



2016

Year 11 and 12

Handbook

A student guide to subjects offered
and course selection

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INTRODUCTION

The purpose of this booklet is to provide students with information about Years 11 and 12 and the subjects that will be offered in 2016.

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

The best advice is to choose studies:

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

At Western Port Secondary College excellence is valued and recognised, including academic, creative, sporting, practical, and vocational achievements as well as community involvement. The College has delivered highly regarded vocational education and training (VET) programs in Hospitality, Information Technology and Engineering, Fashion Design, Building and Construction and Community Recreation, as well as assisting students to participate in other VET courses off campus. We provide a range of programs, which allow our students to take up a broad range of post-school options.

The College provides senior Students with numerous leadership opportunities, including College Captaincy, Student Leadership Council, House Captaincy, Environmental, Art and Sport Captaincy and Peer Support Leaders. There are also many varied extracurricular activities such as public speaking, production, college band, sporting teams, etc. It is hoped that these opportunities will assist our senior students to become confident, successful and equipped for the challenges of tertiary education and beyond.

Three essential qualities required from the students are initiative, discipline and commitment. These are necessary to meet the challenges of the final three years of secondary schooling.

Students need to establish sound work habits and learn to set priorities for their commitments and personal goals at school and at home. Having the correct class room materials, textbooks and diary are essential for students to be successful in their studies. Students are expected to wear full school uniform at all times.

Western Port Secondary College will be aiming to encourage all senior students to invest effort and time into achieving success and doing their best.

Although the senior years are challenging, we hope our students will also find them enjoyable and some of the most memorable of their school years.

FOR A FULL VERSION OF THE HANDBOOK GO TO:

<http://www.westernportsc.vic.edu.au/parent-information/publications/>

OR FOR POLICIES AND GUIDELINES GO TO:

<http://www.westernportsc.vic.edu.au/parent-information/policies/>

Please contact the following staff at the College for further information or assistance.

Ms Jenni Hodgins
*Year 10 Learning Level
Leader*

Ms Kara Dunstan
*VCE Learning Level
Leader*

Mr Kevin Hall
VET and SBAT Leader

Mrs Donna Geritz
VCAL Leader

SENIOR SUITE OF PROGRAMS

We aim to ensure that all students complete a Year 12 equivalent whether that is VCE or VCAL. We value each option equally and hold each up as a very important option for our students. A rich array and combination of subjects is possible for our students following extensive course counselling from our Senior School team.

ABOUT THE VCE

The Victorian Certificate of Education (VCE) is a certificate that recognises the successful completion of your secondary education and provides pathways to further study at university, Technical and Further Education (TAFE) and to the world of work.

ABOUT VCAL

The Victorian Certificate of Applied Learning (VCAL) is a certificate that recognises the successful completion of your secondary education. VCAL provides a pathway to TAFE, an apprenticeship, university or employment linked to training. It gives you practical work-related experience, as well as literacy and numeracy skills and the opportunity to build personal skills that are important for life and work.

If you begin your studies in the VCE or VCAL and then wish to change your enrolment to the other certificate you can use units satisfactorily completed in VCE or VCAL to provide credit towards your new course of study.

ABOUT VET

As part of your VCE you can choose a Vocational Education and Training (VET) subject. This means that you will be undertaking training in a specific vocational area, for instance hospitality, agriculture, information technology or engineering.

As part of your VCAL program it is compulsory to elect a VET subject. A VET program contributes to your VCE or VCAL in the same way that other studies contribute, however only scored VET programs with exams contribute towards an ATAR (Australian Tertiary Admission Rank) score. All VET subjects are discussed in more detail later in this booklet.

ABOUT SCHOOL BASED APPRENTICESHIPS AND TRAINEESHIPS (SBAT) and (ASBA) (Australian School Based Apprenticeships)

Another way for vocational training to contribute towards your VCE or VCAL is through an ASBA which is either a part-time apprenticeship or part-time traineeship program. If you would like further information on SBATs and or ASBAs available, please contact the Senior School.

Please contact Mr Kevin Hall (VET and SBAT Leader) or Mrs Donna Geritz (Assistant Principal and VCAL Leader) for more information about VET and VCAL courses.

COURSE SELECTION PROCESS

<i>Date</i>	<i>Event</i>	<i>Action Required</i>
Thursday 23rd July <i>Period 1, 2 & 3</i>	Introduction to Pathways	<ul style="list-style-type: none">• Student attendance (as per normal)
Thursday 23rd July <i>7.30pm</i>	Subject Selection Parent Information Evening	<ul style="list-style-type: none">• Parent and Student Attendance• Book Course Selection Conversation appointment time
Monday 27th August <i>Period 3 and 4</i>	Year 10 Spruik Your Subject Session	<ul style="list-style-type: none">• Student Attendance (as per normal)
Wednesday 5th August <i>8am – 10am</i> or Thursday 6th August <i>3.30pm – 6.30pm</i> or Tuesday 11th August <i>3.30pm – 6.30pm</i> or Thursday 13th August <i>8am – 10am</i>	Year 10 Course Conversations <i>(attend a 15min appointment during ONE of these times)</i>	<ul style="list-style-type: none">• Parent and Student attendance with Senior School Teacher (Community Meeting Room)
Friday 21st August	Subject Selection Forms DUE	<ul style="list-style-type: none">• Final day for submission of Subject Selection Forms

Subject confirmation will occur as soon as possible following the completion of the above process.

SUBJECT CHARGES

In 2016 there will be an Essential Education Items charge and the College Council has requested a Materials and Services charge be applied. Please be aware that some subjects will attract additional charges for materials. Participation in these electives will depend on full payment of the additional materials charge.

Please see the following pages of this handbook for fees related to VET and SBAT courses.

