YEAR 10 COURSE SELECTION HANDBOOK

2024



ST ALBANS SECONDARY COLLEGE



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YEAR 10 2024 COURSE SELECTION HANDBOOK

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PRINCIPAL'S MESSAGE

We are pleased to present this Course Selection Handbook as a part of the school's Pathways Program to assist students in their selection of suitable courses and pathways into and through their middle and senior years of secondary education.

The Handbook contains up to date information on the core subject requirements and the electives to be offered in 2024 at our school, as well as the requirements needed to satisfactorily complete each unit of work.

This Handbook serves as a guide only for students, and should be used in conjunction with advice from the Careers and Course Selection Teams, and the information you have researched as part of your Pre-course Selection assignment.

We wish you every success in your future studies.

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Kerrie Dowsley Principal

YEAR 10 COURSES

- 1. When choosing subjects at Year 10 level you must always make sure that you keep your options open and take a wide a range of subjects.
- Courses or Careers you may be interested in. Your Pathways work with the Careers Team and your Pre-Course Selection Assignment is an excellent source of information and ideas.
- 3. We suggest that you find out as much as you can about different courses and careers. Talk to the Careers Team, Year Level Coordinators, Subject Teachers and Key Learning Area Coordinators.
- 4. Subjects will run depending upon the availability of teachers, facilities, class sizes and timetabling.

Enquiries about the contents of this booklet should be made to:

Ms Armstrong	Careers/Pathways/VET Coordin
Mr McIntyre	Middle Sub School Leader
Mr Alexandrescu	Assistant Middle Sub School Le
Mr Ryan	Middle Sub School Coordinate
Ms Mana-Mohan	Middle Sub School Coordinate
Ms Dickinson	Middle Sub School Coordinate
Mr Winduss	Middle Sub School Coordinate
Ms Bekiaris	Middle Sub School Coordinate

Learning Area Coordinators:

Mr D'Aglas	Arts
Ms Pantelli	Drama
Mr Orchard	Music
Mr Stammers	Commerce
Mr Rowland	English
Mr Lac	English as an Additional Language
Mr Lakovski	Health & Physical Education
Ms O'Connell	Humanities

2. Before selecting subjects make sure that you check particular requirements/pre-requisites for the Tertiary

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Mr McCall	Digital Technology
Ms Narasaki	LOTE
Mr Vincent	Mathematics
Ms Hanley	Science
Ms Panayiotou	Design Technology
Ms Gough	VCE – Vocational Major Learning Coordinator
Mr Krysinski	VCE Learning Coordinator

CAREERS INTRODUCTION

There are 3 factors to be considered when deciding on subjects:

- 1. Do you have some ability in the type of subject?
- 2. Do you enjoy that field of study?
- 3. How does it relate to your career intentions? Do you need to meet subject pre-requisites to gain entry to your tertiary courses?

You should begin now finding out as much information as possible about different careers. To find out more about careers:

- 1. Talk to People A good way of finding out what jobs are most likely to appeal to you is by talking to as many people as possible about the work they do.
- 2. Work Experience This can give you an insight into the world of work and an awareness of whether a particular job is right for you. All Year 10 students complete a mandatory Work Experience placement in Term 2.
- 3. Vocational Guidance There are people who can offer you specialised help in the careers area. Begin by visiting the Careers Department and talking to the Careers team at school.
- 4. Check out the following web pages:
 - My Future: <u>www.myfuture.edu.au</u>
 - VTAC Course Link <u>www.vtac.edu.au</u> Select 'Explore Options'
- 5. Remember to speak with your current teachers about your subject selection.

An Introduction to VCE - Vocational Major

There will be one senior certificate, VCE; however, students can elect to study a VCE - Vocational Major or a VCE program.

Students who complete VCE - Vocational Major, are more likely to be interested in going on to training at TAFE, doing an apprenticeship or getting a job after completing Year 12.

YEAR 10 UNITS OFFERED AT ST ALBANS SECONDARY COLLEGE

This is a full list of the Units offered and in which of the 9 Key Learning Areas they belong.

For more information on any of the units refer to the detailed descriptions that occur later in this booklet or contact the teacher named.

KLA	UNIT	DURATION
ARTS	Art Drama Music Multimedia Art and Design Visual Communication Design	1 Semester 1 Semester 1 Semester 1 Semester 1 Semester
COMMERCE	Law Managing a Business Personal Financial Management	1 Semester 1 Semester 1 Semester
DESIGN TECHNOLOGY	Fashion Food Studies Woodwork	1 Semester 1 Semester 1 Semester
DIGITAL TECHNOLOGY	Infographics Introduction to Programming Robotics Web Page Design	1 Semester 1 Semester 1 Semester 1 Semester
ENGLISH / ENGLISH AS AN ADDITIONAL LANGUAGE (EAL)	Applied English English English as an Additional Language (EAL) Extension English Bridging EAL Literature	2 Semesters 2 Semesters 2 Semesters 2 Semesters 2 Semesters 1 Semester
HEALTH AND PHYSICAL EDUCATION	Exercise Science in Physical Education Health & Wellbeing	1 Semester 1 Semester
HUMANITIES	Geography History (Core) History (Elective) Politics	1 Semester 1 Semester 1 Semester 1 Semester
LOTE	Italian Japanese (2nd Language) Vietnamese	2 Semesters 2 Semesters 2 Semesters
MATHEMATICS	Applied Mathematics Mathematics A Mathematics B Mathematics B (Advanced)	2 Semesters 2 Semesters 2 Semesters 2 Semesters
SCIENCE	Biology Chemistry Forensic Science Physics Psychology	1 Semester 1 Semester 1 Semester 1 Semester 1 Semester

MATHEMATICS PATHWAY RECOMMENDATION YEAR 10 IN 2024

In 2023, I have met the prerequisites to study (in 2024): (Tick the appropriate box below)

Mathematics Subject	Prerequisite
Mathematics B and Mathematics B Advanced	Maintain c Mathemat
Mathematics A	Satisfactor
Applied Mathematics	Satisfactor a modified Complete

For students already in Accelerated Mathematics classes: (Tick one or both boxes below)

	Mathematics Subject	Prerequisite
	Units 1 and 2 Mathematical Methods	Maintain a Mathemat
	Units 1 and 2 General Mathematics	Completio
Teache	r Name: Sig	gnature:

I acknowledge I have not met the prerequisites for the Mathematics course I wish to study.

My parent has requested a meeting be arranged with my Year Level Coordinator after course counselling.

Student Signature:

Parent Signature:



STALBANS SECONDARY COLLEGE

a `B' or above topic test average in the Year 9 atics course

ry completion of the Year 9 Mathematics course

- ory completion of the Year 9 Mathematics course on d program **or**
- ed the Learning Tasks of Year 9 Mathematics

)

a 'C' or above topic test average in Accelerated tics (SEAL Program)

on of Accelerated Mathematics (SEAL program)

Date:

COURSE PLANNING PAGE - YEAR 10

Name:

HG:

Proposed Year 10 Program

CHECKLIST

Enter your subject selections while ensuring each of the below points are met. Check off each point as you go. Your subject selections will not be accepted unless all the applicable points are met.

