arrest, and police powers. We also investigate reasons why laws change and how important this is in maintaining a safe world in which to live.

VCE SUBJECTS

Unit 1 & 2 Business Management

In Business Management, students study the first stages of the business cycle which is planning and establishing a business. Students explore the factors affecting business ideas and the internal and external environments within which businesses operate. Following on, students examine the legal requirements that must be satisfied to establish a business. Students investigate the essential features of effective marketing and consider the best way to meet the needs of the business in terms of staffing and financial record keeping.

Unit 1 & 2 Geography

In Geography students undertake an overview of hazards before investigating two contrasting types of hazards. Students examine the processes involved with hazards and hazard events, including their causes and impacts, human responses, and interconnections between human activities and natural phenomena. In Unit 2, students investigate the characteristics of tourism, with particular emphasis on where it has developed, its various forms, how it has changed and continues to change as well as its impacts on people, places and environments. Students will also be involved in outdoor fieldwork experiences as part of their learning.

Unit 1 & 2 History - Modern

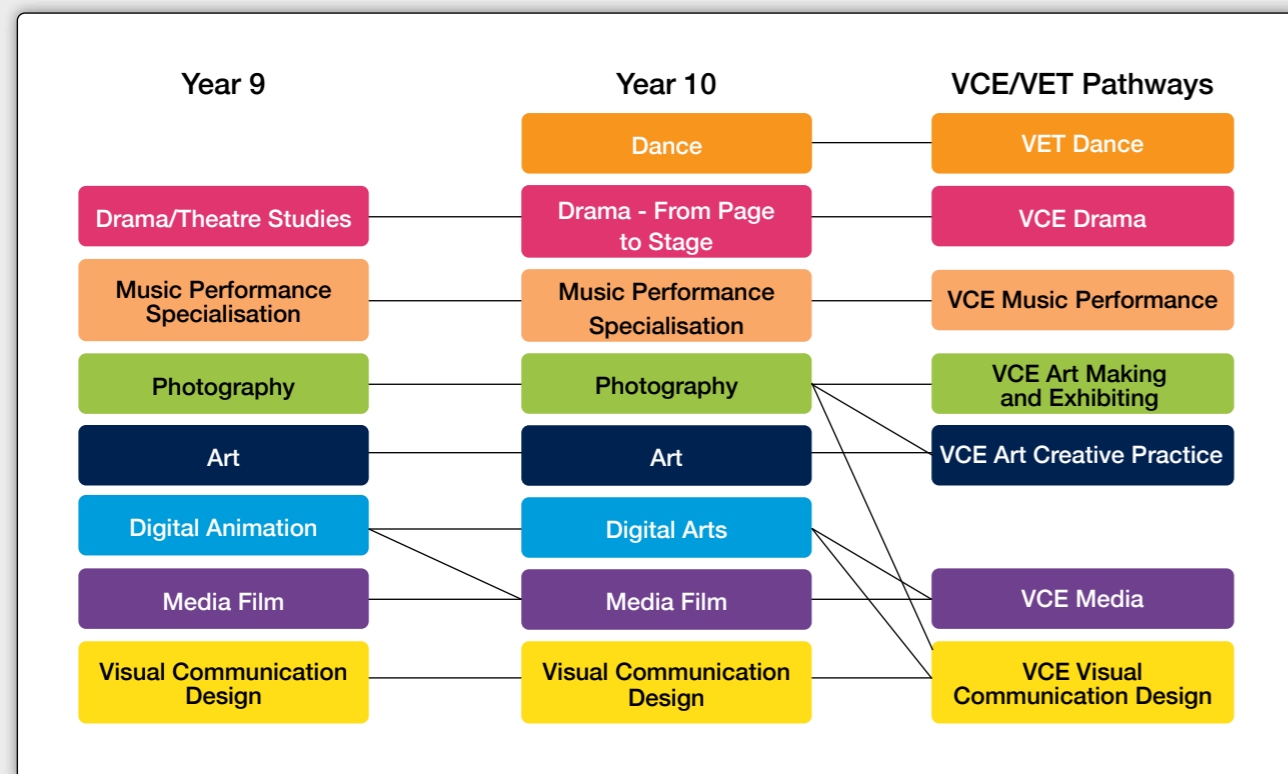
In Unit 1, students investigate the nature of social, political, economic, and cultural change in the later part of the 19th century and the first half of the 20th century. The post-World War I treaties had many unintended consequences that would lay the foundations for future conflict and instability in Europe. New fascist governments used the military, education, and propaganda to impose controls on the way people lived, to exclude particular groups of people, and to silence criticism. In Unit 2, students explore the causes, course and consequences of the Cold War, and the challenges and changes to social, political, and economic structures and systems of power in the second half of the twentieth century and the first decade of the twenty-first century.

Unit 1 & 2 Legal Studies

Students develop an understanding of the different types and sources of law and the existence of a court hierarchy in Victoria. Students investigate key concepts of criminal and civil law and apply these to actual and/or hypothetical scenarios to determine whether an accused may be found guilty of a crime, or liable in a civil dispute. In addition, this unit focuses on the enforcement of criminal law and civil law, the methods and institutions that may be used to determine a criminal case or resolve a civil dispute, and the purposes and types of sanctions and remedies.

****Please note that this subject studies some sensitive themes and real life cases****

The Arts Subjects and Pathways



YEAR 10 ART SUBJECTS

Year 10 Dance

In Year 10 Dance, students develop knowledge, understanding and skills of dance as an art form through choreography and performance. They discover new movement possibilities and explore personal style to build on their movement vocabulary and create and develop dance routines. Students will complete workshops with industry professionals and be given the opportunity to view a live dance performance. In this subject, students will be part of the choreographic process from beginning to end, resulting in a group performance with costumes, props and lighting.

Drama – From Page to Stage

While continuing to develop the performance skills they have learnt in middle school drama, students will be introduced to a range of production roles including sound and lighting engineering, costume and set design, stage management and direction. Students will be able to refine their skills in a working theatre. Students will be introduced to industry professionals in a range of production roles and will build an understanding of how the elements of theatre work together to create a successful performance.

Music Performance Specialisation

This subject provides students with the opportunity to further develop their music performance skills as both a soloist and as part of a group, whilst also developing their music industry knowledge. Students will compose, improvise and arrange their own music and develop their musicianship skills.

Visual Communication Design

Want to learn how to design? Students will explore a range of creative and traditional methods and media used to communicate information and ideas visually. Students will learn the fundamentals of drawing, the design process and how to present final responses effectively using both traditional media and digital technology such as The ADOBE Suite.