<i>Subject</i>	<i>Materials Charge</i>
VCAL Intermediate	\$180
VCAL Senior	\$180
Art	\$80
Biology	\$20
Business Management	\$20
Chemistry	\$20
Food Technology Units 1 & 2	\$90
Foundation Maths Units 1 & 2	\$20
Further Maths Units 1 & 2	\$20
General Maths Units 1 & 2	\$20
History: 20th Century Units 1 & 2	\$20
History: Revolutions Units 3 & 4	\$20
Health & Human Development	\$20
Legal Studies	\$20
Literature	\$25
Maths Methods	\$20
Music	\$20
*Outdoor & Environmental Studies - This includes all practical activities & Camp	\$400
*Physical Education	\$105
Physics	\$20
Psychology	\$20
Sociology	\$20
Studio Arts	\$90
Visual Communication and Design	\$50

*Eligible for CSEF

VET- VOCATIONAL EDUCATION AND TRAINING

- All VET subjects count toward a student's VCE/VCAL.
- VET subjects are designed to be more vocationally oriented than other VCE subjects.
- Generally VET subjects are more practical (hands on) than other VCE subjects.
- All VET subjects incur a cost. They are often overseen by organisations outside of the school and are often delivered by instructors outside of Western Port teachers. These instructors and organisations charge costs, which are independent of normal school funding. Costs vary according to the program selected.
- All VET subjects require students to undertake on the job work placement.

VET Subject Offered	Venue	Fee
Art and Technology Industries		
Certificate II Applied Fashion Design	Elisabeth Murdoch College, Langwarrin	\$300
Certificate II Hospitality, Kitchen Operations	Western Port Secondary College, Hastings	\$300
Certificate III Music Technical Production	Mt Eliza Secondary College, Mt Eliza	\$300 plus kit
Certificate III Music Performance	Mt Eliza Secondary College, Mt Eliza	\$300 plus kit
Certificate II and III in Acting (Screen)	Elisabeth Murdoch College, Langwarrin	\$300
Certificate II Visual Arts	Chisholm, Frankston	\$300
Information Technology, Business and Retail Industries		
Certificate II Business	Chisholm, Frankston	\$300
Certificate III Media	Chisholm, Frankston	\$300
Certificate III Media (Games Design)	Chisholm, Frankston	\$300
Beauty, Health and Sport Industries		
Certificate II Dance	Elisabeth Murdoch College, Langwarrin	\$300
Certificate II Sport and Recreation	Western Port Secondary College, Hastings	\$300
Certificate II Outdoor Recreation	Chisholm, Frankston	\$300
Certificate III Health and Community Care	Chisholm, Frankston	\$300
Certificate II Hairdressing	Chisholm, Frankston	\$300 plus kit
Certificate III Beauty	Chisholm, Frankston	\$300 plus kit
Certificate II Make Up Services	Chisholm, Frankston	\$300 plus kit
Animal Industries		
Certificate III Equine Industry	Toorak College, Mt Eliza	\$300
Certificate III Animal Studies	Elisabeth Murdoch College, Langwarrin	\$300
Community Services Industries		
Certificate III Early Childhood Development	Chisholm, Frankston	\$300
Certificate III Aged Care	Chisholm, Frankston	\$300
Certificate IV Justice	Chisholm, Frankston	\$300
Certificate III Community Services	Chisholm, Frankston	\$300
Certificate II Tourism and Event Management	Chisholm, Frankston	\$300
Certificate III Laboratory Skills	Chisholm, Frankston	\$300
Certificate III Early Health Services Assistant	Chisholm, Frankston	\$300
Environmental Industries		
Certificate II Agriculture	Chisholm, Rosebud	\$300
Traditional Trade Industries		
Certificate II Automotive	Chisholm, Frankston	\$300
Certificate II Building and Construction	Western Port Secondary College, Hastings	\$300
Certificate II Electro technology	Chisholm, Frankston	\$300
Certificate II Engineering Studies	Chisholm, Frankston	\$300
Certificate II Engineering Construction- Welding	Chisholm, Frankston	\$300
Certificate II Integrated Technologies	Chisholm, Frankston	\$300
Certificate II Cabinet Making	Chisholm, Frankston	\$300
Certificate II Plumbing	Chisholm, Frankston	\$300

VICTORIAN CERTIFICATE OF APPLIED LEARNING (VCAL)

What is VCAL?

VCAL is the Victorian Certificate of Applied Learning and is an equivalent alternative to the traditional VCE. VCAL is for students who have a clear pathway plan and wish to enter into either TAFE, apprenticeship, full time employment or other further education that does not require an ATAR score.

The aim of VCAL is to provide a learning environment to suit Senior School students who wish to pursue post secondary schooling, vocational education or to move straight into an apprenticeship, employment or TAFE certificate.

Students studying VCAL are required to complete units from the following areas:

- Literacy and Numeracy Units
- Work Related Skills
- Personal Development
- Industry Specific Skills
- A nominated VET certificate

VET (Vocational Education & Training)

Students are also required to undertake regular Structured Workplace Learning and a VET course in order to be eligible for their certificate. Students are expected to undertake an Intermediate Certificate in Year 11 and a Senior Certificate in Year 12.

DIFFERENCES BETWEEN VCAL AND VCE

If a student has no idea about what they want to do after they have finished school, then they should enrol in the VCE. Conversely, if a student does have a clear pathway i.e. TAFE, apprenticeship, traineeship, cadetship, Electrician, Medical Receptionist then they should enrol in VCAL. Students who take the VCAL pathway can apply to university.

WHY VCAL?

The VCAL is a very flexible program. It offers students an individualised program that is designed to lead the student into their preferred future pathway. Staff assist students in developing their own individual program that meets the requirements of the certificate.

An example of a student program in VCAL

Structured Workplace Learning – One day per week in employment that reflects students chosen pathway	VET - Several VET course to choose from suitable to student pathway	Personal Development Strand includes other certificated courses such as MAT and SCOPE Young Ambassadors Program	Foundation English Units 1 & 2 (VCAL Literacy)	Intermediate Numeracy	Work Related Skills – Small Business Management course.
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ASSESSMENT AND THE VCAL

As is the case with VCE, VCAL students must meet a set of Learning Outcomes outlined by the VCAA and the VQA.