- Option 1 must be filled with either English or EAL ()
- Option 2 must be filled with either Applied Mathematics, Mathematics, A or Mathematics B ()
- If you've chosen Mathematics B, you must also select Mathematics B (Advanced) ()This must be entered twice, both in Semester 1 and Semester 2
- Option 3 must be filled with a subject from the Science KLA (pg 51 - 56)
- Option 4 must be History
- (If you choose a LOTE, this must be entered twice, both in Semester 1 and Semester 2
- Your remaining options must be filled with at least 1 unit from 3 different KLA areas

	Semester 1		Semester 2
1.	E		'EAL
2.			
3.		7.	
4.		8.	
5.		9.	
6.		10.	

Please note: we cannot guarantee that your chosen subject will be run in the semester you enter it.

Reserves Select 6 backup subject choices.	1. 2. 3.		4. 5. 6.	
Acceleration Subjects Indicate preferred acceleration subjects, if any.	1. 2.			
Student Signature:				Date:
Parent or Guardian S	ignatu	ıre:		Date:

ARTS

ART SEMESTER

Overview

Art meets the needs of students who wish to investigate various forms of studio production. Students explore a range of 2D media including Painting, Drawing, Printmaking and Computer software.

Contents / Skills

In Art, students learn to:

- explore media and application techniques appropriate for the development of a range of work
- investigate traditional and non-traditional use of media
- apply research as starting points to create their own artworks
- maintain a workbook which documents developmental work and research
- make a folio of artworks. •

Links to Further Study

VCE Studio Arts / VCE Visual Communication.

Selection Advice

This unit is designed for students with an interest in exploring art making and creative expression, visualisation and thinking, as well as those wishing to explore careers in the Arts industry.



ARTS

DRAMA SEMESTER

Overview

The study of Drama focuses on the creation and performance of characters and stories using non-naturalism. Students draw on a range of stimulus material and play-making techniques to develop and present devised work. Students also explore a range of performance styles and conventions, dramatic elements and stagecraft. They use performance and expressive skills to explore and develop role and character. They analyse the development of their own work and performances by other drama practitioners.

Contents / Skills

In Drama, students learn to:

- develop an understanding of different performance styles and conventions ٠
- develop and refine expressive and performance skills ٠
- focus on the processes used to develop and create performance works ٠
- develop leadership skills through group work and the production of performances ٠
- devise and perform dramatic works ٠
- analyse and evaluate a professional performance. •

Links to Further Study

- VCE Drama.
- VCE Theatre Studies. •

Selection Advice

This unit is available to all students. Students who enjoy the performing arts and want to develop their performance skills are encouraged to take this unit.

ARTS

MUSIC 1 SEMESTER

Overview

This unit focuses on developing skills in practical music and performance in solo and group contexts, studying performance and performing, and developing skills in aural comprehension and organisation of sound. Students will present a solo and a group performance, demonstrate prepared technical work and perform previously unseen music.

Contents / Skills

This study is designed to enable students to:

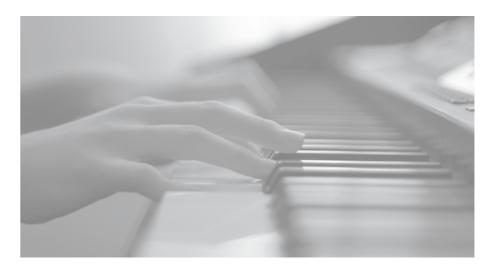
- develop skills in practical music making and performance
- develop performance skills in solo and group settings
- develop skills in giving prepared and unprepared performance
- develop skills in aural perception and comprehension
- develop skills in the organisation of sound •
- perform a program of selected works •
- develop an understanding of aspects relevant to music performance and the performer
- develop an understanding of interpretation in music performance and recording. •

Links to Further Study

Certificate III in Music (Performance) - Year 10 Music is designed to prepare students for entry to a VET - Certificate III in Music (Performance). This is a nationally recognised TAFE qualification that students complete whilst studying VCE.

Selection Advice

Students who enjoy the performing arts and want to develop their performance skills are encouraged to take this unit



MULTIMEDIA ART AND DESIGN 1 SEMESTER

Overview

This subject is directed towards increasing a student's ability and understanding of film making. Using a range of digital technologies and software such as Photoshop and Stop Motion, students explore production techniques and presentation styles for a range of digital images including film making.

Contents / Skills

Topics to be covered include:

- Image and message manipulation and analysis. •
- Audience identification. ٠
- Digital stills manipulation. ٠
- Animation and Story Boards. ٠
- Short film making techniques and production.

Links to Further Study

This subject offers a pathway to studies in VCE Studio Art, Visual Communication Design or IT.

VISUAL COMMUNICATION DESIGN 1 SEMESTER

Overview

Visual Communication is an area of study which equips students with the ability to communicate through a wide range of media. Students explore communication, environmental and industrial design. In this field of study students will learn about the various elements and principles of design and how to effectively incorporate them into their designs. Students will utilise various computer programs as well as technical drawing techniques used in industry.

Contents / Skills

Topics to be covered would include:

- Freehand, Instrumental and Computer Generated Designs.
- Drawing conventions.
- Concept development and the application of Elements and Principles of Design.
- Information Design.
- Technical Drawing and Product Design.
- Illustration.

Links to Further Study

VCE Visual Communication Design Units 1 - 4.

COMMERCE

PERSONAL FINANCIAL MANAGEMENT SEMESTER

Overview

This is a subject for students who to learn how to manage their personal finances. Topics covered in this course include; strategies to improve saving and disposable income, how to budget income to increase savings, investing money and growing wealth, understanding the tax and superannuation systems in Australia, how to manage debt and avoid falling victim to financial scams.

Contents / Skills

Topic 1: Spending and Saving:

- Why is budgeting important?
- How to complete a basic financial budget.
- Strategies to increase savings.
- Simple vs compound interest.
- Role of banks and accounts.
- Topic 2: Investing and Wealth Creation:
- Wealth and Net Worth.
- Risk and Return.
- Evaluating investment options: shares and property.
- Alternative investments: bonds, commodities, collectors' items, cryptocurrency and non-fungible tokens (NFTs).

Topic 3: Tax and Superannuation:

- What is tax and what it's used for.
- Income tax and filling individual tax returns.
- The superannuation system in Australia.
- How to choose a super fund.

Topic 4: Managing Debt and Avoiding Scams:

- The difference between good and bad debt.
- Credit cards and interest.
- Common financial scams.
- Strategies for avoiding scams and protecting others.

Links to Further Study

- VCE Business Management.
- VCE Economics.
- VCE Accounting.

Selection Advice

This subject is perfect for students looking to understand how to manage their own personal finances to achieve their financial goals in life.

COMMERCE

LAW SEMESTER

Overview

This subject looks at how the law impacts on people. Students will examine the role of law in society, key features of Australia's legal system at the state and federal levels, and factors causing changes to the law.