Digital Arts

This subject introduces students to the concept of both moving and still forms of art. Students will be studying the moving image in the form of an Animation. Students will also focus on the design of surface graphics for packaging and promotional material for their animation. Students will be introduced to the Adobe Creative suite for the creation of these products.

Art

If you love drawing, painting, printing, creating and developing new skills this is the subject for you. Students will create innovative art works which include different techniques of printmaking, painting and 3D sculpturing. Students dream, design, make and present their own creative artworks, along with exploring and analysing famous artworks.

Photography

Understanding concepts of the Art elements and principles will be a strong focus along with learning how to write about and form opinions of art works, and how to prepare work in a manner expected for high goal setting and achievement at VCE. Students will produce work focused around themes and ideas for successful folio work as well as develop skills with photo manipulation using various programs like Adobe Photoshop and Indesign. Research and exhibiting forms a key part of this study and students will be expected to produce work that can be shown at various events such as open night and the senior expo.

Media Film

Make a film, make a difference. Media gives students the opportunity to create short films and television scenes for a number of different purposes – to make people laugh, to make people think and to explore different issues. The importance of audience is a central component in a media text's creation and students will learn to engage those audiences through more complex and exciting editing techniques using Premiere Pro.

VCE SUBJECTS

Art Creative Practice

VCE Art Creative Practice students focus on inquiry through art practice to develop students' critical and creative thinking skills and individual responses through researching, exploring, experimenting, developing, reflecting, refining and resolving to produce artworks. Students use their creativity to solve problems and experiment with visual language, expression and critiques. They create personal responses and meaning by applying diverse materials, techniques and art processes. Students will be involved in presenting their final Artworks in exhibitions.

VCE Drama

VCE Drama students will develop skills in creating, presenting and analysing a devised performance that includes real or imagined characters, based on personal, cultural and/or community experiences. Students examine storytelling through the creation of solo and ensemble devised performances along with developing the ability

to use manipulate expressive skills in the creation and presentation of characters. Collaboration to create, develop and present ensemble performance is central to this performance. Students use and manipulate dramatic elements, expressive skills and performance styles to enhance performance.

VCE Media

VCE Media students will develop an understanding of the ever changing and dynamic relationship between audiences and the media. They will examine how media codes and conventions are used to construct media products such as TV, films, magazines, websites and ads. Students gain an understanding of narrative and audiences as producers and consumers of media products and structures, along with features of media forms to develop and produce their own products.

VCE Music

VCE Music students will focus on building performance and musicianship skills to present performances of selected group and solo music works using one or more instruments. Students will study other performers and explore strategies to optimise their own approach to performance. Students will identify technical, expressive and stylish challenges relevant to works they are preparing and endeavour to address these challenges.

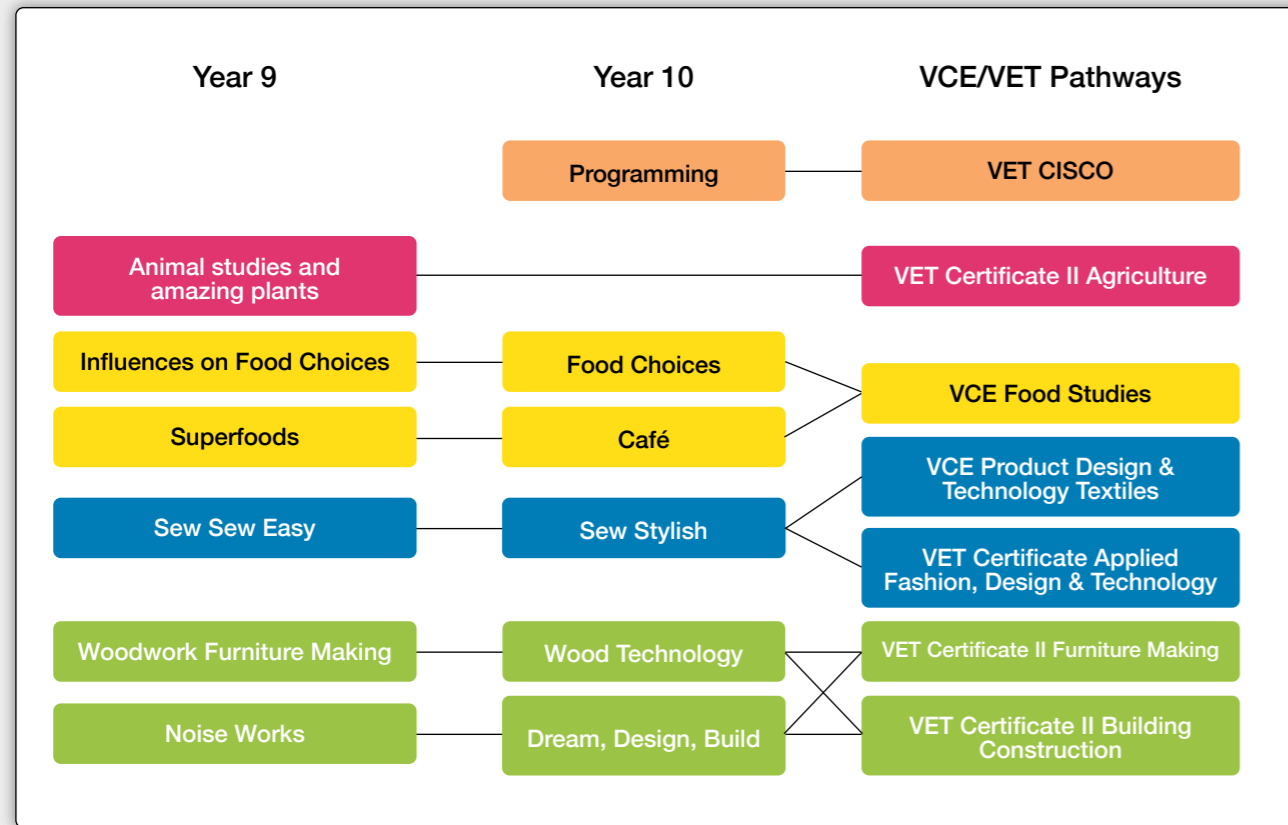
Art Making and Exhibiting

In VCE Art Making and Exhibiting, students will learn to explore, develop and refine their use of materials, techniques and processes while developing their knowledge and understanding of the ways artworks are made and exhibited. They will learn how the art elements and principles are used to create aesthetic qualities in artworks and how these ideas are communicated through the use of visual language. Students' knowledge and skills will evolve through the experience of making and exhibiting their own artworks and through the viewing and analysis of artworks by other artists. Students will be encouraged to broaden and develop their own ideas and thinking around art and art making and demonstrate their skills via student exhibition.