Students will complete a number of tasks on which they will be assessed as a satisfactory completion, S, or non-satisfactory completion, N. Ten units at a specific level will result in a certificate for that level. Students are able to complete ten units in one year, but may prefer to complete the units over a longer period of time.

VCAL GRADUATION REQUIREMENTS

Students have to demonstrate competency in each outcome in each subject on two separate occasions or more. Students must attend two panel interviews and present a portfolio of work.

These units must include:

- Personal Development Skills
- Work Related Skills
- Literacy Skills & Numeracy Skills
- Industry Specific Skills

Please note: To attain the VCAL certificate, students must also successfully complete the VET and Work Placement requirement of the VCAL course.

PROCESS FOR ENROLMENT IN VCAL

To ensure that students most suited to the VCAL program are selected for a place, the enrolment process for 2016 will be as follows:

- 1) Student identifies interest in VCAL through Course Counselling process
- 2) Student completes 'VCAL Expression of Interest' / Application Form
- 3) VCAL co-ordinator checks student background to ensure VCAL is the right pathway for the student. If OK organises interview time
- 4) Student attends panel interview consisting of members of the Senior School staff. Student needs to demonstrate at interview a clear pathway plan, a VET proposal that will compliment it, a willingness and genuine interest to be involved in the program and a clear approach to SWL and preliminary business arrangement
- 5) If approved by the panel, a TENTATIVE timetable and program is offered
- 6) In order to CONFIRM VCAL placement student must by a date to be set but prior to roll over:
 - a. Confirm all SWL details and complete all relevant forms
 - b. Student to have elected and enrolled in a VET course
 - c. VCAL levy paid
 - d. Student, parent and school sign contract outlining expectations - enrolment provisional for term 1 subject to expectations being met.

A five star
sustainable school

Programs in

> health and
wellbeing

> community and
the arts

> natural and
constructed
environment

> peninsula and
beyond

> vocational
training,

pathways and
apprenticeships

Sustainable pathways at Western Port Secondary College

Lifestyle Culture Environment Place Practice

Enabling creative lifelong learning, adapting to the workforce
and meeting the challenges of a changing world

Lifestyle

Health and
wellbeing

*Advance—Surf Life
Saving
Biology
Chemistry
Food Technology
Health & Human Dev
Healthy Living
Maths: Further,
Methods, Specialist
Outdoor & Environ-
mental Studies
Physical Education
Physics
Psychology
Science
VET Community
Services
VET IT*

Culture

Community and the
arts

*Art
History
Humanities
International Studies
Literature
LOTE: Indonesian
Music
Multi-Media
Music
Philosophy
Photography
Sculpture
Sociology
Studio Arts
Textiles
Visual Com & Design
VET Fashion&Design
VET Dance*

Environment

Natural &
constructed
environments

*Art
Geography
Humanities
Information Tech
Metalwork
Marine Studies
Maths: Further,
Methods, Specialist
Outdoor & Environ-
mental Studies
Science
Visual Com & Design
Woodwork
VCAL Programs
VET Building & Con
VET Civil Construction
VET Electro Tech
VET Engineering*

Place

Peninsula and
beyond

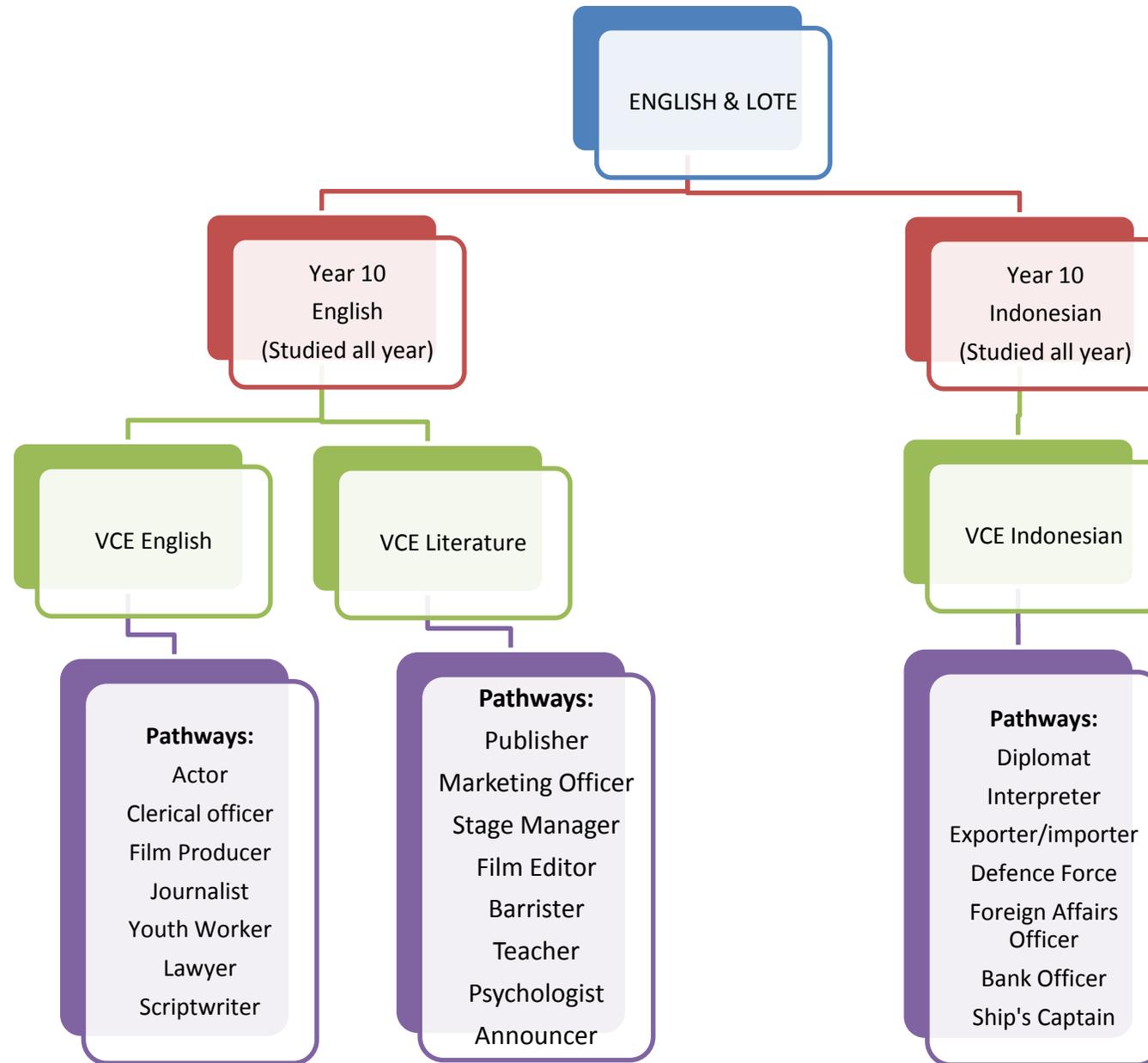
*Accounting
Business Man
Environ Science
Food Technology
Health & Human Dev
Healthy Living
Humanities
Industry & Enterprise
International Studies
Legal Studies
LOTE: Indonesian
Marine Studies
Outdoor & Environ-
mental Studies
Science
VCAL Programs
VET Community Rec
VET Hospitality*