Contents / Skills

In Law, students learn to:

- investigate current legal case studies
- demonstrate an understanding of how laws are made and enforced
- examine key elements of criminal and civil law, including police investigative techniques, the court hierarchy and the jury system
- analyse changes to the law
- observe how a court works by attending an excursion to the Magistrates' Court and the Criminal Justice Museum
- learn their rights and responsibilities when dealing with the police
- conduct various role-plays involving how a law is made in parliament and how the jury system and court proceedings operate
- engage in an analysis and appreciation of the extent to which our legal system effectively achieves justice.

Links to Further Study

- VCE Legal Studies.
- VCE Global Politics.

Selection Advice

For students who are interested in developing knowledge about the legal system in Australia, how the law affects members of society and their legal rights as citizens. It is also relevant to those who have an interest in issues of social justice and law reform.



COMMERCE

DESIGN TECHNOLOGY

MANAGING A BUSINESS SEMESTER

Overview

This subject examines the operation, structure and financial management of businesses. It will enable students to investigate what is required to run a successful business. Students will also look at economic indicators, which are indicative of the overall state of the economy, which influences both consumers and businesses. Students will also study practical aspects of accounting and develop skills in calculating, recording and reporting financial events for a business. These skills and knowledge will be used to develop a business plan.

Contents / Skills

In Managing a Business, students learn to:

- identify economic indicators within an economy •
- analyse the economic wellbeing of countries ٠
- demonstrate an understanding of the relationship that exists between the wellbeing of the economy and business prosperity
- identify and analyse reasons for business success and failure ٠
- identify factors relevant to starting a small business
- ٠ demonstrate an understanding of how factors from the internal, operating and macro environments affects business
- analyse various forms of Business ownership and Structure
- determine business location and its importance to business success ٠
- identify sources of business opportunity and understand how business' seek to achieve competitive advantage
- develop an accounting system ٠
- record and report financial transactions into the appropriate journals and financial statements
- ٠ apply procedures for effective cash management control.

Links to Further Study

- VCE Business Management.
- VCE Economics.
- VET Business programs.
- Components of other VCE studies in Commerce such as Legal Studies.

Selection Advice

Students who are interested in future commerce subjects, as well as those who are interested in owning and running their own small business would find this unit beneficial.

FASHION 1 SEMESTER

Overview

This unit is designed to inspire creative fashion design. Each student participating in this program will remake or create garments suitable for runway modelling. Students will be expected to create garments to fit models of their choice. The models will be expected to parade the garments at the end of unit fashion parade.

Contents / Skills

In Fashion, students learn:

- developmental folio skills
- drawing and design skills
- pattern making
- flat bed sewing techniques
- appliqué, gluing and fastening techniques
- silk screening and fabric printing •
- embroidery and patchwork

Links to Further Study

- VCE Studio Arts.
- VCE Visual Communication Design
- VET Certificate III Applied Fashion Design and Technology.

Selection Advice

This course is for self-motivated students who have an interest in creative design and garment construction. Students will need to negotiate their production task, carefully document technical skills and engage in explorations of fashion designers in order to successfully complete this unit of study.



VCE Accounting.

DESIGN TECHNOLOGY

FOOD STUDIES SEMESTER

Overview

This subject has both a theory and a practical component.

Each week students will create & analyse food. The subject also examines the design process in relation to food preparation. Students will also investigate the broad knowledge and understanding of food properties, processing and preparation and their interrelationships. It addresses the importance of hygiene and safe working practices and legislation in the production of food.

Contents / Skills

In Food Studies, students will learn to:

- use problem-solving techniques to investigate, design, produce, evaluate and modify in relation to ٠ practical products
- investigate and develop design briefs and refine skills in production and evaluation ٠
- develop skills in the use of a range of tools, equipment and machines ٠
- study the types and uses of materials and their manufacture into products ٠
- develop skills in the use of a range of materials related to food production ٠
- study food additives, labelling and packaging, and food safety. ٠

Links to Further Study

- VCE Food Studies.
- VET Kitchen Operations. ٠

Selection Advice

Students who enjoy producing, designing and learning about food should consider this unit.

DESIGN TECHNOLOGY

WOODWORK 1 SEMESTER

Overview

This will enable students to explore different uses of wood and the systems and equipment associated with this. You will:

- analyse the appropriateness of using particular materials and systems for specific purposes
- prepare detailed design proposals and make products using a range of equipment
- analyse product effectiveness with reference to specified criteria.

Contents / Skills

- This unit focuses on emerging materials in the wood area, testing to Australian Standards and factors affecting product design. The practical work will cover production of a product using at least two different materials and at least three complex processes.
- Students will need to pay for or provide some of the materials used in producing their finished product. Students must complete a design folio, an investigation, the production work and an evaluation.

Links to Further Study

VCE Woodwork.

Selection Advice

This unit of study should be considered by students who enjoy designing and working with their hands.



DIGITAL TECHNOLOGY

INTRODUCTION TO PROGRAMMING

Overview

This unit introduces students to the world of programming. On completion of this unit students will have developed an understanding of the steps involved in writing computer programs.

Contents / Skills

Students will use one of the following software:

- Visual Basic
- Java
- Gamemaker.

Students will undertake hands-on activities to develop programming concepts needed to enter the field of programming. Students will have the opportunity to learn about the steps involved in programming. Students will also be introduced to the application of programming to create computer games.

Links to Further Study

- VCE Applied Computing Units 1 & 2.
- Certificate III in Information, Digital Media & Technology.
- VCE Data Analytics Units 3 & 4.
- Software Developments Units 3 & 4.

Selection Advice

Students wishing to develop an understanding of programming languages should undertake this Information Technology unit. It is strongly recommended that students have basic computer usage skills.

DIGITAL TECHNOLOGY

ROBOTICS 1 SEMESTER

Overview

In this unit, you will work in teams to design and construct EV3 Lego robots with touch or light sensors. You will learn basic software programming skills using drop-down function pallets and command icons. You will work as an individual and as a team. You will be given tasks which promote communication, negotiation, competition and teamwork.

Contents / Skills

In Robotics, students learn to:

- design and construct robots using the Lego EV3 platform
- prepare programs and test their effectiveness on their robot
- document and present their software projects.

Links to Further Study

- STEM related subject or study.
- VCE Technology.
- VCE Applied Computing Unit 1 & 2.
- VCE Data Analytics Unit 3 & 4.

Selection Advice

This unit will provide a practical basis for computer programming and has design applications outside of the school-based curriculum. Students interested in STEM related subjects are encouraged to consider.

tform eir robot

DIGITAL TECHNOLOGY

WEB PAGE DESIGN SEMESTER

Overview

This unit provides students with knowledge and skills to create websites using web authorising software, as well as developing their understanding of the use of programming languages within web pages. Students will also learn to insert multimedia in the web pages that they have created.

Contents / Skills

In Web Page Design, students will:

- select and analyse website structure development tools
- construct a website
- create web pages using mark up language
- format web pages to specification ٠
- create tables using mark up language
- validate web pages in different browsers to test for compatibility ٠
- evaluate a website
- insert images into web pages.

Links to Further Study

- VCE Applied Computing Units 1 & 2.
- Certificate III in Information, Digital Media & Technology.
- VCE Data Analytics Units 3 & 4.