VCE Visual Communication Design

VCE Visual Communication Design students will develop skills in the production of instrumental drawings, exploration and experimentation of design elements and principles along with the preparation of solutions to suit a specific purpose. Students will apply design knowledge and thinking skills to communicate ideas. Student will be able to select and apply design elements and design principles.

Technology Subjects and Pathways



YEAR 10 DESIGN TECHNOLOGY SUBJECTS

Café

This exciting course will give you insight and work experience of all things hospitality in our school café – Lizzie’s Café. Students will be completing all aspects of the business including set up, food preparation and service. During their weekly café shift students will experience everything that they would in the real world – cash handling, food service, customer service and of course lots of barista experience! Students will experience both theory and practical elements to build on their knowledge in all things food, coffee and hospitality. This course also provides the opportunity for students to attain 2 qualification that are highly sought after in the hospitality field.

SITXFSA005 Use hygienic practices for food safety.

SITHFAB025 Prepare and serve espresso coffee.

Dream, Design, Build

This course will give students the opportunity to work with quality materials and hardwood to gain an understanding of the properties and uses of material. Students will develop confidence and skills using a range of equipment such as a CNC Router and Laser Cutters. Students will also be taught the basic principles of furniture design, scale drawings, CAD/CAM software and quality finishes to produce a range of high quality products.

Food Choices

The focus of this subject is on adolescent food intake and choices that are available. The Australian Dietary Guidelines and the Australian Guide to Healthy Eating will be a core focus throughout the semester. Students will complete practical activities including weekly food production, taste testing, dietary analysis and recipe innovation.

Students will investigate a range of units including adolescent health, food selection, consumption of sugar, nutrition across the lifespan and food budgeting.

Sew Stylish

Do you love sewing? Students will investigate fabric properties and construction techniques to aid in the production of a range of tops such as singlet style tops, t-shirts, dresses, skirts, jumpsuits, bags, patchwork, or onesies to name a few. They will be supplied with a range of patterns which they will be able to re-design, where desired, to create designs that express their individual personalities and uniqueness!

Wood Technology

Students will enhance their skills and use a variety of both new and old hand tools. The emphasis will be on enhancing their existing skills, investigating final finishes and completing a mantle clock.

YEAR 10 DIGITAL TECHNOLOGY SUBJECTS

Programming

Programming will allow students to learn the principles of coding and programming. Students will use these skills to apply their knowledge to genuine applications such as manufacturing, agriculture and e-commerce. Programming combines theory and hands on learning to solve real world problems. Additionally students will identify and allow for legal responsibilities and social contexts.

VCE SUBJECTS

VCE Food Studies

VCE Food Studies takes an interdisciplinary approach to the exploration of food, with an emphasis on extending food knowledge and skills, and building individual pathways to health and wellbeing through the application of practical food skills. VCE Food Studies provides a framework for informed and confident food selection and food preparation within today’s complex architecture of influence and choices. Students will explore food from a wide ranges of perspectives. Practical activities are integral to Food Studies and include comparative food testing, cooking, creating and responding to design briefs, demonstrations, dietary and nutritional analysis, product analysis, scientific experiments and sensory analysis (including taste testing and use of focus groups).

VCE Product Design and Technology - Textiles

PDT Textiles students investigate the intellectual property of designers to re-design their own products for an intended client. Students will explore suitable materials with the intention of improving aspects of the products aesthetic look, functionality or quality. Students will design and produce a range of garments with a focus on innovation and creativity.

VCE Vocational Major (VCE VM) Core Subjects

Literacy

Unit 1 and 2

Students will develop a portfolio of written, oral and visual responses that demonstrate understanding of how text types are constructed for purpose, audience and context. Students will identify a purpose audience and an argument for a variety of issues.

Unit 3 and 4

Students will identify and understand the key elements of a range of complex texts. They will investigate and produce a range of short written and visual responses to create an awareness campaign. Students will also create and deliver a persuasive presentation to a panel of assessors.

Numeracy

Units 1 and 2

Numeracy is designed to develop mathematical skills in the areas of finance, vocation and day-to-day logistics. Students will identify and use appropriate technology to assist with desired outcomes. They will develop an understanding of using formulas to problem solve.

Units 3 and 4

Students extend their mathematical skills and develop independent use of appropriate technologies. They continue to engage in numeracy-focused problem solving using mathematics to evaluate and report ideas.

Personal Development

Units 1 and 2

Personal Development focuses on student self-development and community engagement. They will use critical thinking and communication to address a community issue. Students will consider different perspectives and explore an active community issue.

Units 3 and 4

Students will strengthen their leadership and work collaboratively to contribute positively to the community. They will develop an understanding of complex issues and the planning required to implement projects that benefit others. Students will present findings to an appropriate audience and evaluate the success of their performance.

Work Related Skills

Units 1 and 2

Students will understand their rights and responsibilities in a variety of industry environments. They will gain an in depth knowledge of what constitutes a healthy and collaborative working environment. Students learn how to seek assistance with workplace conflicts and dangers.

Units 3 and 4

Work Related Skills explores the future of employment both nationally and globally. It develops student understanding of industries and opportunities that are best suited to their individual skills and attributes. Students will develop a portfolio that they can use to support future employment.

VET Course

Students are required to choose a VET (Vocational Education and Training) subject. VET offerings are listed from page 26. Students will complete a VET subject over two years. VET subjects can run onsite at EMC or over a number of various other settings and support our Vocational Major students to gain a nationally recognised certificate and develop skills that will equip them for the workforce.

Students often link their Structured work placement with their choice of VET subject.

For example, a student studying VET Building and Construction will often find a work placement with a Builder allowing the combination of studies to complement each other and provide long term industry links for the student.

Structured Work Placement

Students are required to find a work placement one day per week over the school semester that links in with their career pathway.

Workplace Opportunities

What is Work Experience (WE)?

Work experience is undertaken as part of the Humanities subject, Pathways to Success (See P.18), and can also be undertaken by students 15 years and over.

Work Experience can be completed for a maximum of 20 days with an employer.

A current Work Experience Arrangement Form must be completed and signed by the student, parent or care giver, employer, and the Principal.

Students must also complete the relevant online Work Safe Modules (General Module, plus the industry specific module relevant to their proposed workplace). The Work Safe modules must be printed and signed by a teacher or Work Experience Coordinator. This is the link to the most up to date modules: <https://www.education.vic.gov.au/school/students/beyond/Pages/generalmodule.aspx>

White Card

Work experience students may also need to have a White Card. A White Card is an industry standard card that allows the holder to work on work sites in areas such as, Electrical, Carpentry, Cabinet-making, Plumbing etc.