Practice

Vocational training,
pathways and
apprenticeships

*Advance—Surf Life
Saving
Humanities
IT
Industry & Enterprise
Metalwork
Materials Tech
Outdoor & Environ
Studies
Physical Education
Small Engines
Technology Studies
Woodwork
VCAL Programs
VET Auto
VET Business Admin
VET Engineering
VET Hair & Beauty*

ENGLISH and LOTE POTENTIAL VCE PATHWAYS



VCE ENGLISH and LOTE SUBJECTS

English Unit 1 & 2

- The focus of these units is the reading of a range of texts, narrative and persuasive text in order to comprehend, appreciate and analyse the ways in which texts are constructed and interpreted
- Students read and respond to an expanded range of text types and genres in order to analyse ways in which they are constructed and interpreted

Literature Unit 1 & 2

- This unit enables students to develop effective reading strategies, to examine the ideas and views of life, which are presented in the literature and relate what they read to their own lives and social contexts
- Students develop an understanding of, and a critical response to, contemporary literature, and analyse and interpret literary texts for a variety of purposes
- Unit 2 focuses on developing reading strategies and personal responses to literature, and an understanding of how themes and ideas in texts comment on personal and social experiences

Indonesian Units 1 - 4

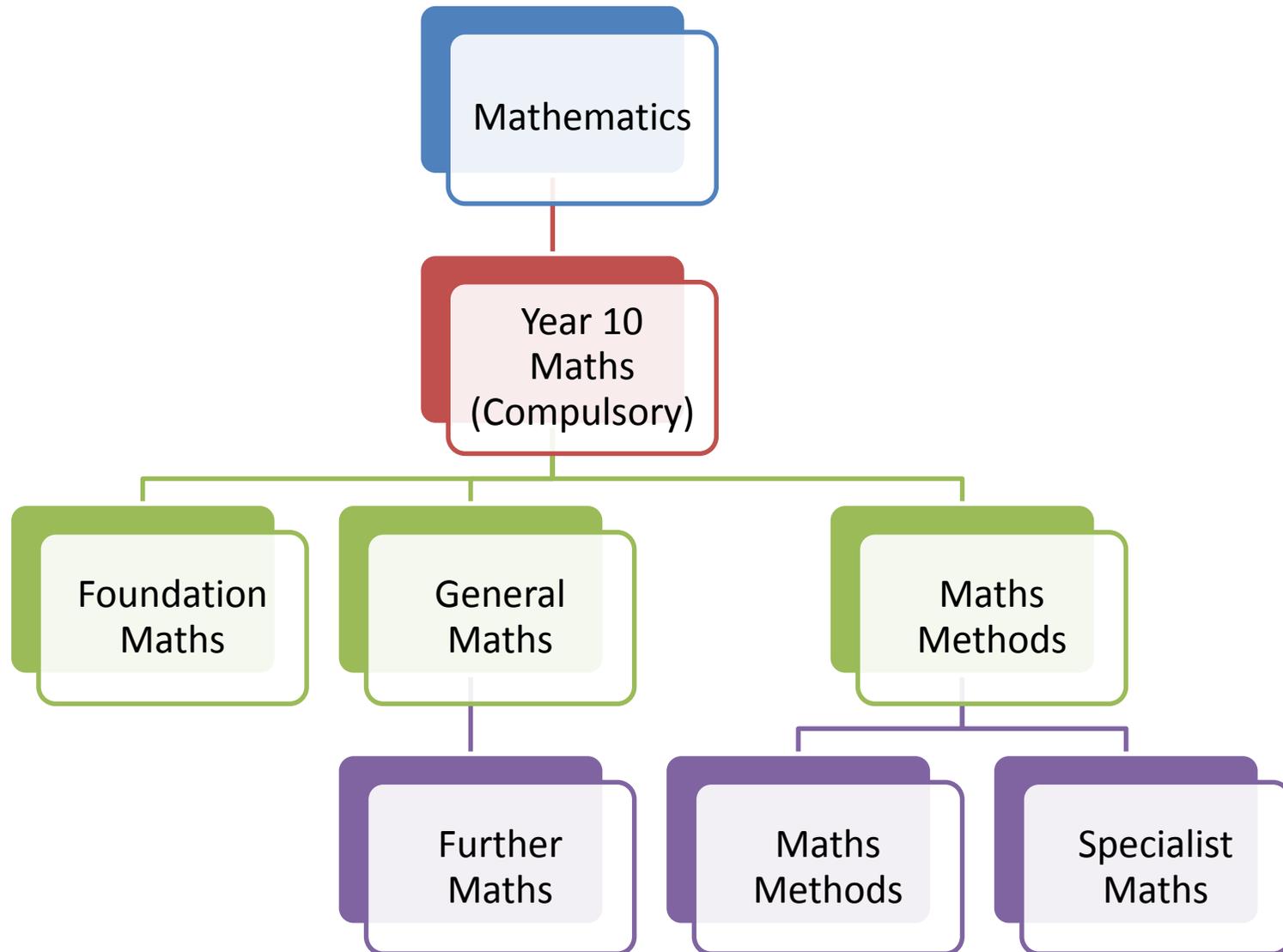
The areas of study for Indonesian as a Second Language comprise themes and topics, grammar, text types, vocabulary and kinds of writing. They are common to all four units of the study, and they are designed to be drawn upon in an integrated way, as appropriate to the linguistic needs of students and the outcomes for the unit.

