

SENIOR PATHWAYS YEAR 10 HANDBOOK

2024



UNIVERSITY
HIGH SCHOOL

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An Introduction to Senior Pathways at UHS

Welcome to the first year of your Senior Pathways journey at University High School supported by the new Year 10 Course Selection Handbook. This is a resource to support students and their families to understand Senior Pathways (year 10 and into VCE) options at UHS and to assist students in planning a pathway that meets both their interests and supports their future career aspirations.

The Year 10 program in 2024 has been carefully designed to provide increased flexibility to meet the needs of our student community by providing a range of year long and semester-long electives; programs that foster curiosity and enhance agency whilst providing a high support, high challenge environment for all students to develop the skills and knowledge to support a successful transition in their VCE years.

Current Year 9 students are able to express interest in accelerating their VCE studies. Year 9 students are also able to apply to complete an applied learning subject in Year 10 known as a VET (Vocational Education and Training) subject, however, places in these external courses are very limited.

Additional Careers and Pathways support and guidance can be accessed through our highly experienced team of Careers Counsellors, as well as your Connect Teacher, and Coordinator who are all here to support students and parents throughout the Senior Pathways years at UHS.

On behalf of the Senior Pathways Team and your teachers, we wish you all the best in your Senior Pathways journey.



Andrew Moffat

Assistant Principal - Senior Pathways



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Course selection timeline

Term 2

Important Dates	Program Details
Week 5 Monday 22nd May	Senior Pathways Presentation - Year 10 (Connect session)
Week 9 Monday 19th June	Senior Pathways Presentation - Connect session VCE Expo for Year 9 students (optional - after school from 3.00 pm - 3.30 pm)

Term 3

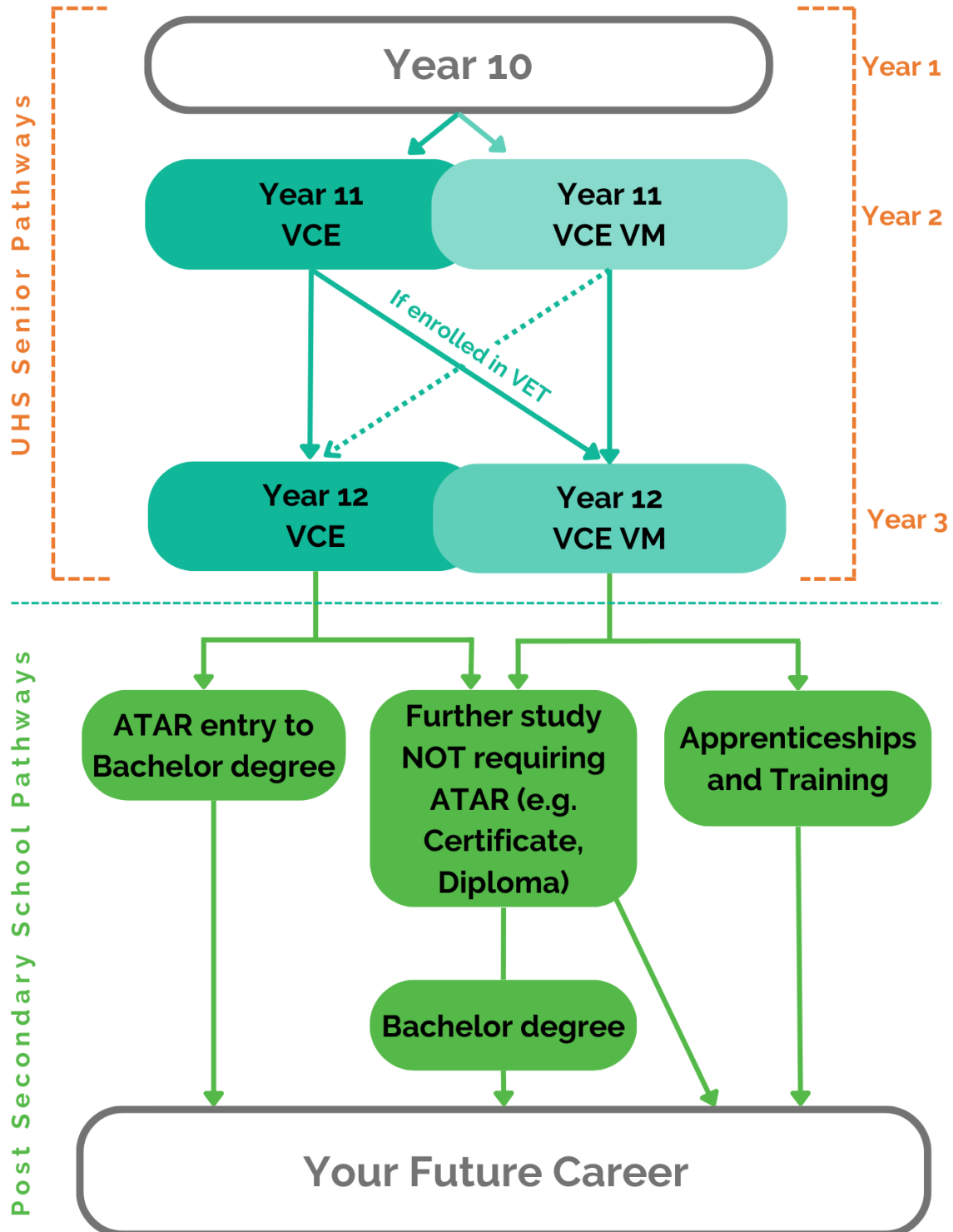
Important Dates	Program Details
Week 1 Monday 10th July	Sub-school assemblies Information for course selection and Griddle
Week 2 Monday 17th July	Year 9 into Year 10 Senior Pathways Planning (Connect session)
Week 2 Tuesday 18th July	Year 10 (2024) Information Night Course preferences open
Week 3 Wednesday 26th July	Deadline for students to submit course preferences via Griddle
Week 4 Tuesday 1st August	Year 9 into Year 10 course counselling interviews day