White Card courses are run over one day with an assessment test at the end of the day. EMC runs training days at the beginning and end of the year. If a student requires a White Card at other times, they will need to enrol privately for a weekend course.

What is Structured Workplace Learning (SWL)?

SWL is undertaken by students who are enrolled in a VET course (see Pp. 28). SWL is aligned to the VET course to provide students with learning that is relevant to the area in which they are training. (For example, a student working at a local Child Care Centre who is undertaking the Certificate III in Early Childhood Education & Care). Some VET courses have compulsory training, for others it is highly recommended (such as, Certificate II in Engineering).

A current Structured Workplace Learning Arrangement Form must be completed and signed by the student, parent or care giver, employer, and the Principal.

Students must also complete the relevant online Work Safe Modules (General Module, plus the industry specific module relevant to their proposed workplace). The Work Safe modules must be printed and signed by a teacher or Work Experience Coordinator. This is the link to the most up to date modules: <https://www.education.vic.gov.au/school/students/beyond/Pages/generalmodule.aspx>

What is a School-based Apprenticeship / Traineeship (SbAT)?

A SbAT is part-time apprenticeship or traineeship that students complete whilst studying their VCE TP or VM. SbATs generally require two days per week 'on the job' (for VCE TP students, this could be a Wednesday / Saturday ad for VCE VM students, a Wednesday / Friday). Training and employment hours are a minimum of 13 hours per week. Students earn a wage, work with an employer, and train towards an accredited qualification while undertaking their high school certificate.

SbATs can be arranged in two ways. Firstly, through the family's own networks – relations / friends / sports club members etc. Once a student has found a willing employer who would like to employ them as a part-time apprentice or trainee, the employer completes the 'sign-up'. This is usually undertaken by an Apprenticeship Network Provider, such as MEGT or Sarina Russo.

See next page for details on Head Start who facilitate these courses.

GET A HEAD START ON YOUR CAREER

Head Start is a personalised school-based apprenticeship and traineeship program, offered to all government school students in years 10 – 12 across Victoria.

Head Start students start learning skills for an apprenticeship or traineeship early, while also developing the real-life knowledge that employers need by completing Year 12. Since every young person is different, Head Start Coordinators work closely with schools to create a flexible timetable that suits each individual student.

The program helps students to develop skills and experience that employers value, to get the best start in their career.

The 3 Pillars of a Head Start Pathway:



1 SCHOOL

Completing Year 12 with a successful VCE, VCE Vocational Major, or Victorian Pathways Certificate



2 TRAINING

Engaging in Vocational Education Training (VET) via a recognised course



3 WORK

Performing on the job and earning money as a school-based apprentice or trainee

Exploring a Head Start pathway means:

- ✓ Understanding the **RELEVANCE** of work to your **FUTURE**
- ✓ Having the **SKILLS** and **COMMITMENT** to start your career **NOW!**
- ✓ Demonstrating **RESPONSIBILITY** and **MATURITY** at an **ADULT** level
- ✓ Being **RESILIENT** to change and **SELF-MOTIVATED**
- ✓ Having the ability to **TAKE ACTION** and **SELF-REGULATE**
- ✓ Knowing your own **INDIVIDUAL POTENTIAL**

If you would like to learn more, please call into the Head Start or Careers Office for a chat.

MULTI-TRADE PATHWAYS OVERVIEW

VETDSS Multi-trade pathways Program (MTP) is a new style of VET pathway, which supports students to make an informed VET study and career decision at the Year 10- 11 entry level. Designed to suit a 3-year structure of engagement with VET as part of a student's VCE or VCE-Vocational Major program, Chisholm's new VETDSS Multi-trade Pathway programs offer first year VET students a suite of thematic VET units of competency, to help them gain a 'taste' of various qualifications within a similar industry field. These units can then be used as VET credits towards future qualifications as the student becomes more discerning about locking in their longer-term career pathways in VET.

Multi Trade Pathway Programs

VETDSS Hair, Beauty and Wellness – Some units may include:

SHBBFAS004	Provide lash and brow services
SHBBRES003	Research and apply beauty industry information
SHBXWHS003	Apply safe hygiene, health and work practices
SHBBMUP009	Design and apply make-up
SIRXSL001	Sell to the retail customer
SHBHDES002	Braid hair
SHBXCCS009	Greet and prepare clients for salon services

VDSS Trades – Some units may include:

Carpentry	
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCCWHS1001	Prepare to work safely in the construction industry
CPCCCM1012A	Work effectively and sustainably in the construction industry
VU22016	Erect and safely use working platforms
VU22034	Mix basic paint colours (Painting & Decorating Stream)
Plumbing	
CPCCCM1015A	Carry out measurements and calculations
HLTAID002	Provide basic emergency life support
HLTAID010	Provide basic emergency life support
Bricklaying	
CPCCCM2006	Apply basic levelling procedures
VU22015	Interpret and apply basic plans and drawings
Floor & Wall Tiling	
CPCCCM1014A	Conduct workplace communication
VU22014	Prepare for work in the building and

VETDSS Art and Design – Visual Arts, Screen and Media, Design Fundamentals, Printing & Graphics

CUAPHI312	Capture photographic images
CUAPPR311	Produce creative work
ICPPRP2210	Select and apply type
CUADES201	Follow a design process
CUADES301	Explore the use of colour
CUADIG311	Prepare video assets

Vocational Education & Training (VET)

VET allows students to include vocational studies within their VCE senior secondary certificate. Students undertake nationally recognised training from either accredited state curriculum or national training packages. These VET programs may be undertaken in a variety of settings and offer students the opportunity to undertake Structured Workplace Learning (SWL) Classroom learning is combined with structured hands-on training and practice in industry.

Why students choose to undertake VET as part of their senior secondary certificate?

VET offers students the opportunity to:

- Explore career options and pathways.
- Undertake learning in the workplace.
- Undertake applied learning in an adult learning environment.
- Gain a nationally recognised qualification that contributes to the VCE.
- Develop skills that will equip them for the workforce.

What credit will I receive towards my VCE?

VET programs contribute to both the VCE certificates. They also contribute to a VCE students ATAR which is used for university selection. Selected VCE VET programs offer scored assessments for Units 3 and 4 in the same way all VCE studies do and includes an end of year exam.

VET programs contribute to the VCE in one of the following ways:

- Credit towards the VCE: units at Unit 1-2 level and a Unit 3-4 sequence. Where a Study Score is available, it can contribute directly to your ATAR. These studies are: Business, Dance, Engineering, Furniture Making, Health Services, Hospitality, Music Industry, and Sport and Recreation.
- Credit towards the VCE: units at Unit 1–2 level and a Unit 3–4 sequence. Through block credit a contribution of a 10% increment towards the ATAR or as a fifth or sixth subject.
- Credit towards the VCE Vocational Major: VET units contribute towards the industry specific skills strand at all VCE VM levels.