Areas of study:

- The individual world
- The Indonesian – Speaking Communities
- The Changing World

The grammar, vocabulary, text types and kinds of writing are linked, both to each other, and to the themes and topic. Together, as common areas of study, they add a further layer of definition to the knowledge and skills required for successful achievement of the outcomes.

MATHS POTENTIAL VCE PATHWAYS



MATHEMATICS UNITS 1 & 2

Foundation Mathematics

Foundation Mathematics provides for the continuing mathematical development of students entering VCE, who need mathematical skills to support their other VCE subjects, including VET and VCAL studies, and who do not intend to undertake Units 3 & 4 studies in VCE Mathematics in the following year. There is a strong emphasis on using mathematics in practical contexts relating to everyday life, recreation, work and study.

General Mathematics

General Mathematics provides courses of study for a broad range of students with some choosing not to study Mathematics beyond Units 1 & 2, whilst others will intend to study Further Mathematics Units 3 & 4. Some students will choose to do this in conjunction with Mathematical Methods.

Mathematical Methods

Mathematical Methods provides a rigorous course of study designed for students wishing to do Mathematical Methods Units 3 & 4. The areas of study are 'Functions and graphs', 'Algebra', 'Rates of change and calculus' and 'Probability'. Students choosing this should have a good working knowledge of the underlying principles and techniques covered during their previous secondary years of education in Mathematics.

MATHEMATICS UNITS 3 & 4

Further Mathematics

Prerequisites are Units 1 & 2 General Mathematics. It assumes a good understanding in the areas of Statistics and Linear Relations and Equations. Units 3 & 4 consist of a compulsory core study of 'Data analysis' and then a selection of three from six modules in the 'Applications' area of study.

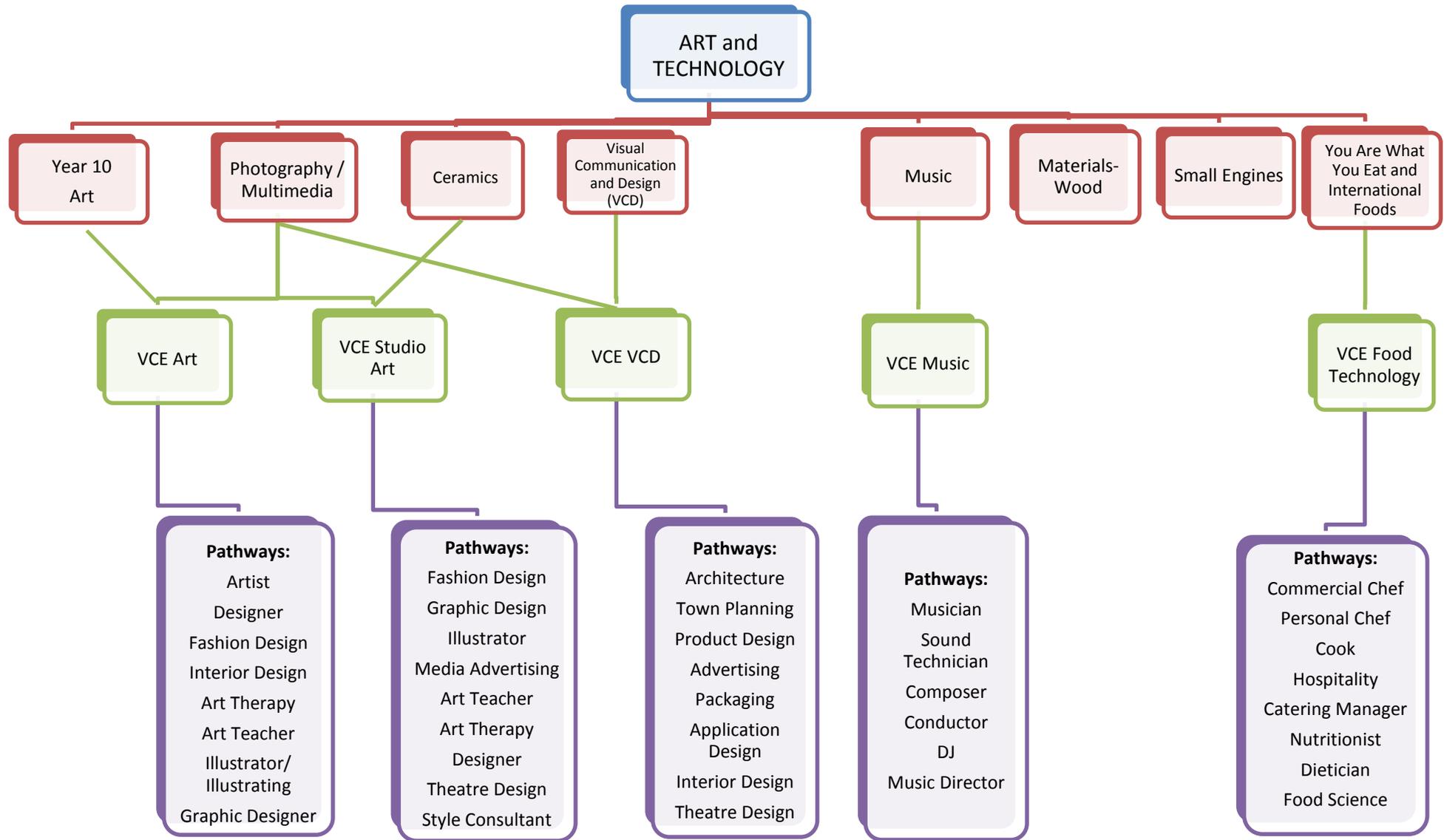
Mathematical Methods

Prerequisites for this subject are Units 1 & 2 Mathematical Methods. It assumes a high level of understanding in the areas of Algebra and Graphing techniques. Mathematical Methods Units 3 & 4 consists of the following areas of study: 'Functions and graphs', 'Calculus', 'Circular (Trigonometric) Functions', 'Algebra' and 'Probability'