Selection Advice

Students interested in a career in the IT industry or those who have an interest in web design will find this course useful.

DIGITAL TECHNOLOGY

INFOGRAPHICS 1 SEMESTER

Overview

This unit provides students with an understanding of how spreadsheets and other software can be used to manipulate data. Students work to develop skills that allow them to develop an infographic. Students also learn about privacy and security issues associated with maintaining online content.

Contents / Skills

- Collect data from a range of sources and evaluate authenticity, accuracy, timelines, privacy and security.
- Use appropriate file naming and backup procedures.
- Use spreadsheet functions to analyse data.
- Use graphic techniques to represent data in a user-friendly way.
- Work to generate information from data that has been sourced.
- Work collaboratively with other students to produce solutions to information problems.

Links to Further Study

- VCE Applied Computing Units 1 & 2.
- VCE Data Analytics Units 3 & 4.
- Certificate III in Information, Digital Media & Technology.

Selection Advice

Students wishing to study any IT course in Years 11 and 12 will find this unit helpful. Most non-IT courses at tertiary level involve at least some use of spreadsheets and an early understanding of this technology will be useful.

APPLIED ENGLISH 2 SEMESTERS

Overview

Participation in many aspects of Australian life depends on effective communication in Standard Australian English. The study of Applied English helps create confident communicators and informed citizens, helping young people to develop the literacy knowledge and skills needed for future training and the workplace.

Contents / Skills

In Applied English, students learn to:

- comprehend what they read and view in written, digital, and cinematic texts aimed to entertain, inform ٠ and persuade audiences. Texts chosen for study in Applied English include everyday media texts and workplace texts
- become fluent writers who know how to edit their writing for clarity ٠
- use a range of software programs to communicate and create clear, effective texts. ٠

Links to Further Study

VCE - Vocational Major.

Selection Advice

This course does not link to VCE English or EAL and parents will be informed of the pathways of this choice.



ENGLISH

ENGLISH 2 SEMESTERS

Overview

Participation in many aspects of Australian life depends on effective communication in Standard Australian English and English is invaluable globally. The study of English helps create confident communicators, imaginative thinkers and informed citizens and helps young people develop the knowledge and skills needed for education, training and the workplace.

Contents / Skills

In English, students learn to:

- listen to, read, view, speak, write, create and reflect on spoken, written and multimodal texts
- appreciate, enjoy and use the English language to evoke feelings, convey information, form ideas, interact with others, entertain, persuade and argue
- develop interest and skills by inquiring into various forms of texts, and literature.

Links to Further Study

Year 10 English is an essential preparation for VCE English units 1-4, and Literature units 1-4.

Selection Advice

English is a compulsory core subject. All students must complete 2 units of English at Year 10.

ENGLISH

ENGLISH AS AN ADDITIONAL LANGUAGE (EAL) 2 SEMESTERS

Overview

Participation in many aspects of Australian life depends on effective communication in Standard Australian English and English is invaluable globally. The study of EAL helps create confident communicators, imaginative thinkers and informed citizens and helps students from non English speaking backgrounds to develop the knowledge and skills needed for education, training and the workplace. EAL classes provide students with additional time and support and specialised teaching to address students' developing language proficiency.

Contents / Skills

In EAL, students learn to:

- listen to, read, view, speak, write, create and reflect on spoken, written and multimodal texts ٠
- appreciate, enjoy and use the English language to evoke feelings, convey information, form ideas, ٠ interact with others, entertain, persuade and argue
- develop interest and skills in inquiring into various forms of texts, and literature.

Links to Further Study

VCE English / VCE EAL.

Selection Advice

EAL classes are for students who speak a language other than English at home and who have been enrolled in an Australian school for less than five years.

To be eligible for EAL, students must fulfil one of the following criteria:

1. Not been resident in Australia or New Zealand or another predominantly English-speaking country for a total period of not more than seven years over the period of your education.

AND

English has not been a major language of instruction for a total period of not more than seven years over the period of your education.

2. Aboriginal or Torres Strait Islander person whose first language is not English.

EXTENSION ENGLISH 2 SEMESTERS

Overview

Extension English focuses on developing students' communication skills, and analytical, creative, and critical thinking. Through close study and wide reading, viewing and listening, students develop the ability to appreciate and evaluate the purpose, stylistic qualities and conventions of literary and non-literary texts and enjoy creating their own imaginative, interpretive and analytical responses.

Contents / Skills

Extension English students refine their skills by engaging critically and creatively with texts and they hone their oral communication skills through discussion, debate and argument, in a range of formal and informal situations. In addition to the content and skills of the English course, Extension English aims to develop students:

- understanding of the use of the English language
- appreciation and creation of interpretive, persuasive and imaginative texts
- engagement in critical analysis and reflection.

Links to Further Study

Year 10 Extension English is effective preparation for VCE English units 1-4; and Literature units 1-4.

Selection Advice

Extension English is offered to students who achieve an exemplary result in Year 9 Extension English and it may be offered to other Year 9 students if their English teacher recommends them for the course. Students of Extension English need to be highly motivated to study at an advanced level and to take on an increased workload.

ENGLISH

BRIDGING EAL (ENGLISH AS AN ADDITIONAL LANGUAGE) 2 SEMESTERS

Unit 1: English for learning

In this unit students build their understanding of how spoken and written Standard Australian English (SAE) is used to communicate effectively in a variety of contexts and for a range of purposes. Students develop the ability to listen, speak, read and write for everyday and academic purposes. They explore how language features, structures and conventions can be used to express ideas and opinions, and to create their own spoken and written texts.

Areas of Study

- Area of Study 1: English for everyday purposes.
- Area of Study 2: English for academic purposes.

Unit 1 Outcomes

- Know the common characteristics of verbal Standard Australian English, including paralinguistic features.
- Know vocabulary and conventions specific to everyday situations.
- Know the metalanguage required to identify and discuss language and texts.
- Know the process of planning, drafting, revising, editing and proofreading written work.
- Identify and use the common characteristics of verbal and paralinguistic features of Standard Australian English.
- Identify and discuss ambiguous or inappropriate communication in spoken and written texts.
- Use pronunciation, word and sentence stress, rhythm, pausing and intonation appropriate to Standard Australian English to communicate statements, questions, commands and exclamation, and for different purposes and to achieve particular effects.
- Initiate, sustain and end conversations in informal and formal contexts.
- Engage in group work and discussion to promote language learning, including turn-taking and ٠ assuming roles.
- Use vocabulary appropriate to the purpose of a text.
- Analyse their own speech in different contexts, considering their expression of ideas and experiences, ٠ and roles and relationships, and the degree of formality used.

BRIDGING EAL (ENGLISH AS AN ADDITIONAL LANGUAGE) 2 SEMESTERS

Unit 2: English for life

This unit is comprised of one compulsory study and one elective study. The elective areas of study enable students to extend their understanding of how English is constructed and used to communicate in a variety of contexts and for a range of purposes. One of the following elective areas of study must be selected for study:

Areas of Study

- Area of Study 1: English for self-expression (Compulsory).
- One of the following elective areas of study.
- o Area of Study 2: English in the media.
- o Area of Study 3: English for the workplace.