Elisabeth Murdoch College RTO 21004

Elisabeth Murdoch College is a Registered Training Organisation (RTO) for the delivery of a number of VET programs. The programs in our scope of registration include:

- Certificate II in Agriculture AHC20122.
- Certificate II in Apparel, Fashion and Textiles MST20722.
- Certificate II in Building and Construction Pre Apprenticeship 22338VIC.
- Certificate II in Dance CUA20120 & Units from Certificate III in Dance CUA30120.
- Certificate III in Sport, Aquatics and Recreation SIS30122.
- Food Handlers: Use hygienic practices for food safety SITXFSA005.
This unit is delivered as part of the Year 10 Café elective.
- Prepare & Serve Espresso Coffee - SITHFAB025

*CISCO: Selected units from 22519VIC - Certificate IV in shared technology.

Further information about these certificates and other VET courses offered to students at Elisabeth Murdoch College can be found in this book and on the College website. Refer to the drop box on the college website: **LEARNING AND PATHWAYS – SENIOR SCHOOL COURSE INFORMATION.**

NB: The following VET courses contribute to both VCE certificates.

Certificate II Agriculture AHC20122

Working in agriculture goes beyond being on the land – we also need scientists, agricultural economists and environmental professionals. A vibrant and sustainable agricultural sector is the key to the future prosperity of Australia and the world. This program is delivered at EMC and aims to provide students with the knowledge and skills to achieve competencies that will enhance their employment prospects in the agricultural industry. Students are required to undertake 80 hours of structured workplace learning.

Sample units may include;

- Follow OHS procedures.
- Maintain livestock water supplies.
- Care for health and welfare of livestock.
- Handle livestock using basic techniques.
- Install, maintain and repair fencing.

Certificate III in Acting (Screen) 22576VIC

The 2 year course is delivered at EMC on Wednesday. The general purpose of the course is to provide the skills, knowledge and attitudes for training in acting for film and television. The training will provide the skills and knowledge in a broad range of acting tasks relating to film and television. The course provides opportunities to visit on set locations, practical filming lessons and sessions with industry guest speakers who actively work in film and television.

Sample units may include;

- Prepare and present self for auditions.
- Develop script knowledge and performance skills.
- Develop acting techniques.
- Develop and apply creative arts knowledge.

Certificate II in Animal Care ACM20121

This course provides the basic skills and knowledge to become an animal carer. Students learn how to assist with general animal care, provide food and water for animals and follow occupational health and safety procedures in the workplace.

Students will undertake work in the animal facility throughout the year giving them the opportunity to work with mice, rats, guinea pigs, rabbits, fish and reptiles. They will also have dogs and cats regularly attend class for practical training.

This course requires students to undertake 80 hours of Structured Workplace Learning, 40 hours each year.

Sample units may include;

- Feed and water animals.
- Assist in health care of animals.
- Provide information on companion animals, products and services.

Certificate II in Apparel, Fashion & Textiles MST20722

This program is delivered at EMC and aims to provide students with an introductory overview of fashion design. Students are provided with the opportunity to acquire and develop skills in sewing, design processes, working with and making patterns and applying quality standards. The program provides an introductory overview of fashion design which may lead to employment opportunities producing fashion products where a basic understanding of design skills is required. It is particularly suitable for those who are self-employed and involved in low volume production. Students are required to undertake 40 hours of Structured Workplace Learning.

Sample units may include;

- Using a sewing machine, sewing components .
- Modifying patterns.
- Drawing and interpreting basic sketches.
- Identify fibres and fabrics, design concepts for simple garments.
- Basic patternmaking principles.

Certificate II in Automotive Mechanical

AUR20720

Delivered at Chisholm Institute, the Certificate II in Automotive Studies has been designed to align with needs in the automotive vehicle industry. The course is designed to provide a hands-on learning environment and focuses on providing students with simulated practical work experiences, employability skills, and career pathways into the automotive industry as an apprentice.

Sample units may include;

- Carry out basic vehicle servicing operations.
- Dismantle and assemble multi-cylinder four stroke petrol engines.
- Remove and replace brake assemblies.

Certificate III in Aviation (Remote Pilot)

AVI30419

This program will be delivered at Elisabeth Murdoch College. This qualification is relevant to individuals operating remotely piloted aircraft (Drones) within visual line of sight, below 400 feet outside of controlled airspace, greater than 3 nautical miles from an aerodrome, outside of populous areas. Students doing this qualification will also complete the requirements for certification by the Civil Aviation Safety Authority (CASA)

Sample units may include;

- Operate aeronautical radio.
- Apply regulations and policies during remote pilot aircraft systems operations.
- Operate and manage remote pilot aircraft systems.
- Control remote pilot aircraft systems in normal flight.

Certificate III in Beauty Services

SHB30121

Delivered at Chisholm Institute, this course is designed to introduce students to the theory and practice of waxing, manicure and pedicure, make-up, business communications, retail and spray tanning. This course will be a full day, from 9am -3pm. There is a requirement to undertake 40 hours of Structured Workplace Learning for each year of the 2 year course.

Sample units may include;

- Provide manicure and pedicure services.
- Advise on beauty products and services.
- Design and apply make-up.
- Apply eyelash extensions.
- Provide waxing services.

Must be 16 years of age in the January of course commencement.

Certificate II in Building and Construction

22338VIC (Partial completion)

The program may be delivered at Elisabeth Murdoch College in partnership with Chisholm TAFE. The program provides students with the knowledge and skills that will enhance their employment prospects in the building and construction industry. On completion of the program, student will have achieved two-thirds of the core and some stream-specific units of the pre-apprentice certificate. The course includes the "White Card" and required unit for anyone working in the building industry.

Sample units may include;

- Carry out measurements and calculations.
- Interpret and apply basic plans and drawings
- Perform basic setting out.
- Identify and handle carpentry tools and equipment.
- Construct basic sub-floor.

Certificate III in Legal Studies

BSB30320

Delivered at Chisholm, this two-year program provides an entry level qualification for those wishing to work in the private or public sectors of the legal system, while providing a pathway to Certificate IV, Diploma and advanced Diploma qualifications in legal and justice. This course will be a full day, from 9am - 3pm.

Sample units may include;

- Organise schedules.
- Use business software applications.
- Apply understanding of the Australian Legal system.

Certificate II in Business

BSB20115

Delivered at Chisholm, this course is designed to introduce students to the theories and practices necessary to develop skills for employment in an office environment. This course is only a one year duration.