Specialist Mathematics

Prerequisites for this subject are Units 1 & 2 Mathematical Methods. It must be taken in conjunction with Mathematical Methods Units 3 & 4. This is a challenging course designed for students who are expecting to pursue further tertiary based studies in the Maths/Science/Engineering fields.

ART AND TECHNOLOGY POTENTIAL VCE PATHWAYS



ART and TECHNOLOGY SUBJECTS

Art

Students will focus and study 2D art which includes drawing and painting. Unit 1 introduces the concept of Analytical Frameworks to support the interpretation of the meaning and messages of artworks, both as intended by the artist and as interpreted by the viewer. Students are encouraged to develop and apply skills while exploring areas of individual interest to create artworks. Students undertake a range of experiences that offer different ways of working to create a practical folio.

Food Technology

In this unit students study safe and hygienic food handling and storage practices to prevent food spoilage and food poisoning, and apply these practices in the preparation of food. Students examine the links between classification of foods and their properties, and examine changes in properties of food when different preparation and processing techniques are used. Students investigate the most appropriate tools and equipment to produce optimum results, including the latest developments in food technology. Students research, analyse and apply the most suitable food preparation, processing and cooking techniques to optimise the physical, sensory and chemical properties of food. Students work both independently and as members of a team to research and implement solutions to a design brief.

Music

This subject focuses on developing skills on a musical instrument. Through completing solo and group performances on that instrument and written work students will learn how to analyse music and their own performances. Students will also study music theory, composition and music technology. Students should be aware that they must attend a lesson with a qualified instrumental teacher once a week and complete practise tasks set by that teacher to satisfactorily complete the unit. The list of music performed in class is chosen by the student in consultation with the instrumental teacher and the classroom teacher.

Studio Art

Students will focus and study 3D art which includes sculpture and ceramics. On completion of this unit students are able to source inspiration, identify individual ideas and use a variety of methods to translate these into visual language. Students explore and use a variety of materials and techniques to support and record the development of individual ideas to produce artworks. Students are able to analyse and discuss the ways in which artists from different times and cultures have created aesthetic qualities in artworks, communicated ideas and developed styles.

Visual Communication and Design

The primary focus of this unit is on students developing drawing skills as a means of communication and to develop an understanding of how visual communications are shaped by past and contemporary factors. This unit offers a practical context for learning and applying drawing methods and an understanding and application of basic typography components. Area of Study 3 introduces students to the design process required to undertake visual communication design practice.

HUMANITIES POTENTIAL VCE PATHWAYS

HUMANITIES

Year 10
20th Century
History

Small Business
and Accounting

Legal Studies -
Motor Vehicles &
the Law

Geography &
Environmental
Science

International
Studies

VCE History
Units 1 & 2
Units 3 & 4

VCE Accounting
Units 1 & 2
Units 3 & 4

VCE Business
Units 1 & 2
Units 3 & 4

VCE Legal Studies
Units 1 & 2
Units 3 & 4

VCE Geography
Units 1 & 2
Units 3 & 4

VCE Sociology
Units 1 & 2
Units 3 & 4

Pathways:

Publisher
Researcher
Law Clerk
Defence Force
Editor
Tourist Information
Officer
Tour Guide
Journalist

Pathways:

Auditor
Office Administrator
Retail Buyer
Conveyancer
Tax Agent
Accountant
Farm Manager
Public Relations
Officer

Pathways:

Insurance Officer
Purchasing Officer
Retail Manager
Travel Consultant
Finance Clerk
Financial Journalist
Credit Officer
Real Estate Agent

Pathways:

Solicitor
Fisheries Officer
Real Estate Agent
Police
Advertising
Legal
Administration
Marketing
Bookkeeper

Pathways:

Marine Scientist
Zoologist
Pilot
Town Planning
Draftsperson
Travel Consultant
Ship's Officer
Surveyor

Pathways:

Youth Worker
Copywriter
Journalist
Personnel
Administrator
Research Assistant
Market Analyst
Sales Office
Manager
Community Project
Officer

HUMANITIES SUBJECTS

Accounting

These units focus on the establishment of a small business and the accounting and financial management of the business. Students are introduced to the process of gathering and recording financial data and the reporting and analysing of accounting information by internal and external users. Students use a single entry recording system for cash and credit transactions and the accrual method for determining profit.

Business Management

Units 1 & 2 in this subject focuses on general business concepts where small and large businesses are compared and contrasted, as well as day to day activities such as decision-making, planning and evaluation. Students have to plan a school-based activity, interview local business people, make presentations and show that they have an understanding of social responsibility in business. Students focus on communications, public relations and marketing concepts in second semester.

Geography

In Unit 1, students investigate the geographic characteristics of the natural environments and land forms and the natural processes that shape and change the Earth's surface. Unit 2 investigates the characteristics of rural and urban environments which are developed by human activities and their interactions with natural environments.

History

Unit 1 in VCE History is focus on 20th Century history looking at events between 1900 and 1945. Major wars and events such as WW1, ANZAC Day, The Russian Revolution and the Roaring 20's are the main crux of Unit 1. Unit 2 takes in the second half of the 20th century studying the Vietnam War, the social movements of the 60's, the rise and fall of the Cold War and the development of new technologies and the impact on our social life.