Term 4

Important Dates	Program Details
Mid term	2024 Year 10 course confirmation
Week 8	2024 VCE Orientation

Planning your Senior Pathways

University High School Senior Pathways



Planning your Year 10 program

Year 10 is the first year of your Senior Pathway. Choosing your courses to study in year 10 is an exciting opportunity to apply what you've learned in your studies so far to more specialised courses. It is a time to reflect on your schooling thus far, what your current interests are and a time to explore new areas of interest and learning and to start to consider what courses you will study in your VCE program.

The decision of what to study next year is ultimately your choice. The University High School provides information and course counselling advice to students throughout the subject selection process so that the decisions you make place you in the best possible position in your foundation year of your senior pathways.

When choosing your courses for Year 10, you should consider the following guiding questions:

- **Interests:**
What subjects do I like?
What subjects have I most enjoyed so far and which Year 10 subjects are the next step in deepening my learning?
What are new subjects that interest me that I have not yet tried?
- **Strengths:**
What subjects am I good at?
What new challenges am I excited about?
What are my learning goals?
- **Pathways:**
What do I think I will study in VCE?
Am I interested in accelerating my VCE to include a VCE study or a VET study?
- **Breadth:**
Does my choice of courses allow me to try a range of different things?
What information do I need to know about these subjects so I can choose the best course for me?

Semester	Semester
<h3>Core program</h3> <p>Every student will choose:</p> <ul style="list-style-type: none"> • 1 x year-long English subject • 1 x year-long Maths subject • 4 x semester-long subjects: <u>one from each</u> of The Arts, The Humanities, Science and, Health & PE electives 	
<p>English (year-long): English or English as an Additional Language or Literature & Creative Writing or English Essentials</p>	
<p>Mathematics (year-long): Mathematics, AP Maths or Maths Essentials</p>	
<p>The Arts (semester-long) Choose at least one subject from a range of electives</p>	<p>Health & PE (semester-long) Choose at least one subject from a range of electives</p>
<p>The Humanities (semester-long) Choose at least one subject from a range of electives</p>	<p>Science (semester-long) Choose at least one subject from a range of electives</p>
<h3>Elective program</h3> <p>You will also choose:</p> <ul style="list-style-type: none"> • 4 x semester-length subjects from any Domain OR • 2 x semester-length subjects from any Domain AND a Language (year-long) OR • 2 x semester-length subjects from any Domain AND a VCE* or VET* (year-long) OR • A VCE* or VET* AND Language/English (Latin/German/French/Bridging EAL/Literature & Creative Writing) <p>*Subject to approval</p>	



Course Outlines

English & EAL English

What's it all about?

Year 10 English introduces students to a range of texts that challenge and expand their world views. Students develop skills in interpreting and responding to texts in personal, creative and analytical ways. Students learn to view texts critically and to consider the construction choices author's make; applying this knowledge to the creation of their own writing. The course also provides opportunities for students to work with their peers and to present to an audience.

Choose this subject if you are interested in learning about:

#Reading #Writing #Analysis #CriticalThinking #Communication

What will I learn?

Semester 1 <ul style="list-style-type: none"> • Text analysis • Memoir writing • Argument and language analysis • Independent reading skills 	Semester 2 <ul style="list-style-type: none"> • Exploring First Nations perspectives • Creative writing • Research into current issues • Film analysis
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What kinds of classroom activities and assessments will I do?

Short answer questions, essays, creative writing, annotation, group work, oral presentations, critical thinking, workshops, developing empathy, self reflection, close analysis & research tasks.

Pathways

Year	Current studies that link to this course
9	English
10	Literature, Writing, Editing & Publishing

Year	Courses
11	English, Literature, English Language, VCE-VM Literacy
12	English, Literature, English Language, VCE-VM Literacy

What can this lead to?

English group subjects will help students in all professions or pathways they choose.

- Writing & Creating
- Customer service
- Filmmaking
- Government & Politics
- Communications
- Law
- Teaching & Education
- Law
- Journalism



English & EAL

English as an Additional Language

What's it all about?

Year 10 English as an Additional Language introduces students to a range of texts and prepares them for VCE EAL. Written work reflects an increasing emphasis on analysis, argument and reflection. Students will engage in a variety of speaking and listening activities. They will also continue to develop their reading and writing skills through explicit instruction.

Choose this subject if you are interested in learning about:

#Reading #Writing #Viewing #Analysis #BigIdeas

What will I learn?

Semester 1 <ul style="list-style-type: none"> • Reading comprehension • Text analysis • Creative writing • Communication skills 	Semester 2 <ul style="list-style-type: none"> • Exploring First Nations perspectives • Argument and language analysis • Film analysis • Persuading others
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What kinds of classroom activities and assessments will I do?

Short answer questions, essays, creative writing, annotation, group work, vocabulary development, oral presentations, critical thinking, developing empathy, close analysis & research tasks.

Pathways

Year	Current studies that link to this Course
9	English as an Additional Language
10	Literature & Creative Writing; Writing, Editing and Publishing

Year	Courses
11	English as an Additional Language, English Language, Literature, Bridging English as an Additional Language, VCE-VM Literacy
12	English as an Additional Language, English Language, Literature, VCE-VM Literacy

What can this lead to?