Unit 2 Outcomes

- Know the ways authors use language for different purposes and audiences.
- Know the range of ways authors use structures, features and conventions of texts. •
- Know the ways authors create meaning through the development of their own ideas and experiences.
- Identify, explain and analyse how features of texts are used to create meaning.
- Choose and apply appropriate textual features to create texts.
- Plan, draft, revise and edit for technical accuracy.
- Distinguish between different types of media texts.
- Identify and understand features of print, spoken and multimodal media texts. •
- Identify key information, the differences between fact and opinion, and understand bias in texts by identifying evidence and referencing.
- Identify language cues such as modal verbs for possibility or probability.
- to construct points of view and position audiences.
- Identify key information presented in workplace texts.
- Identify and understand the language, features, structures, conventions and information used in print, spoken and multimodal workplace texts.
- Use appropriate language to discuss the construction of workplace texts.

Additional Information

This is a VCE subject. EAL students will be recommended for this subject by sub-school co-ordinators. Coordinators will recommend students who require additional English language support in order to achieve success in Year 10.

Identify and discuss the language, structures, features, conventions and information used in media texts

ENGLISH

LITERATURE SEMESTER

Overview

In Literature, students engage with a variety of texts for enjoyment. Students respond critically, creatively and reflectively to the ideas and concerns of texts, and gain insights into how texts function as representations of human experience. Literature will appeal to students who enjoy reading, watching films and studying English.

Contents / Skills

In Literature, students learn to interpret, create, evaluate, discuss and perform a wide range of literary texts. Texts include films, works of fiction, poetry and dramatic performances. These texts focus on issues of human experience and cultural significance, interpersonal relationships, and ethical and global dilemmas from a variety of perspectives.

Links to Further Study

While Year 10 Literature is not a prerequisite for VCE Literature, it does provide students with an opportunity to focus on an area of interest and enjoyment. Students should note that they may study English Units 3 and 4 or Literature Units 3 and 4 to meet VCAA requirements. If they choose, students may study both English and Literature at VCE level.

Selection Advice

Students of Extension English should seriously consider the study of Literature, as should students who enjoy reading, writing, theatre and film.

HEALTH AND PHYSICAL EDUCATION

EXERCISE SCIENCE IN PHYSICAL EDUCATION 1 SEMESTER

Overview

This unit is aimed at exposing students to the many aspects of physical activity and sport. They will undertake laboratory practical activities, and apply the theoretical content learnt in class to further their understanding of physical education and sport.

Contents / Skills

In Exercise Science in Physical Education, students will:

- develop both Australian and international knowledge on a wide range of concepts relevant exercise science
- gain advanced knowledge about various fitness tests and their application to sport performance
- develop and experience extensive fitness programming knowledge
- develop game and strategic knowledge in sports
- develop theoretical and practical knowledge and skills required to participate in VCE Physical Education
- apply knowledge towards new developments within the sports/exercise fields.

Links to Further Study

VCE Physical Education and Tertiary studies, as well as a career in the sports and fitness industry.

Selection Advice

This subject is suitable for interested students who wish to continue studying Physical Education, or general interest in this subject area.

HEALTH & WELLBEING SEMESTER

Overview

As a foundation to the understanding of health, students will investigate the World Health Organisations (WHO) definition of health and explore other interpretations. Students look at the multiple dimensions of health and wellbeing and the indicators used to evaluate and measure health status. With a focus on youth, students will enquire into reasons for variations and inequalities in health status. They will also investigate the roles and sources of major nutrients and the use of food selection models to promote healthy eating. Finally, students will enquire into the key aspects of the Australian healthcare system such as Medicare and Private Health Insurance, along with factors that affect access to quality health services and information.

Learning these concepts and participating in physical activity will give students the knowledge to help manage their immediate and future lives. The course is predominantly theory work with some practical components included.

Contents / Skills

In Mind, Body and Soul students will:

Study units of work on:

- dimensions of health and wellbeing
- Indicators of health and wellbeing
- youth health and wellbeing issues
- nutrition and promoting healthy eating
- healthcare in Australia. •

Students will also participate in physical activity classes throughout the semester with a focus on:

- fitness
- team work
- skill development.

Assessment

Mind, Body and Soul includes the following assessment:

- Practical assessment
- Common Formative Tasks (CFTs).
- Mid-semester exam.
- End of semester exam.

Links to Further Study

• VCE Health and Human Development.

Selection Advice

This unit is suitable for any students interested in VCE Health and Human Development.

HUMANITIES

GEOGRAPHY (ELECTIVE) SEMESTER

Overview

This Geography subject has two main units. In 'People', we look at 'human wellbeing' (quality of life) and how and why this is different around the world. In 'Places', we study environmental change and management. We look at natural processes of environmental change, human impacts on the environment and strategies used to manage this impact. The focus of this study will be Coastal environmental change, examining natural processes of change, human impact on coastlines, including the impact of Climate Change, and attempts to manage and reduce these impacts. There will be at least one field trip to allow students to develop their fieldwork skills.

Contents / Skills

In People and Places, students learn about:

- the differences in standard of living between different countries and within countries the reason why countries have different levels of development
- some of the solutions developed by governments and organisations such as the UN, AusAID
- developing solutions to issues of development
- the different ideas people have about our physical environment
- the problems that our environment faces, such as deforestation and climate change ٠
- environmental management of local environments, such as a coastal area in Melbourne the management of an international environment, such as responses to rising sea levels in Fiji.

This unit will include at least one field trip in which students will conduct surveys, make observations and field sketches and practice other fieldwork skills.

Main Skills Developed

- Problem-solving.
- Generating and developing solutions.
- Analysis.
- Observation.
- Collecting and recording data.
- Fieldwork skills.
- Research skills.

Links to Further Study

- VCE Geography.
- VCE History.
- VCE Global Politics

Career Paths

- Climate change assessment and planning.
- Climatology and meteorology.
- Oceanography.
- Planning and public policy.
- Natural resource management.
- Environmental and social impact assessment.

Selection Advice

This unit can be taken separately, or it can follow on from any other Humanities unit.

- Environmental science.
- Conservation, heritage and land management. •
- Hazard assessment, mitigation and disaster
- management.
- Sustainability.
- Tourism Management.

HUMANITIES

HISTORY (CORE) SEMESTER

Overview

The study of history enables students to grasp the impacts of complex social events and how they influence current relationships between nations and peoples. This unit includes the compulsory 'Holocaust' unit of study, mandated by the state government. The Holocaust is situated within an overall study of the causes and course of World War II, which focuses on the war in both Europe, the Asia-Pacific and the experiences of Australians during the war.

Contents / Skills

In World War II, students learn about:

- the causes of World War II ٠
- significant Events of World War II
- the Holocaust
- Australian experiences in World War II. ٠

Main Skills Developed

- Literacy and communications, including reading and writing skill.
- Research.
- Analysis of evidence, including historical perspectives and interpretations. •
- Critical thinking and reasoning.
- Problem solving.
- Historical significance.
- Cause and consequence.
- Continuity and change.
- Intercultural and ethical capabilities. •

Links to Further Study

- VCE History.
- VCE Geography. ٠
- VCE Global Politics

Selection Advice

This unit can support any other Humanities unit, as well as research and writing skills used in a variety of subjects.