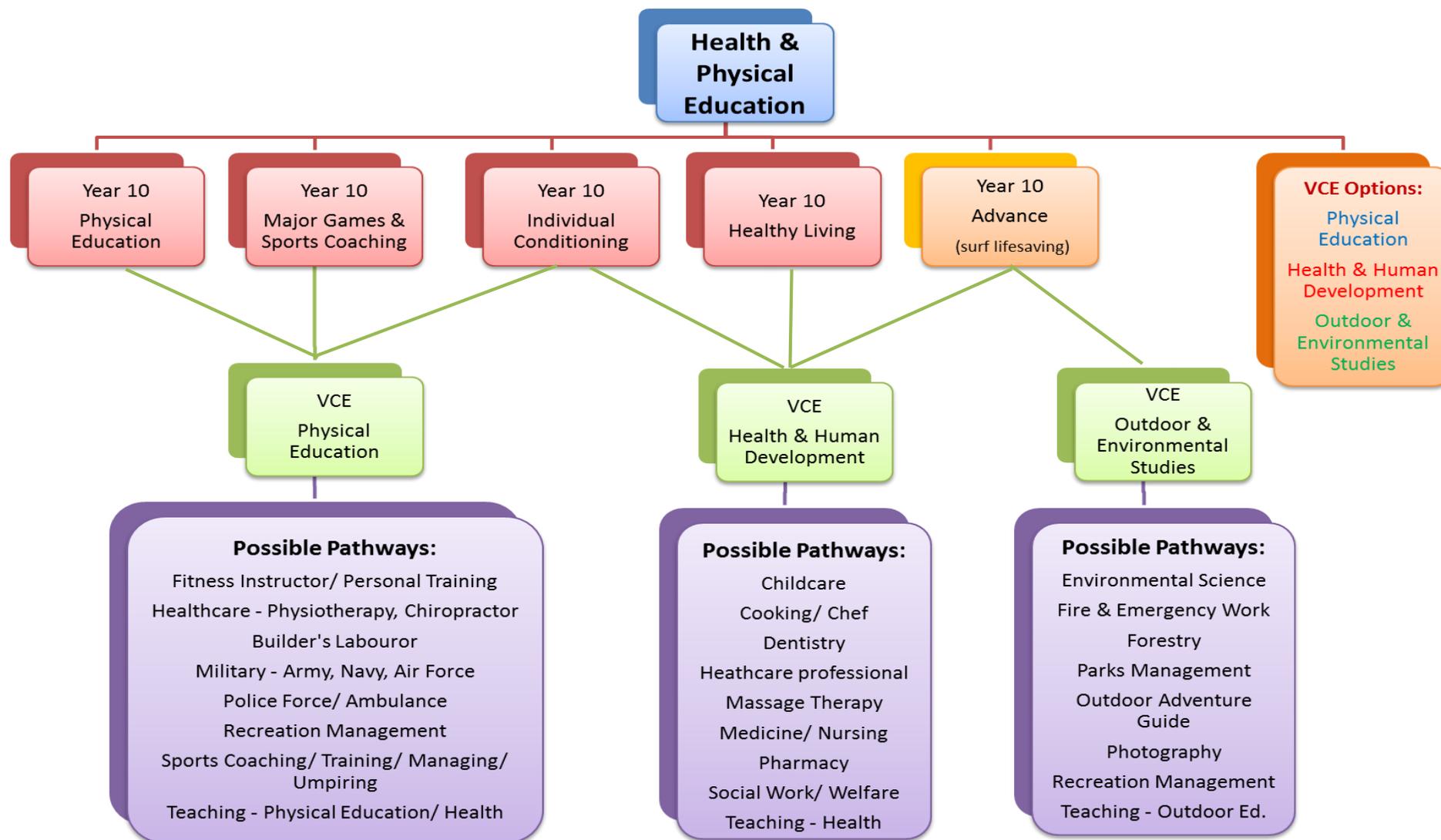
Legal Studies

Unit 1 introduces the distinction between legal and non-legal rules, the Victorian court hierarchy, and the process of making laws through Parliament. Unit 2 focuses on the effective resolution of civil disputes. It looks at the processes involved in civil litigation and possible defences to civil claims within our legal system.

Sociology

This area of study students are introduced to the discipline of sociology and the nature of sociological inquiry through the study of youth. This includes an introduction to the sociological imagination as a mindset that is constantly critiquing, asking questions such as 'Is it possible to be objective?' In Unit 2 students explore different definitions of the family and how families have changed over time. Students, consider definitions of family in its various forms, including nuclear, extended and blended families.

HEALTH AND PHYSICAL EDUCATION POTENTIAL VCE PATHWAYS



HEALTH and PHYSICAL EDUCATION SUBJECTS

Physical Education

This subject looks at the ways in which our bodies move — human movement. The course outlines the body systems involved in creating movement and ability to participate in physical activities. The course also looks at the way we learn new skills and the differences between elite athletes and the wider community. Local facilities are utilised to adapt theory classes to practical activities. Venues may include Pelican Park, Devil Bend Golf Club, Mornington Driving Range and Mornington Indoor Sports Centre.