English group subjects will help students in all professions or pathways they choose.

- Writing & Creating
- Customer service
- Hospitality
- Government & Politics
- Communications
- Law
- Teaching & Education
- Translation & Interpretation



English & EAL

English Essentials

What's it all about?

English Essentials focuses on developing the knowledge and skills to be successful in Years 11 and 12 and can lead to English studies in VCE or VCE-VM. Students read and view a wide range of texts and improve their ability to interpret, analyse and create texts that have purpose. Within a small classroom setting, students develop skills to communicate with accuracy, confidence and fluency.

Choose this subject if you are interested in learning about:

#Reading #Viewing #Speaking #Writing #Analysing

What will I learn?

Semester 1	Semester 2
<ul style="list-style-type: none"> • Multimodal analysis • Argument and language analysis • Memoir & creative writing • Reading comprehension 	<ul style="list-style-type: none"> • Text analysis • Essay writing • Issue analysis on a set theme • Writing and developing argument

What kinds of classroom activities and assessments will I do?

Short answer questions, essays, creative writing, annotation, group work, oral presentations, critical thinking, workshops, developing empathy, self reflection, close analysis & research tasks.

Pathways

Year	Current studies that link to this Course
9	English
10	Writing, Editing & Publishing

Year	Courses
11	English, Literature, English Language, VCE-VM Literacy
12	English, Literature, English Language, VCE-VM Literacy

What can this lead to?

English group subjects will help students in all professions or pathways they choose.

- Writing & Creating
- Customer service
- Hospitality
- Government & Politics
- Communications
- Fitness instructor
- Teaching & Education
- Law
- Small business owner

What else do I need to know?

Selection into English Essentials is done in consultation with Year 9 English teachers, and sub-school and is based on a number of factors including: academic achievement, reading and writing skills and attitude and effort.



English & EAL

Literature & Creative Writing

What's it all about?

Year 10 Literature and Creative Writing is the exploration of a range of exciting texts, ranging from the expected to the unexpected, selected to challenge and intrigue. Through discussion, presentations, writing tasks and analysis, students immerse themselves in the world of the text, zooming in to examine language and technique, and zooming out to think carefully about ideas. This course is as much about making texts as studying them, and each unit includes a creative response in the form of short stories, film, poetry and graphic novels. This course is designed to ignite passion in reading and writing.

Choose this subject if you are interested in learning about:

#Reading #Literature #CloseAnalysis #CreativeWriting #Interpretation

What will I learn?

Semester 1	Semester 2
<ul style="list-style-type: none"> Literary perspectives Autobiographical fiction Close analysis Film adaptation 	<ul style="list-style-type: none"> Poetry Postmodern literature Essay writing Creative writing

What kinds of classroom activities and assessments will I do?

Short answer questions, essays, creative writing, annotation, group work, vocabulary development, oral presentations, critical thinking, developing empathy, close analysis & research tasks.

Pathways

Year	Current studies that link to this Course
9	English, English as an Additional Language
10	English; Writing, Editing and Publishing

Year	Courses
11	English as an Additional Language, English Language, Literature, Bridging English as an Additional Language
12	English as an Additional Language, English Language, Literature

What can this lead to?

English group subjects will help students in all professions or pathways they choose.

- Writing & Creating
- Government & Politics
- Teaching & Education
- Customer Service
- Communications
- Law



English & EAL

Writing, Editing & Publishing

What's it all about?

This course focuses on the writing processes of drafting, editing and publishing, developing students' writing skills across a variety of mediums and contexts. Students will learn how to write for particular purposes and audiences, moderating their language choices appropriately. Students should choose this course to improve their communication skills through a variety of authentic tasks and because they are interested in the craft of writing.

Choose this subject if you are interested in learning about:

#PublishedAuthor #Ubique #Writing #Investigating #Creation

What will I learn?

- Introduction to journalism
- News reporting
- Broadcasting
- Creative writing

What kinds of classroom activities and assessments will I do?

Creative writing, research tasks, reporting, group presentations, excursions, interviewing, script writing, recording, drafting and editing, annotation, short answer questions and self reflection.

Pathways

Year	Current studies that link to this Course
9	English, English as an Additional Language
10	English, Literature & Creative Writing, English as an Additional Language

Year	Courses
11	English, Literature, English Language, English as an Additional Language, VCE-VM Literacy
12	English, Literature, English Language, English as an Additional Language, VCE-VM Literacy

What can this lead to?

English group subjects will help students in all professions or pathways they choose.

- Writing & Creating
- Government & Politics
- Teaching & Education
- Journalism
- Publishing
- Public relations



English & EAL

Bridging EAL (VCE subject)

What's it all about?

Bridging EAL focuses on the language skills needed by students for whom English is an additional language. Students develop knowledge and skills in speaking, listening, reading, viewing, writing and thinking, and the ability to adapt their language use to communicate effectively in different contexts, including academic and social settings.

Choose this subject if you are interested in learning about:

#Listening #Reading #Viewing #Writing #Communicating

What will I learn?

<p>Unit 1</p> <ul style="list-style-type: none"> English for everyday purposes English for academic purposes Understanding different text types Creating texts 	<p>Unit 2</p> <ul style="list-style-type: none"> English for self-expression English in the media Text structures and conventions Analysing the construction of a text
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What kinds of classroom activities and assessments will I do?

Text summaries, role plays, interviews, presentations, short & extended written responses, discussion, group work, excursions, creative writing.