HUMANITIES

HISTORY (ELECTIVE) 1 SEMESTER

Overview

In this unit students will focus on the push for civil rights and freedoms from the second half of the twentieth century onwards, focusing primarily on the experiences of Indigenous Australians, through to contemporary movements including Black Lives Matter and its relevance for Australia and the world. Students will also study the origin and significance of the Universal Declaration of Human Rights and its impact upon the civil rights movement both in Australia and abroad, and the influence of the US civil rights movement on Australia.

Contents

Students learn about:

- the development of the United Nations and the Universal Declaration of Human Rights
- the long-term impacts of colonisation and the Stolen Generations in Australia
- the civil rights movement in Australia, including voting and land rights protests, the 1967 referendum, reconciliation and the Uluru Statement from the Heart
- the impacts of the US civil rights movement on Australia
- significant individuals in the fight for civil rights
- contemporary civil rights movements including Black Lives Matter.

Main Skills Developed

- Literacy and communications, including reading and writing skills.
- Research.
- Analysis of evidence, including historical perspectives and interpretations.
- Critical thinking and reasoning.
- Problem solving.
- Historical significance.
- Cause and consequence.
- Continuity and change
- Intercultural and ethical capabilities.

Links to Further Study

- VCE History.
- VCE Geography.
- VCE Politics.

Selection Advice

This unit can support any other Humanities unit, as well as research and writing skills used in a variety of subjects.

HUMANITIES

POLITICS (ELECTIVE) 1 SEMESTER

Overview

An understanding of national and international decision making processes is vital for everyone. Individuals, groups, organisations and governments make decisions with global impacts. As students understand power, decision making and the forces that shape national and global politics, they will become more informed citizens, voters and participants in their local, national and international communities.

Contents / Skills

In Politics, students learn about:

- global interconnections in the twentieth and twenty-first centuries
- Australia's federal political system
- how citizens influence government policy through participation in political parties, elections and
 membership of interest groups
- how well democratic values are reflected in aspects of the Australian political system
- the role of global organisations in responding to international issues.

Main Skills Developed

- Research and analytical skills.
- Critical thinking.
- Essay writing.
- Ability to express opinions with clarity.
- Interpretation of issues and events.

Links to Further Study

- VCE Global Politics.
- VCE Legal Studies.
- VCE History.

Career Paths

- Paralegal.
- Lawyer.
- Legislative Assistant.

Selection Advice

- United Nations Field Services Officer.
- Public Relations Specialist.
- Intelligence Analyst.
- Journalist.
- Social Media Manager

If you take an interest in current affairs, national and international politics then this subject is for you. It compliments Rights and Freedoms, World War II and Law at Year 10, and Australian and Global Politics at VCE. People who study politics at secondary school will find it useful for university study in areas of: Law, International Relations, Economics, Journalism, Global Security, Criminology and Sociology.



LOTE

ITALIAN 2 SEMESTERS

Overview

Italian aims to develop further communication skills in written and spoken contexts.

Grammatical concepts are covered through dealing with real situations including relationships, dining, celebrations, film, music and hobbies and work.

Outcomes and assessment tasks for this course will evaluate the student's reading, writing, listening and speaking abilities.

Contents / Skills

Students will experience speaking in a conversational manner. Writing styles will include personal, imaginative and informative. Students will have the opportunity to learn practical and useful information that is authentic and contemporary.

Topics include:

- Childhood And Youth
- The Environment
- Staying Healthy
- Art Movements In Italy
- School And Employment •
- Italian Cinema.

Links to Further Study

VCE Italian.

Selection Advice

Students should have completed Year 9 Italian to attempt this course. Semester Two cannot be taken without completing the first semester.

It is compulsory that students complete both semesters of Italian at Year 10 in order to study VCE Italian.

Study considerations: VCE (Baccalaureate)

If you have satisfactorily completed your VCE with a VCE Languages study and have completed a higher level of mathematics as part of your VCE, you may be eligible for the VCE (Baccalaureate). This award within the VCE recognises the challenges of a broad program of study. To be eligible for the VCE (Baccalaureate) you must have study scores for at least five studies and you must include the following:

- A score of 30 or above from the English Group study; or ٠ a score of 33 or above for English as an Additional Language (EAL).
- A VCE Languages study.
- VCE Mathematical Methods or Specialist Mathematics.

Study considerations: Italian Study Tour

Students studying Year 10 Italian will be eligible to participate in the biannual study tour to Italy.

LOTE

JAPANESE (2ND LANGUAGE) 2 SEMESTERS

Overview

Japanese aims to develop further communication skills in written and spoken contexts. Grammatical concepts are covered through dealing with real situations including cultural celebrations, film, music and hobbies.

Outcomes and assessment tasks for this course will evaluate the student's reading, writing, listening and speaking abilities.

Contents / Skills

- Students will experience speaking in a conversational manner. There will be a continuation of the Japanese scripts including new kanji. Writing styles will include personal and informative.
- Students will have the opportunity to learn practical and useful information that is authentic and contemporary

Topics include:

- Sports and recreation
- Cultural rules and etiquette
- Fashion
- Travel.

Links to Further Study

VCE Japanese.

Selection Advice

Students should have completed Year 9 Japanese to attempt this course. Semester two cannot be taken without completing the first semester.

It is compulsory that students complete both semesters of Japanese at Year 10 in order to study VCE Japanese.

Study considerations: VCE (Baccalaureate)

If you have satisfactorily completed your VCE with a VCE Languages study and have completed a higher level of mathematics as part of your VCE, you may be eligible for the VCE (Baccalaureate). This award within the VCE recognises the challenges of a broad program of study. To be eligible for the VCE (Baccalaureate) you must have study scores for at least five studies and you must include the following: • A score of 30 or above from the English Group study; or

- a score of 33 or above for English as an Additional Language (EAL).
- A VCE Languages study.
- VCE Mathematical Methods or Specialist Mathematics.

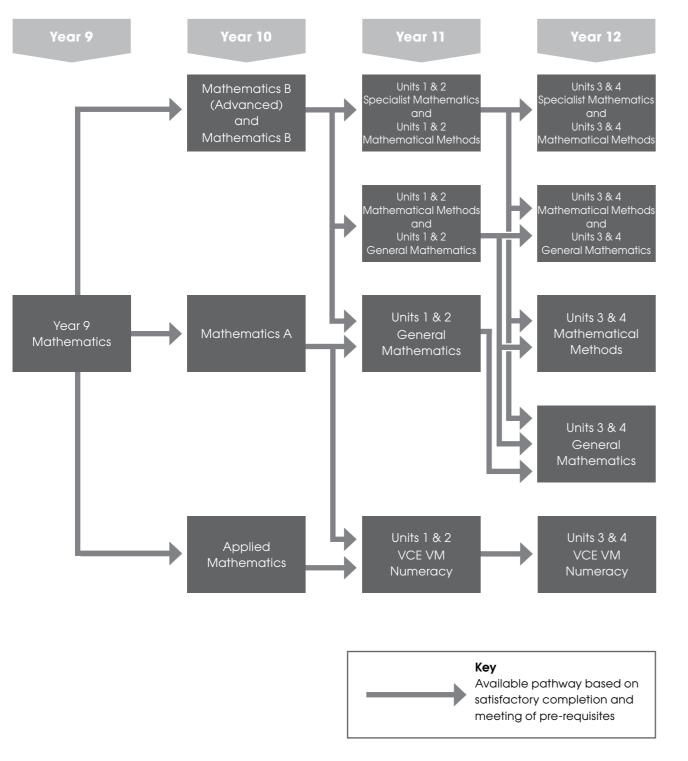
Study considerations: Japan Study Tour

Students studying Year 10 Japanese will be eligible to participate in the biannual study tour to Japan.