Sample units may include;

- Process and maintain workplace information.
- Produce digital text documents.
- Create and use spreadsheets.
- Organise and complete daily work activities.
- Use digital technologies to communicate remotely.

Certificate III in Business

BSB30120

Delivered at Chisholm or online through Integrity Business College, this course is designed to provide students with the opportunity to develop a broad range of skills and knowledge to work in a variety of work contexts. It provides partial completion of Certificate III in Business, Units 3 and 4 sequence of VCE VET Business, and is not designed as a stand-alone study. Students are strongly advised against undertaking the Units 3 and 4 sequence without first completing Units 1 and 2 (Certificate II in Business – BSB20115). This course is only a one year duration.

Sample units may include;

- Deliver and monitor a service to customers.
- Design and produce business documents.
- Recommend products and services.

Certificate II in Community Services

CHC22015

Delivered at Foundation Learning Centre, Frankston Campus. This qualification will provide you with the practical skills and knowledge to participate in local government and community organisations that seek to encourage and assist community groups to identify their needs, and plan and develop appropriate services and facilities to meet those needs.

You will learn about the community services sector and ethical behavior. You will also develop skills in communication, information provision and processing, administration support, networking and group support.

Certificate II in Computer Assembly and Repair

UEE20520

Delivered at Chisholm, this course is designed to introduce students to the theory and practice of selecting components and assembling computers to customer specification, and carrying out routine hardware repairs.

Sample units may include;

- Install and configure a client computer operating system and software.
- Assemble, set-up and test computing devices.
- Install and configure a home or small office network.
- Fabricate, assemble and dismantle utilities and industry components.

CISCO – Selected units from Certificate IV in Shared Technology

22519VIC

This program is delivery at EMC and aims to provide students with training and practical skills in the design, construction and maintenance of small to medium sized computer networks. Upon completion, student will prepare to undertake assessment for internationally recognised and accredited qualifications including the Cisco Certified Network Associate examination. This qualification leads to enhanced employment opportunities in a range of fields including computer systems, information technology, engineering and telecommunications.

Students are required to undertake 80 hours of structured workplace learning.

There are four units in the program taken over two years covering:

- Networking fundamentals.
- Router theory and router technologies..
- Switched networks and advanced routing.
- Wide area networking.

Certificate II in Dance CUA20120 selected Certificate III Units

CUA30120

The program is delivered at Elisabeth Murdoch College and aims to provide students with the technical and performance skills, knowledge and attitudes to begin the process of establishing a career in the entertainment industry. The program contributes to the professional orientation of articulate dancers who aspire for both the technical dance skills necessary to work professionally as well as academic and theoretical knowledge and skills that will equip them to work in a variety of areas within the Entertainment Industry.

Sample units may include;

- Developing basic dance techniques.
- Basic level of physical condition for dance performance, two specific dance styles e.g. Jazz, Contemporary and Street.
- Preparing self for a dance performance, refining basic dance techniques.
- Applying basic dance techniques for performances.

Certificate III in Design Fundamentals (Graphic Design)

CUA30720

Delivered at Chisholm, this course is designed to introduce students to the theories and practices of creative arts industries, including those using emerging technology. Students will study skills in photo imaging and 3D printing common to screen and media, interactive games, graphic design and visual arts.

Sample units may include;

- Produce drawings to communicate ideas.
- Make scale models.
- Explore the use of colour.
- Produce computer-aided drawings.

Certificate III in Design Fundamentals (Photography)

CUA30720

Delivered at Chisholm, this course is designed for students who wish to pursue a photographic career. It is designed build the theoretical and practical skills required to develop photographic expertise both in the studio and on location, and helps students explore their creativity and develop their photographic eye for capturing and enhancing dynamic photography.

Sample units may include;

- Follow a design process.
- Explore the use of colour.
- Produce drawings to communicate ideas.
- Explore and apply the creative design process to 3D forms.

Certificate II in Electrotechnology

UEE22020

Delivered at Somerville Secondary College or Chisholm, this course is designed to introduce students to the various careers available in electrotechnology through project based, hands-on experience in the workshop. These careers include electrical, electronics, renewable energy and telecommunications.

Sample units may include;

- Carry out routine work activities in an energy sector environment.
- Use routine equipment/plant/technologies in an energy sector environment.
- Identify and select components, accessories and material for energy sector work activities.

Note: There is an option to 'Fast Track' this course. Please contact a member of the EMC Careers office for additional information. Fast track course at Somerville available.

Certificate III in Early Childhood Education and Care

CHC30121

Delivered at Elisabeth Murdoch College in partnership with Foundation Learning. This course offers students the opportunity to take their first steps into the world of early childhood education with the nationally accredited Certificate III in Early Childhood Education and Care. The certificate III level is the minimum standard required to be able to work in the Early Childhood Education & Care industry.

You will learn to provide safe, nurturing, meaningful and inclusive education and care for children in a fun and playful setting. Through theoretical and practical course work, you will learn to:

- Care for babies and children to ensure their health and safety
- Promote good nutrition and positive meal experiences
- Use an approved learning framework, support holistic developments through play and learning.
- A nationally recognised qualification that meets the legal requirements to work as a Early Childhood Educator.
- First Aid Certificate.

Certificate II in Engineering studies

22470VIC

Delivered at Chisholm, this scored VCE VET course is designed to introduce students to the theories and practices necessary to enhance their future studies and employment prospects in the engineering or engineering related industries. It introduces students to mechanical and thermal cutting, marking out, welding principles, fabrication, forming and shaping techniques, general machining, computing and computer-aided drafting, and workplace safety.

Sample units may include;

- Perform basic machining processes.
- Apply basic fabrication techniques.
- Undertake a basic engineering project.
- Perform basic welding and thermal cutting processes to fabricate engineering structures.

Certificate III in Equine Studies

22513VIC

The program is delivered at Toorak or Hillcrest Christian College and provides students with the knowledge and skills that will enhance their employment prospects in the equine and equine related industries in the areas of breeding, competition, and retail or event management. The program provides an overview of the horse industry. Training undertaken through this qualification can lead further education and jobs as animal attendants, stable or stud hands, coaches and horse breeders, and industry areas such as racing, veterinary nursing and retail.

Sample units may include;

- Work safely in an equine industry.
- Handle horses safely.
- Identify equine anatomy.
- Apply knowledge of horse behaviour.

Certificate III in Health Services Assistance

HLT33115

This course covers a wide range of areas within the health industry and is designed to provide students with the skills and knowledge required to work in an entry-level role within a range of fields, depending on the electives and focus of the program undertaken. Students will be trained by industry professionals who have many years' experience working in these sectors and will learn in our specialised training facilities and simulation laboratories. There is a mandatory 80 hours of Structured Work Placement in the health/ community care industry required as part of this course.