Pathways

Year	Current studies that link to this Course
9	English as an Additional Language
10	English as an Additional Language

Year	Course
11	English as an Additional Language
12	English as an Additional Language

What can this lead to?

English group subjects will help students in all professions or pathways they choose.

- Writing & Creating
- Customer service
- Government & Politics
- Communications
- Teaching & Education
- Law

What else do I need to know?

Students choose this subject or they will be recommended for this subject by their teachers. Students must also be enrolled in Year 10 English as an Additional Language.



Mathematics

Mathematics

What's it all about?

Mathematics provides students with access to important mathematical ideas, knowledge and skills that they will draw on in their personal and work lives. The curriculum also provides students, as life-long learners, with the basis on which further study and research in mathematics and applications in many other fields are built.

Choose this subject if you are interested in learning about:

#Quadratics #CAS #Solving #sohcahtoa

What will I learn?

Semester 1 <ul style="list-style-type: none"> • Linear relations • Measurement • Indices and surds • Probability and statistics 	Semester 2 <ul style="list-style-type: none"> • Quadratic algebra, functions, and graphs • Trigonometry • Geometry • Applications and CAS
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What kinds of classroom activities and assessments will I do?

Skills Practice, Guided Exploration, Quizzes, Investigations, Tests, Application Tasks, Exams

Pathways

Year	Current studies that link to this Course
9	Mathematics
10	Maths in Real Life, Flight, Algorithms and Artificial Intelligence, Maths Investigations

Year	Courses
11	Foundation Maths, General Maths, Maths Methods, Specialist Maths
12	Foundation Maths, General Maths, Maths Methods, Specialist Maths, Algorithmics

What can this lead to?

- Scientist
- Data scientist
- Engineer
- Biomedical researcher
- Business analyst
- Cybersecurity expert

What else do I need to know?

Students should have a TI-Nspire CAS calculator for this subject.



Mathematics

AP Maths

What's it all about?

Year 10 AP is the second year of a two-year Maths course - following on from Year 9AP Mathematics (Units 1-3). Students will revisit the core topics of Trigonometry and Quadratics.

Choose this subject if you are interested in learning about:

#MathsEnrichment #Circles #CongruenceClasses #CAS

What will I learn?

Semester 1 (Units 4 and 5) <ul style="list-style-type: none"> Sequences and series Exponentials and logarithms Trigonometry & Quadratics Fibonacci project 	Semester 2 (Unit 6) <ul style="list-style-type: none"> Deductive geometry Locus Variation Modular arithmetic Applications and CAS
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What kinds of classroom activities and assessments will I do?

Skills Practice, Guided Exploration, Enrichment Program, Tests, Application Tasks, Project, Exams

Pathways

Year	Current studies that link to this Course
9	AP Mathematics
10	Maths in Real Life, Flight, Algorithms and Artificial Intelligence, Maths Investigations

Year	Courses
11	General Maths, Maths Methods, Specialist Maths
12	General Maths, Maths Methods, Specialist Maths, Algorithmics

What can this lead to?

- Scientist
- Data scientist
- Engineer
- Biomedical researcher
- Business analyst
- Cybersecurity expert

What else do I need to know?

Students should have a TI-Nspire CAS calculator for this subject. Students who were part of the 9AP program are encouraged to progress to Year 10 AP Maths as their Mathematics subject.



Mathematics

Maths Essentials

What's it all about?

Maths Essentials is an invitation-only subject for motivated students who would benefit from additional support to improve their foundational Numeracy and Maths skills. This subject prepares students to use Maths at work and in everyday situations.

Choose this subject if you are interested in learning about:

#numeracy #moneymaths #percentages #measurement #time

What will I learn?

Semester 1	Semester 2
<ul style="list-style-type: none">• Number and time• Decimals• Measurement	<ul style="list-style-type: none">• Percentages• Money• Data and statistics

What kinds of classroom activities and assessments will I do?

Learning at your own pace, Skills Practice, Quizzes, Projects

Pathways

Year	Current studies that link to this Course
9	Mathematics

Year	Courses
11	Foundation Maths
12	Foundation Maths

What can this lead to?

- Tradesperson
- Hospitality worker
- Fitness instructor
- Content creator
- Health assistant
- Retail worker

What else do I need to know?

Entry into Maths Essentials is by invitation only and is not guaranteed. Places are limited and students are selected based on evidence of need, effort, and motivation to improve. Year 10 Maths Essentials does not prepare students for VCE Mathematical Methods or Specialist Maths. The subject usually progresses into VCE Foundation Maths. Students should consult their teacher if they are interested in VCE General Mathematics. Please check the prerequisites for tertiary courses you are interested in to see if a particular Mathematics subject may be required or recommended. Students should discuss their Mathematics options with their current Maths teacher.



Mathematics

Algorithms & Artificial Intelligence

What's it all about?

Intelligent Systems are an everyday part of life. Algorithms recommend items to buy or videos to watch, our cars navigate themselves, and traffic cameras check for drivers using phones. What comes next, and how do these systems work? Algorithms and Artificial Intelligence is a subject that explores algorithms, programming, and the broad field of artificial intelligence, including its principles, methodologies, practical applications, and ethical considerations.

Choose this subject if you are interested in learning about:

#MachineLearning #ComputerScience #Coding #WrittenByAI

What will I learn?

- Algorithmic Problem Solving
- Implementing Algorithms (Programming)
- Artificial Intelligence: Principles and Methods
- Artificial Intelligence in practice

What kinds of classroom activities and assessments will I do?