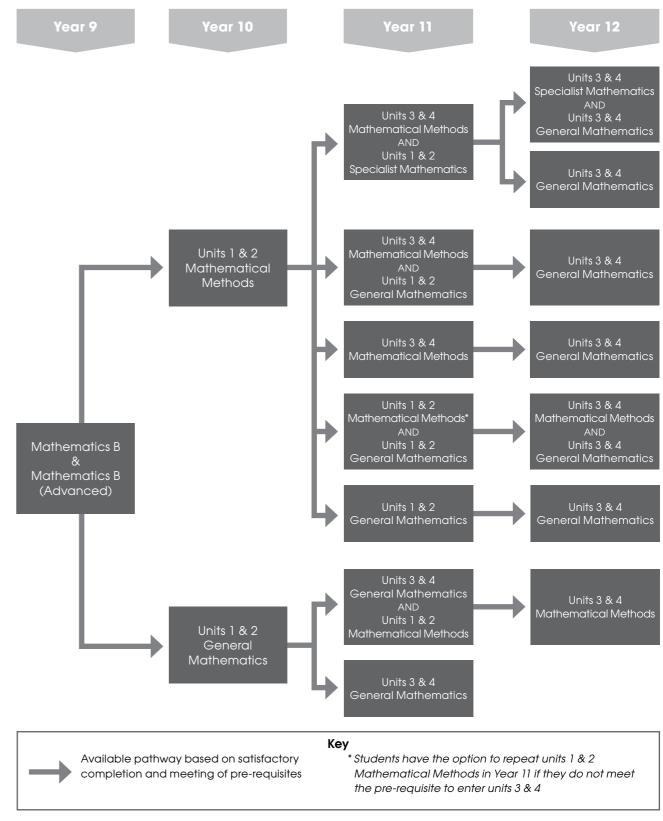
MATHEMATICS

MATHEMATICS

MATHEMATICS PATHWAYS FROM YEAR 9 TO YEAR 12



ACCELERATED MATHEMATICS ACCELERATED MATHEMATICS PATHWAYS FROM YEAR 9 TO YEAR 12



OVERVIEW

Mathematics in Year 10 at St Albans Secondary College is a compulsory subject. All Year 10 students must choose either Applied Mathematics, Mathematics A or Mathematics B. An additional elective of Mathematics B (Advanced) must also be chosen along with Mathematics B, if selected.

Selection Advice

There are three options available to students:

COMPULSORY SUBJECTS:

1. Mathematics **B**

Students who wish to continue to VCE mathematics are strongly advised to undertake this unit, along with Mathematics B (Advanced).

OR

2. Mathematics A

It is a comprehensive course, which provides a thorough preparation for General Mathematics in Year 11, and for participation in work and society.

OR

3. **Applied Mathematics**

For students who wish to follow a VCE - Vocational Major Certificate. This subject does not link to VCE Mathematics.

ADDITIONAL ELECTIVE SUBJECT:

4. Mathematics B (Advanced)

A course designed to complement Mathematics B. Students who wish to enrol in VCE Mathematical Methods and/or Specialist Mathematics, must undertake both Mathematics B and Mathematics B (Advanced)

MATHEMATICS

MATHEMATICS A 2 SEMESTERS

Overview

Mathematics A has two main aims:

- To give students a general background in Mathematics which builds on the knowledge taught in Year 9; and
- To prepare students for further study in Mathematics at VCE level.

Contents / Skills

In Mathematics A, students study:

- Mensuration Pythagoras' Theorem, area, surface area and volume
- Linear relationships gradient, intercepts, lines of best fit, simultaneous equations, and inequations
- Trigonometry trigonometric ratios, calculations in two and three dimensions
- Probability
- Statistics.

Links to Further Study

Mathematics A provides preparation for the study of Unit 1 and 2 General Mathematics.

Selection Advice

It is a comprehensive course, which provides a thorough preparation for General Mathematics in Year 11, and for participation in work and society.

This is the minimum Mathematics required to access VCE Mathematics subjects.

MATHEMATICS B 2 SEMESTERS

Overview

Mathematics B must be taken in conjunction with Mathematics B (Advanced). The topics studied build on, and extend the topics done in Year 9 Mathematics. There are also topics that specifically relate to the VCE Mathematics Study Design. Students will have the opportunity to use Computer Algebraic System (CAS) calculators to develop their skills in the use of this technology, prior to studying VCE.

Contents / Skills

In Mathematics B, students study:

- Number indices and index laws, standard form, surds, exponential relationships
- Quadratic relationships algebraic techniques for factorising and solving quadratic equations ٠
- Matrices definition, addition, subtraction, multiplication, inverses, application in equation solving and practical situations
- Measurement volume and surface area of 3D shapes. ٠

Eligibility

Eligibility for inclusion in both Mathematics B and Mathematics B (Advanced) requires a 'B' or above topic test average in both semesters at Year 9.

Links to Further Study

Students who complete this elective in conjunction with Mathematics B (Advanced) will have a thorough preparation for any Unit 1 and 2 VCE mathematics subject, depending on the interests and aptitude of individual students.

Selection Advice

Students who intend to study either Mathematical Methods only, or Mathematical Methods and Specialist Mathematics in Year 11, must take this unit. Mathematics B will provide additional skills in algebra, graphing and geometry.

MATHEMATICS

APPLIED MATHEMATICS 2 SEMESTERS

Overview

Applied Mathematics is a mathematics subject offered to Year 10 students which is practically based and avoids some of the abstract mathematical concepts covered in Mathematics A. It is for those students intending to complete a VCE Vocational Major Certificate.

Contents / Skills

to everyday life, personal work and study. Students are encouraged to use appropriate technology in all areas of their study. The areas of study for these units are Numeracy, Percentages, Cost of Living, Measurement, Building and Design and Running a Business. This subject is studied all year.

Links to Further Study

VCE - Vocational Major Certificate.

Selection Advice

This subject is for students who wish to follow a VCE Vocational Major Certificate.

• In Applied Mathematics there is a strong emphasis on using mathematics in practical contexts relating

MATHEMATICS B (Advanced) 2 SEMESTERS

Overview

Mathematics B (Advanced) is an elective subject that is designed to run in conjunction with Mathematics B. The topics studied build upon concepts covered in Mathematics B and are aligned with the content covered in Year 11 Mathematical Methods and Specialist Mathematics.