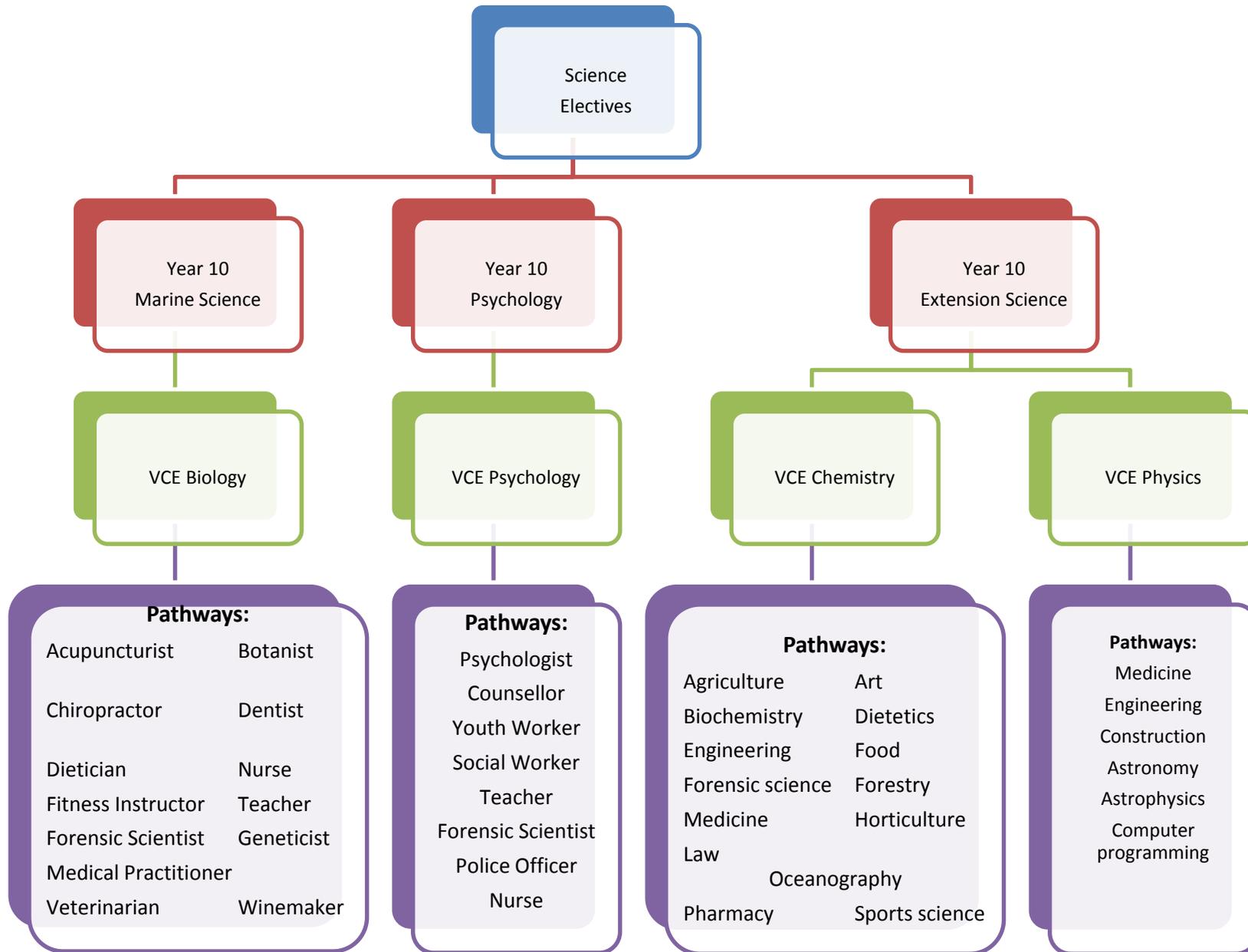
Health & Human Development

This subject provides an opportunity for students to investigate health and human development across the lifespan. Students will develop the knowledge, attitudes, values and skills to become actively involved in shaping the influences that determine their own health and development and the health of their local and global communities. It focuses on the health and individual development of youth by examining their health status, investigating the main determinants of youth health and researching a specific health issue related to youth.

Outdoor & Environmental Studies

This subject provides students with the opportunity to show an appreciation of Australian outdoor environments. Through involvement in practical outdoor experiences students will examine human relationships with outdoor environments as well as identifying sustainable ways to interact with nature. The focus is on the individual and the personal relationship to and experiences of outdoor environments. The unit provides an opportunity for students to explore the many ways in which nature is understood and perceived. Through related outdoor experiences, students develop the practical skills and knowledge required to live sustainably in natural environments.

SCIENCE POTENTIAL VCE PATHWAYS



SCIENCE SUBJECTS

Biology

Biology is the study of living things. This includes such diverse and complex organisms as humans and plants, to simpler organisms such as bacteria. Students study only their functions, but also the interactions between different organisms and their environment. Biology also looks at how although there are many different ways of surviving, all living things have many structural and functional characteristics in common.

Chemistry

Chemistry is a key science in explaining the workings of our universe through an understanding of the properties and interaction of substances that make up matter. Chemistry is used to explain natural phenomena at the molecular level, as well as create new materials such as medicines and polymers.

Physics

Physics is the scientific study of matter and energy and how they interact. Physics can be seen as the fundamental science that underpins all the others. Physicists study everything from the smallest building blocks of matter to the largest expanses of the Universe. The principles that govern these things and everything in between ultimately affect us all. We try to describe these things using mathematical models in order to better understand our world.

Psychology

VCE psychology students explore complex human behaviours and processes that influence thought, emotions and behaviour. Students will study visual perception, developmental theories, mental illness, the positive and negative power of peer pressure and responses to group behaviour. There will be focuses on the study of the relationship between the brain and the mind and on the interrelationship between learning, the brain and its response to experiences and behaviour.

EXAMPLE SUBJECT SELECTION FORM

	BLOCK A	BLOCK B	BLOCK C	BLOCK D	BLOCK E	BLOCK F
Year 11 Blocks	Art	Biology	Art	English	Chemistry	Business Management
	Literature	Food Technology	English	Physical Education	English	English
	Legal Studies	Music	Food Technology	Physics	General Maths	Health & HD
	General Maths	Outdoor Education	Physical Education	Studio Art	Foundation Maths	History
	Outdoor Education	VCD	Health & HD	Sociology	Psychology	Maths Methods
Year 12 Blocks	Literature	Biology	Psychology	Further Maths	Physical Education	Studio Art
	Art	Music	VCD	Legal Studies	English	Sociology
	History	Outdoor Education	Business Management	Physics	Chemistry	Health & HD
		History	English		Further Maths	Maths Methods
		English				