Programming, design and development tasks, assignments, research, quizzes

Pathways

Year	Current studies that link to this Course
9	Mathematics
10	Mathematics, AP Maths

Year	Courses
11	General Maths, Maths Methods, Specialist Maths
12	General Maths, Maths Methods, Specialist Maths, Algorithmics

What can this lead to?

- Architect
- CAD Engineer
- Fashion Designer
- Game Designer
- Animator
- Mathematic Teacher

What else do I need to know?

This is a Mathematics elective and would be in addition to a core Mathematics subject.



Mathematics

Flight

What's it all about?

This subject will seek to present students with an introduction to a variety of systems involved in historical and modern flight, including principles of flight, navigation, meteorology, logistics, design and optimisation, and the mathematics underpinning these principles.

Choose this subject if you are interested in learning about:

#engineering #aviation #appliedmathematics #computermodelling #aircraft #CAS

What will I learn?

- Navigation
- Theory of flight
- Meteorology
- Flight simulation

What kinds of classroom activities and assessments will I do?

Flight simulation, incursions, excursions, design problems, prac work, theory, assignments, tests

Pathways

Year	Current studies that link to this Course
9	Mathematics, Science
10	Mathematics, AP Mathematics, Science

Year	Courses
11	Maths Methods, Specialist Maths, Physics
12	Maths Methods, Specialist Maths, Algorithmics, Physics

What can this lead to?

- Pilot
- Aeronautical engineer
- Air traffic controller
- Meteorologist
- Aviation management
- Rocket scientist

What else do I need to know?

This subject will appeal to students who wish to study applied Mathematics and Physics in VCE, and thus requires a solid understanding of Year 9 Mathematics and Science. Students should have a TI-Nspire CAS calculator for this subject. This is a Mathematics elective and would be in addition to a core Mathematics subject.



Mathematics

Maths in Real Life

What's it all about?

What use is Maths? We know it is supremely useful in science, engineering, and other technical fields, but what good is it in everyday life? This course connects the Maths you have been learning at school with your everyday lives, provides hands-on experience in the practicality of Maths, and encourages you to apply it whenever you encounter numbers. Expand your view of Mathematics and see where Maths is used in the real world!

Choose this subject if you are interested in:

#WhenAreWeGoingToUseThis? #Money #Investing #Tax #IRL

What will I learn?

- Calculating risk and reward (investments, gambling, insurance, Multi-Level Marketing schemes)
- Budgeting (tax, rent, mortgage, savings, bills, shopping)
- Maths around the home
- Practical maths investigation

What kinds of classroom activities and assessments will I do?

Practical activities, simulations, quizzes, research, report, creating spreadsheets, spreadsheet assignment and written report and a research and design assignment.

Pathways

Year	Current studies that link to this Course
9	Mathematics
10	Mathematics, AP Maths, Flight, Maths Investigations, Algorithms & AI

Year	Courses
11	VCE Maths, Economics, Accounting, Business Management
12	VCE Maths, Economics, Accounting, Business Management

What can this lead to?

- Data analyst
- Small business owner
- Tradesperson
- Accountant
- Financial modeller
- Project manager

What else do I need to know?

Students should have a TI-Nspire CAS calculator for this subject, which is also required for Year 10 Mathematics and AP Mathematics. This is a Mathematics elective and would be in addition to your core Mathematics subject.



Mathematics

Maths Investigations

What's it all about?

Learn how to explore patterns, geometry and other interesting mathematical ideas using a variety of investigative approaches and tools (including technology). Ideal for students who would like to widen and extend their understanding of mathematical concepts via projects, investigations and other enrichment tasks.

Choose this subject if you are interested in learning about:

#Geometry #MathematicalPatterns #PatternsInNature #TechnologyInMaths

What will I learn?

- Explore mathematical patterns and wonders
- The beauty in geometry
- Problem solving and application
- Individual project

What kinds of classroom activities and assessments will I do?

Projects, investigations, simulations, collaborative problem solving

Pathways

Year	Current studies that link to this Course
9	Mathematics
10	Mathematics, AP Maths

Year	Courses
11	Maths Methods, General Maths
12	Maths Methods, General Maths, Algorithmics

What can this lead to?

- Software engineer
- Business intelligence analyst
- Data scientist
- Robotics engineer
- Artificial intelligence developer
- Research scientist

What else do I need to know?

This is a Mathematics elective and would be in addition to your core Mathematics subject.



The Arts

Architecture

What's it all about?

How do the spaces that we live, work and study in affect us? In Architecture, students explore the design of spaces, including commercial and residential buildings, interior design, and exhibition. Exploring design styles, prominent designers and the history of design, students will use this knowledge alongside the design process to inform their own design projects.

Choose this subject if you are interested in learning about:

#CreativeThinking #ArchitecturalStyles #BuildingDesigns #LandscapeDesign #InteriorDesign

What will I learn?

- To use the design process to create, critically evaluate and present architectural designs
- Fields of design, including architecture, interior, landscape and exhibition
- Careers, conventions, styles and technical drawings associated with these fields
- History of design styles and architecture around the world and in Melbourne

What kinds of classroom activities and assessments will I do?

Theory based, including case studies, historical timelines and design analyses, and practical based, including extended project based folios, prototyping and model-making.

Pathways

Year	Current studies that link to this Course
9	Visual Communication, 2D Art, 3D Art
10	Visual Communication, Furniture Design, Fashion Design, IT, Sculpture, Media, Theatre: Lighting & Set

Year	Courses
11	Visual Communication Design, Art Making and Exhibiting, Product Design, Media , Theatre Studies
12	Visual Communication Design, Art Making and Exhibiting, Product Design, Media, Theatre Studies

What can this lead to?