Sample units may include;

- Support the care of clients.
- Provide first aid.
- Interpret and apply medical terminology appropriately.
- Work with diverse people.

Certificate II in Horticulture AHC20416

Delivered at Chisholm, this course is designed to introduce students to the theories and practices necessary to prepare them for entry into this dynamic industry. It provides exposure to the main facets of the parks, nursery and landscape industries, contained within the general sphere of horticulture.

Sample units may include;

- Assist with landscape construction work.
- Undertake propagation activities.
- Treat plant pests, diseases and disorders.
- Plant trees and shrubs.

Certificate II in Hospitality

SIT20316

Delivered at Chisholm, this scored VCE VET course is designed to introduce students to the theories and practices for a range of tasks in hospitality establishments. The course leads to work in the areas of catering assistant, porter of food and beverage attendant, and can provide credit towards further hospitality study..

Sample units may include;

- Use hygienic practices for food safety.
- Prepare and serve espresso coffee.
- Use hospitality skills effectively.
- Provide responsible service of alcohol.

Certificate III in Information, Digital Media and Technology (Cyber Security)

ICT30120

Delivered at Chisholm, This course is designed to introduce students who are enthusiastic and passionate about IT to network administration. The course covers IT hardware, operating systems and the fundamentals of network administration within the context of cyber security. Note: This is a partial completion of the Certificate III in Information, Digital Media and Technology and does not carry scored assessment.

Sample units may include;

- Install and manage network protocols.
- Install, configure and secure small office or home office network.
- Provide basic system administration.
- Determine and action network problems.

Certificate III in Information, Digital Media and Technology (Games)

ICT30120

Delivered at Chisholm, this course is designed to introduce students who are enthusiastic and passionate about gaming to the video games industry. The course covers IT hardware, digital imaging, animation, principles of game design, and interactive gaming and industry tools such as Unreal Development Kit. Students will be taught some advanced features of Microsoft Office. At this level, the emphasis is on simple game design. Note: This is a partial completion of the Certificate III in Information, Digital Media and Technology and does not carry scored assessment.

Sample units may include;

- Review and apply the principles of animation
- Identify and apply principles of games design and game playing.
- Create visual design components for interactive games.

Certificate III in Interior Decoration Retail Services

MSF31018

Delivered at EMC in partnership with Collarts, Students will learn the skills and knowledge of the interior decoration industry in a retail environment. It will be delivered through a variety of interactive tutorials and class activities.

You will work in groups and individually on activities weekly that build towards the completion of a portfolio of visual work.

Investigative tasks will be used to immerse you in the introduction to interior design elements, such as materials and finishes, lighting, furniture and accessories; the design industry and its value in society and the relevance of history in contemporary design.

Practical tasks (entry-level) will include exploration of the following design essentials:

- Colour theory
- Ergonomics
- Manual drawing and computer-aided design
- Preparation of a mood board to communicate ideas
- Use of measuring device
- Identifying and sourcing design project requirements
- WHS implications of interior decoration effects

Certificate II in Kitchen Operations

SIT20416

Delivered at Chisholm or Bayside Christian College, this course is designed to introduce students to patisserie (cakes and pastries) or general cooking and provides the skills to work in a range of hospitality establishments. In the second year of the program students are required to complete 12 service sessions and complete a log book. It is strongly advised that students complete at least some of this in the workplace, which can include Chisholm student restaurants.

Sample units may include;

- Prepare and present simple dishes.
- Use hygienic practices for food safety.
- Prepare dishes using basic methods of cookery.

Certificate III in Make-Up

SHBB30121

Delivered at Chisholm, this course introduces students to the theories and practices necessary for a vocation in make-up. The first year covers design, applying and removing make-up, photography and camouflage makeup and providing service to clients. The second year covers eyelash extensions, fantasy make-up, airbrushing and the running of a business. The student kits have industry standard professional makeup and tools which they are encouraged to use on models outside school time. This course is run for a full day, 9am – 3pm.

Sample units may include;

- Design and apply make-up for photography.
- Apply airbrushed make-up.
- Design and apply creative make-up.
- Create storyboards.
- Design and apply remedial camouflage make-up.

Certificate III in Music Industry (Performance)

COSAMP (41549)

Delivered at EMC in partnership with Collarts, Students will learn the skills and knowledge of the interior decoration industry in a retail environment. It will be delivered through a variety of interactive tutorials and class activities.

You will work in groups and individually on activities weekly that build towards the completion of a portfolio of visual work.

Investigative tasks will be used to immerse you in the introduction to interior design elements, such as materials and finishes, lighting, furniture and accessories; the design industry and its value in society and the relevance of history in contemporary design.

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- Use of measuring device
- Identifying and sourcing design project requirements
- WHS implications of interior decoration effects .

Certificate III in Music – (Sound Production)

COSAMP (41549)

Delivered at Mt Eliza Secondary College, this program provides students with a wide range of knowledge and skills to be able to work in the music industry in a variety of music technology and related fields, including live technology, multimedia and recording technology.

Sample units may include;

- Work effectively in the music industry.
- Develop basic audio skills and knowledge.
- Record and mix a basic music demo.
- Install and disassemble audio equipment.

Certificate II in Plumbing

22569VIC

Delivered at Somerville Secondary College, this course is designed to introduce students to the basic theory and practice of plumbing in order to prepare them to enter the plumbing industry or a plumbing and gas-fitting apprenticeship.

Sample units may include;

- Fabricate simple plumbing pipe systems.
- Cut and penetrate building materials and structures.
- Perform basic oxy-acetylene welding and cutting.
- Read and interpret plans and specifications.
- Apply basic sheet metal practices.

Certificate II in Salon Assistant

SHB20216

Delivered at Chisholm, this one-year program will offer students the training of a first-year salon apprentice in their initial six months. Training includes practical skills for styling, basin services and removal of chemicals, as well as theory studies in client communication. A work placement of 40 hours is mandatory. If students are unable to source placement, they will be able to access Chisholm Salon days. (Salon days may not be scheduled on the same day as the VET program).

Sample units may include;

- Provide shampoo and basin services.
- Conduct salon financial transactions.
- Provide head, neck and shoulder massages for relaxation.
- Braid hair.

Certificate III in Screen and Media

CUA31020

Delivered at Chisholm, this scored VCE VET course is designed to equip students for working as assistants in the multimedia and design industries. This program includes authoring interactive sequences, drawing, design, digital image creation, production and preparation of photo images, preparation of video assets.

Sample units may include;

- Produce and prepare photo images.
- Prepare video assets.
- Create visual design components.
- Write content for a range of media.