Content/ Skills

Students will study:

- Exponentials and Logarithms
- Polynomials
- Trigonometry
- Geometry.

Eligibility

Eligibility of Mathematics B (Advanced) requires a 'B' topic test average in both semesters on Year 9 Mathematics.

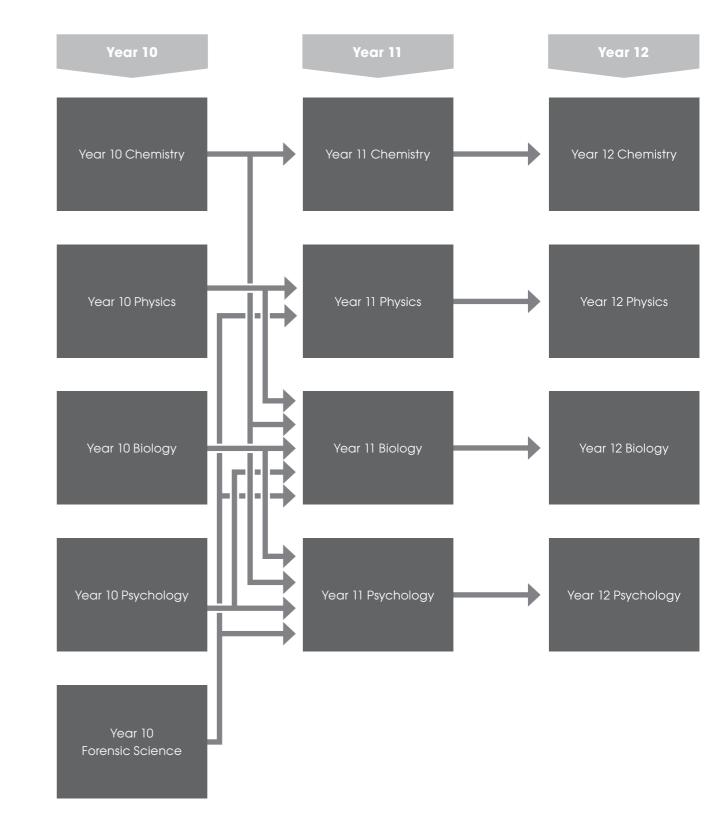
Links to Further Study

Students who successfully complete Mathematics B and Mathematics B (Advanced) will have a solid preparation for Year 11 Mathematical Methods and Specialist Mathematics. Students will also be adequately prepared for year 11 General Mathematics.

Selection Advice

Students who intend to study either Mathematical Methods and/or Specialist Mathematics must take this unit.

RECOMMENDED SCIENCE PATHWAYS



SCIENCE

CHEMISTRY SEMESTER

Overview

Students explore and investigate chemicals and their reactions. Throughout the unit, there is a close link between theory and practical activities.

Contents / Skills

- **Rate of Reactions**
 - Collision and particle theory.
 - Conservation of mass.
 - Predicting and explaining how various factors affect the rate of a chemical reaction.

Periodic table

- Atomic structure and chemical families.
- Understanding trends of periodic table.
- Predicting charge and reactivity of atoms.

Explaining Reactions

- Chemical bonds: Ionic, Covalent and Metallic.
- Writing chemical formulas.
- Classifying, writing, and balancing chemical equations.
- Predicting a reaction.

Numerical Chemistry

- Introduction to `the mole'.
- Calculating molar mass using periodic table.
- Calculating number of moles in a sample of known mass.
- Calculating number of molecules and atoms in a sample using Avogadro's number.

Links to Further Study

VCE Chemistry.

Selection Advice

This unit should be selected by students intending to study VCE Chemistry.

SCIENCE

BIOLOGY 1 SEMESTER

Overview

Students explore and investigate aspects of the living world. Throughout the unit, there is a close interrelationship between theory and practical activities.

Contents / Skills

Inheritance

- Cell structure and function.
- Chromosomes, genes and DNA.
- Dominant and recessive inheritance.

Species Survival

- The human immune system.
- Response to disease.
- Variation and adaption.
- Evolution by natural selection.

Links to Further Study

VCE Biology.

Selection Advice

This unit is strongly recommended for students intending to study VCE Biology.

SCIENCE

FORENSIC SCIENCE

Overview

Are you interested in how science is used to solve crimes? Unsure whether to study Biology, Psychology or Physics? Then this elective is for you.

Forensic science will cover the science of crime-solving. You will learn about DNA and how it can be used to identify a person at a crime scene (Biology), how the analysis of impacts and skid marks can tell you how fast a car was traveling when it crashed (Physics) and the motives behind why people commit crimes in the first place (Psychology).

Contents / Skills

In Forensic Science, students study:

- DNA
 - What is DNA?
 - How is DNA inherited?
 - How can DNA be analysed to solve crimes?

Ethics

- Genetic genealogy.
- Who should have access to DNA information?

• Physics

- Blood spatter pattern analysis.
- Motion.
- Calculating speed and braking distance.

Psychology

- Explore genetic and environmental factors that contribute to behaviour.
- Evaluate the dangerousness of individuals.
- Evaluate how reliable eyewitness testimony is.

Links to Further Study

- VCE Biology.
- VCE Physics.
- VCE Psychology.

Selection Advice

This unit is strongly recommended for students who are unsure of what VCE Science they want to study. Students should not choose Forensic Science alongside Year 10 Physics OR Biology due to the high degree of overlap.

SCIENCE

PSYCHOLOGY 1 SEMESTER

Overview

This unit is for all those students interested in exploring the amazing workings of the human mind and behaviour. We will journey through the mind as we identify types of mental disorders and treatment options. We will better understand how forensic psychologists apply psychological theory to understand criminal behaviour.

Contents / Skills

In Psychology, students study:

- An introduction to Psychology
 - What is psychology?
 - Types of psychologists.
 - Scientific nature of psychology.

Clinical Psychology

- Clinical assessment.
- Psychological tests.
- Personality and Intelligence.
- Mental disorders symptoms and treatment.
- Forensic Psychology
- Criminal profiling.
- Stalking.
- Eyewitness testimony.
- Dangerousness and mental illness.

Links to Further Study

- VCE Biology.
- VCE Psychology.
- VCE Health and Human Development.
- Legal Studies.

Selection Advice

This unit is strongly recommended for students intending to study VCE Psychology.

SCIENCE

PHYSICS 1 SEMESTER

Overview

Students explore and investigate aspects of the Physical World, Earth and Space. Throughout the unit, there is a close link between theory and practical activities.

Contents / Skills

In Physics, students study:

Electrical Physics

- Electrical safety.
- Measuring electricity.
- OHM's law.
- Sources of electricity.

Road Science

- Speed and acceleration.
- Stopping.
- Collisions.

• Exploring the Universe

- The universe from earth.
- Star types and star life cycles.

• Space Science

- Getting into space.
- Living in space.

Links to Further Study

VCE Physics.

Selection Advice

This unit should be selected by students intending to study VCE Physics.

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