- Architect
- Exhibition designer
- Interior designer
- Industrial designer
- Landscape architect/Designer
- Engineer

What else do I need to know?

Students undertaking this study must have a device compatible with downloading and running the Adobe Suite.



The Arts

Dance

What's it all about?

Dance is a practical subject where students will engage in a variety of different dance styles through practical-based workshops. Students will learn techniques and skills associated with key dance styles and will explore student-devised solo and/or small group choreography through a series of creative activities and choreography techniques. In addition, students will develop their ensemble dance skills through the learning of a whole-group set work, and will develop performances for an audience.

Choose this subject if you are interested in learning about:

#Choreography #Dance&Movement #Performance #ContentCreation #Artist

What will I learn?

- Contemporary
- Broadway/Musical Theatre
- Hip-Hop
- Devised & set work

What kinds of classroom activities and assessments will I do?

Ensemble dance, solo/small group dance, practical dance workshops, performances, technique exercises and creative choreography-based activities, student-devised and set choreography.

Pathways

Year	Current studies that link to this Course
9	Dance, Drama
10	Theatre: Acting & Directing

Year	Courses
11	Theatre Studies
12	Theatre Studies

What can this lead to?

- Dancer
- Artist
- Choreographer
- Creative administration
- Actor
- Dance teacher



The Arts

Digital Photography

What's it all about?

Capture the world through a lens in digital photography. Explore photography techniques, principles of composition, image editing skills and learn the art of visual storytelling.

Choose this subject if you are interested in learning about:

#DigitalPhotography #PhotoEditing #Composition #SLRphotography #Storytelling

What will I learn?

- Aperture, ISO and Shutter Speed - Camera operation
- Photography production folio (architecture, portrait, still life etc)
- Basic editing techniques: adjusting exposure, contrast, and colour balance
- Photography field trip

What kinds of classroom activities and assessments will I do?

Photoshoots, photography critiques, studio lighting, photo editing and retouching. Students will develop a photography portfolio, do photo framing and exhibiting, technical camera assessment, post-processing assessment.

Pathways

Year	Current studies that link to this Course
9	Media
10	Media, Visual Communication

Year	Courses
11	Media, Art Making & Exhibiting
12	Media, Art Making & Exhibiting

What can this lead to?

- Photographer
- Advertising
- Journalist
- Influencer
- Digital media
- Filmmaker

What else do I need to know?

Students must have a laptop that can download Adobe Photoshop.



The Arts

Fashion Design

What's it all about?

Designing and creating new garments and accessories, or modifying existing ones. This includes developing drawing folio skills and working with new materials and machines to solve problems.

Choose this subject if you are interested in learning about:

#MakingJewellery #FashionDrawing #FollowingAClothingPattern #MakingClothes #sustainability

What will I learn?

- How to alter/follow a clothing pattern
- Silver soldering, silicon moulds for resin jewellery design, 3D printing.
- Fashion drawing techniques in different Media including CAD
- How to write a design brief

What kinds of classroom activities and assessments will I do?

You will learn how to use a sewing machine to make a product/garments for a specific user. You will also create a drawing folio using a variety of different media and learn jewellery making processes.

Pathways

Year	Current studies that link to this Course
9	Product Design, 2D Art, 3D Art
10	Product Design, Visual communication, Theatre: Audio & Costume

Year	Courses
11	Product Design and Technologies, Theatre Studies
12	Product Design and Technologies, Theatre Studies

What can this lead to?

- Industrial designer
- Fashion designer
- Jewellery designer
- Visual merchandising
- Textile designer
- Costume designer

What else do I need to know?

The course assumes you have no prior knowledge. It will involve learning how to use a sewing machine, following a commercial pattern and jewellery making processes including 3D printing.



The Arts

Food

What's it all about?

Understanding nutrition both beneficial and harmful, understanding nutrients and their role in the human body, superfoods, labelling, balanced diet, multiculturalism through food, indigenous cultural awareness, methods of cookery, kitchen and personal hygiene, elements of sustainability.

Choose this subject if you are interested in learning about:

#Cooking #Nutrition #BalancedDiet #Wellbeing #Food

What will I learn?

- Nutrition
- Methods of cooking
- Personal and kitchen hygiene
- Food trends, history and sustainability

What kinds of classroom activities and assessments will I do?

Practical assessments, research tasks and tests.

Pathways

Year	Current studies that link to this Course
9	Food Technology, PE & Health
10	All About Health

Year	Courses
11	Food Studies, VET Hospitality
12	Food Studies, VET Hospitality

What can this lead to?

- Chef/Cook
- Dietician
- Food writer
- Food scientist
- Hospitality
- Events management



The Arts

Furniture Design

What's it all about?

You are going to learn to make things you didn't know you could and figure out ways to do things to get the result. The teacher isn't going to say, "here's how you make a stool! You need these materials and follow these patterns." Instead, you're going to be told, "A client has a problem, and you need to interview them to find out what their problem is. Then, you need to make the product.

Choose this subject if you are interested in learning about:

#Design #Products #Making #Creating #CNCs

What will I learn?

- How to use a CNC Router machine and a Laser cutter
- How to follow a Design Process
- How to join timber using traditional and contemporary techniques
- How to make a product using a range of techniques.

What kinds of classroom activities and assessments will I do?

Learn how to use IT machinery (CNC Router/Laser cutter) to make a product, different joining techniques and how to apply the The Designing Thinking process.

Pathways

Year	Current studies that link to this Course
9	Product Design, 3D Art
10	Fashion Design, Architecture, Visual Communication, Theatre: Lighting & Set

Year	Courses
11	Product Design, Theatre Studies
12	Product Design, Theatre Studies

What can this lead to?