Certificate III in Sport, Aquatics and Recreation

SIS30122

The program is delivered at EMC and provides students the opportunity to acquire and develop the skills, knowledge and confidence to work in the areas of sport and recreation. Leadership, organisational and specialist activity skills will be developed through theory and practical sessions. The certificate can provide pathways into further education and training in the community recreation industry including assisting with the conduct of recreation activities, events and promotions, facility maintenance, operations and other associated tasks and work in facilities such as leisure centres, aquatic centres and adventure and theme parks.

Sample units may include;

- Provide First Aid.
- Maintain sport, fitness/rec facilities.
- Conduct non-instruct sport/fitness sessions.
- Facilitate groups.
- Deliver recreation sessions.

Certificate III in Visual Arts

CUA31120

This course is designed for further study in all visual and creative art fields, and concentrates on creative thinking, design principles and arts practice theory. It explores drawing techniques including observational drawing, 2D studies including painting and printmaking techniques, 3D studies and photo media (Adobe Photoshop). All teachers of the course are practising artists who bring years of creative thinking and practice to the classroom.

Sample units may include;

- Produce drawings.
- Produce paintings.
- Plan a career in the creative arts industry.

DEFINITIONS: What is...?

Distance Education

Distance Education is organised through the Virtual School Victoria (VSV). VSV has a broad range of subjects, some of which are quite niche and may not be offered at many secondary schools (e.g. Classical Studies, Economics). Others may be utilised where there is an unresolvable clash with student subjects (e.g. Biology, Maths).

See the website for the most up to date details:

<https://www.vsv.vic.edu.au/>

Victorian Virtual Learning Network (VVLN)

VVLN is similar to VSV. It is run through Bendigo Senior Secondary College, and has several high level, targeted subjects. Students work in groups and meet regularly via Webex. VVLN visits students at EMC so students meet their teachers, and are given resources. VVLN specialise in: Accounting and Specialist Maths for our students.

<https://vln.bssc.edu.au/>

Victorian School of Languages (VSL)

The VSL has a focus on languages other than English. Languages can be studied at any time through secondary school. Obviously to enrol in a language other than English at VCE level, students must show proficiency in reading, writing and speaking the language. This could include being a native speaker of the language at home, or completing secondary school study in the language. There are many languages that can be included as part of a VCE course of study. For example, Arabic, Hindi, Italian, Vietnamese. Classes are conducted face to face or online outside of school hours. See the link below for details.

<https://www.vsl.vic.edu.au/>

Vocational Education & Training (VET)

VET provides students with a nationally recognised TAFE qualification as part of their senior school subjects. VET certificates are available in a broad range of areas, and are at a Certificate II or III level depending on the area of study. These studies are available at many locations, including EMC, other secondary schools, or TAFE. They are conducted for either half a day or a full day depending on the certificate. They may run outside of school hours.

School-based Apprenticeships & Traineeships (SbATs)

SbATs are like a part-time apprenticeship or traineeship. Students remain at school, as well as begin their apprenticeship or traineeship part-time with an employer. It is the employer who initiates the SbAT and will sign the student up with an Australian Apprenticeship Support Network Provider on a Training Plan. The school, student, parent and employer sign the training plan, and the student commences a first year apprentice / trainee on a part-time basis. For further information, use the following link:

<https://www.australianapprenticeships.gov.au/school-based-apprenticeships>

Victorian Certificate of Education (VCE)

The VCE is the high school certificate awarded to Victorian Year 12 students. VCE is a two year course of study. Students must satisfactorily complete a minimum of 16 units (1 unit = 1 semester of study). Most VCE students complete 20 to 22 units over the two years. VCE can be made up of both VCE Studies and VET studies.

<https://www.vcaa.vic.edu.au/studentguides/myvce/Pages/HowVCEWorks.aspx>

VCE Tertiary Pathways (TP)

At EMC, we have divided studies up into those that contribute to students going on to complete University and TAFE courses. Students who need to sit the exams and gain an ATAR would undertake the VCE TP course of study

VCE Vocational Major (VM)

The VM sits within VCE. It consists of more applied learning style studies. Completing the Vocational Major does not lead directly to University or some Higher Education TAFE courses. Students who undertake the VM in VCE usually have a clear pathway in mind that doesn't require University or Higher Education study.

Student Assessed Coursework (SAC)

Each VCE study has a Study Design that outlines the requirements to assess student capabilities in that subject. Part of this is course work that is then assessed by a SAC. The SACs are scored numerically. Each subject has a different number of SACs that contribute to the overall study score for the unit and the study.

<https://www.vcaa.vic.edu.au/studentguides/myvce/Pages/HowVCEWorks.aspx#:~:text=School%2Dbased%20assessments%20are%20set,are%20marked%20at%20your%20school.>

Study Score

The study score is the score that each student attains in a VCE study. The score is made up of the SAC results from Unit 3, SAC results from Unit 4, and the end of year exam result.

[https://www.vcaa.vic.edu.au/curriculum/vce/vce-faqs/Pages/current-students.aspx#:~:text=What%20is%20a%20study%20score,VTAC\)%20to%20calculate%20the%20ATAR.](https://www.vcaa.vic.edu.au/curriculum/vce/vce-faqs/Pages/current-students.aspx#:~:text=What%20is%20a%20study%20score,VTAC)%20to%20calculate%20the%20ATAR.)

Australian Tertiary Admissions Test (ATAR)

The ATAR is a ranking. Every students who completes VCE and sits the exams at the end of Year 12 will gain an ATAR. The ATAR ranks students against all others in the state. The ATAR is calculated by VTAC, using the study scores for each Year 12 subject. The highest ATAR is 99.95 The average ATAR last year was 69.26 across Victoria.

University Enhancement

Some high achieving students undertake a VCE study beginning whilst they are in Year 10 & 11. This means they complete a subject early. As a result, these students can apply to undertake a University Enhancement Subject. This means they take a first year university subject in an area of interest. These are offered through Deakin University, Federation University, RMIT. These studies attract points towards the ATAR and give students a taste of university life, as well as the satisfactory completion of one of their studies for the following year. These can be done mostly on line with some face to face classes, labs, or other requirements where the student may need to travel to the university for a few sessions throughout the year.

General Achievement Test (GAT)

The GAT is undertaken by all Year 12 students, as well as Year 11 students undertaking a Year 12 subject. It assesses literacy, and all subjects areas. It is a 3 hour test that is compulsory for all students. The GAT is used where a student may be unable to undertake the end of year exams due to extenuating circumstances. It is also used as a guide where the study scores and the exam scores are very different. The GAT is also used for data gathering.