- Industrial designer
- Architect
- Furniture designer
- Mechanical engineer
- Building & Construction
- Interior designer

What else do I need to know?

A CNC Router is a Computer Numerical Controlled machine that uses computer programming to control a high speed rotating cutter to perform cutting and shaping operations. Safety is a major component of Design and students need to follow safety protocols.



The Arts

Information Technology

What's it all about?

Information Technology (IT) is about exploring and using digital technology - spreadsheets and databases to produce charts and graphs; programming (Python) to produce apps and computer generated graphics; researching new technology (hardware and software).

Choose this subject if you are interested in learning about:

#Software #Apps #Hardware #DataScience #spreadsheets

What will I learn?

- Terminology (hardware and software);
- Spreadsheets and databases
- Python coding
- Research new technology

What kinds of classroom activities and assessments will I do?

Research assignment on computer hardware; assessments on data analysis using MS Excel and MS Access, coding assignments, quizzes and tests.

Pathways

Year	Current studies that link to this Course
9	Information Technology, Systems Technology
10	Media, Systems Engineering

Year	Courses
11	Applied Computing
12	Data Analytics

What can this lead to?

- Systems engineer
- Data analyst
- Software developer
- Data scientist
- Systems project manager
- Business systems analyst

What else do I need to know?

Windows laptops are recommended over Mac laptops for use in this subject. The program MS Access won't run on Mac unless configured with additional software (which may mean additional cost). iPads/Tablets or Chromebooks won't run some software, or, may run a cut-down feature set.



The Arts Media

What's it all about?

In this unit students will have the opportunity to learn a number of media production and analysis skills. Students will undertake significant practical skills in video production and digital editing. Students will also be viewing a number of media texts (TV shows, documentaries, music videos and films) and learn about the codes and conventions used in their construction. The subject encourages teamwork, curiosity, creativity, imagination and problem solving skills.

Choose this subject if you are interested in learning about:

#Filmmaking #Photography #Editing #Storytelling #Creativity

What will I learn?

- Film analysis
- Filmmaking
- Non-linear editing and post-production
- Desktop publishing

What kinds of classroom activities and assessments will I do?

Practical assignments, short answer responses to film analysis.

Pathways

Year	Current studies that link to this Course
9	Media, English
10	Digital Photography, Visual Communication

Year	Courses
11	Media Studies, Visual Communication, Art Making and Exhibiting
12	Media Studies, Visual Communication, Art Making and Exhibiting

What can this lead to?

- Filmmaker
- Game designer
- Cinematographer
- Writer/Storyteller
- Journalist
- Graphic designer



The Arts

Music

What's it all about?

Students will explore the history of Western Art Music through a combination of performing, composing/arranging and analysis. Throughout the subject students will examine the development of Western music from an historical perspective, exploring how different musical styles reflect the culture of the time. A significant component of the subject is an extended project in which students explore an area of their own interest in depth and present their research and analysis.

Choose this subject if you are interested in learning about:

#WesternArtMusic #InfluenceInMusic #StylesGenresContexts #Performance #Composition

What will I learn?

- History of Western art music
- Solo and group performance
- Music theory, composition & arrangement
- Research, listening & score analysis

What kinds of classroom activities and assessments will I do?

Performance, composition folio, score analysis, listening analysis, research, multimedia and oral presentations, written tests, discussions, excursions.

Pathways

Year	Current studies that link to this Course
9	Music Composition & Performance, Music Technology & Performance
10	Music: Jazz, Theatre: Audio & Costume

Year	Courses
11	Music
12	Music

What can this lead to?

- Performer
- Music therapist
- Arts administrator
- Music teacher
- Composer/Arranger
- Music journalist

What else do I need to know?

You must learn an instrument or voice alongside this subject. You may choose to have your instrumental lessons at school or outside of school.



The Arts

Music: Jazz

What's it all about?

Students will explore the numerous different styles of jazz music through a combination of performing, composing, arranging and analysis. Throughout the subject, students will learn about the history and theory of jazz, culminating in the composition, arrangement and performance of an original jazz composition.

Choose this subject if you are interested in learning about:

#Jazz #InfluenceInMusic #StylesGenresContexts #Performance #Composition

What will I learn?

- History and theory of jazz
- Solo and group performance
- Music theory, composition & arrangement
- Research, listening & score analysis

What kinds of classroom activities and assessments will I do?

Performance, composition, score analysis, listening analysis, multimedia and oral presentations, written tests, discussions, excursions, research and audio recordings.

Pathways

Year	Current studies that link to this Course
9	Music Technology & Performance, Music Composition & Performance
10	Music, Theatre: Audio & Costume

Year	Courses
11	Music
12	Music

What can this lead to?

- Performer
- Music therapist
- Arts administrator
- Music teacher
- Composer/Arranger
- Music journalist

What else do I need to know?

You must learn an instrument or voice alongside this subject. You may choose to have your instrumental lessons at school or outside of school.



The Arts

Painting & Printmaking

What's it all about?

Students learn a range of different styles in painting and printmaking- such as how to stretch a canvas and create a painting in acrylics and oils. Students learn how to create prints using screen printing, lino and etching. Students research and write about a range of painting artists and printmakers.

Choose this subject if you are interested in learning about:

#Lino #Etching #Screenprinting #Acrylic #Oilpainting

What will I learn?

- How to stretch a canvas and paint landscapes and portraits in different styles
- How to create an edition of prints using lino, silkscreen and etching
- How different artists create paintings and prints in different styles throughout history
- How artists break the traditional rules of painting and printmaking and how you can too

What kinds of classroom activities and assessments will I do?

Researching artists and collecting ideas and inspiration, documenting ideas, concepts and progress in an Arts Journal, creating artworks ready for an exhibition.

Pathways

Year	Current studies that link to this Course
9	2D Art, 3D Art
10	Sculpture, Architecture, Digital Photography, Visual Communication

Year	Courses
11	Art Making and Exhibiting, Visual Communication
12	Art Making and Exhibiting, Visual Communication

What can this lead to?

- Artist
- Curator
- Creative
- Merchandiser
- Advertising
- Designer

The Arts

Sculpture

What's it all about?

Sculpture as an art form with expressive possibilities, exploring space, volume, and surface texture. Learning about how sculpture has been explored over different times and places. Making sculptures using a variety of sculptural mediums and sculptural processes. Investigating artists and exploring their sculpture.

Choose this subject if you are interested in learning about:

#3D Forms #Mould Making #Casting #Assemblage #Installation Art #Model Making

What will I learn?

- Assemblage
- Found object sculpture
- Environmental land art
- Australian artists, Aboriginal & Torres Strait Islander artists and modern and contemporary sculptors from around the world

What kinds of classroom activities and assessments will I do?

Brainstorming, investigating artists, planning, exploring creative ideas, practical hands-on use of materials and techniques. Written assessments such as research and analysis of other artists as well as self-reflection about one's own making, and practical making assessments.

Pathways

Year	Current studies that link to this Course
9	2D Art, 3D Art
10	Visual Communication, Product Design, Media, Theatre: Lighting & Set.

Year	Courses
11	Art Making and Exhibiting, Product Design, Visual Communication, Theatre Studies
12	Art Making and Exhibiting, Product Design, Visual Communication, Theatre Studies

What can this lead to?

- Model-maker, 3D modeller
- Gallery/Museum curator
- Window display designer
- Museum exhibition designer
- Set designer
- Art teacher

What else do I need to know?

Regardless of what jobs you might later do, this subject is worthwhile for an experience of thinking creatively, problem solving and enjoying the process of making and creating with your hands.



The Arts

Systems Engineering

What's it all about?

Systems Engineering has two major components. The first project focuses on learning about robots, how to program them to perform specific tasks and how we can create design solutions for the world we live in. You will also learn all about centralised vs decentralised systems and how cryptocurrency, such as Bitcoin, work.

Choose this subject if you are interested in learning about:

#Robotics, #Programming #Construction #Cryptography #DecentralisedSystems #Bitcoin

What will I learn?

- Robotics and basic programming
- Centralised versus decentralised systems
- Understanding Cryptocurrency
- Use laser cutters and 3D Printer to build a signing device

What kinds of classroom activities and assessments will I do?

Projects involving Lego Robots, learn how centralised and decentralised systems work, construct hardware wallets, generate private keys using dice, and project-based assessment.

Pathways

Year	Current studies that link to this Course
9	Systems Technology, Information Technology
10	Information Technology

Year	Courses
11	Applied Computing, Product Design
12	Data Analytics; Product Design

What can this lead to?

- Cryptography
- Robotics engineering
- Systems engineering
- FinTech engineering
- Computing & Coding
- Security



The Arts

Theatre: Acting & Directing

What's it all about?

In this subject, students will focus on the performative side of theatre. Students will take on the role of actor and director in the interpretation of a monologue for an audience, and will contribute to a whole-class ensemble devised performance. Students will learn about the theatre styles of Naturalism/Realism and a range of non-naturalistic performance styles. Students will also attend a production and will engage in written & discussion-based analytical tasks.

Choose this subject if you are interested in learning about:

#ActingAndDirecting #Performance #TheatreMaking #Creativity #ProductionAnalysis

What will I learn?

- Monologue performance
- Production analysis
- Ensemble devised performance
- Realism/naturalism & non-naturalistic performance styles

What kinds of classroom activities and assessments will I do?

Ensemble devised work, monologue performances, performance analysis and critique, drama games, excursions, script interpretation, script writing, production viewing, class discussion.

Pathways

Year	Current studies that link to this Course
9	Drama, Dance
10	Theatre: Lighting & Set, Theatre: Sound & Costume, Dance

Year	Courses
11	Theatre Studies
12	Theatre Studies

What can this lead to?

- Actor
- Artist
- Content creator
- Director
- Theatre critic
- Dramaturg



The Arts

Theatre: Audio & Costume

What's it all about?

In this subject, students will focus on the non-performative side of theatre, exploring audio, costume and makeup design through practical activities, design projects and analysis of professional designs. Students will explore both the artistic aspects of creating designs, as well as the hands-on-skills required to realise their designs. Particular emphasis is placed on exploring real-world skills as students engage with industry-standard software and practices.

Choose this subject if you are interested in learning about:

#Audio #SFX #Makeup&Hair #CostumeDesign #ProductionRoles

What will I learn?

- Audio/Sound design projects and production skills
- Audio/Sound, Costume and Hair/Makeup design projects and production skills
- Production analysis
- Audio recording

What kinds of classroom activities and assessments will I do?

Practical skill-based workshops, design projects, performance analysis and critique, script interpretation, production viewing, class discussion.

Pathways

Year	Current studies that link to this Course
9	Drama, Music Technology & Performance, Media & IT, Vis. Comm. & Design
10	Theatre: Lighting & Set, Theatre: Acting & Directing, Music, Fashion Design

Year	Courses
11	Theatre Studies, Music, VET Music Industry, Media, Visual Communication and Design
12	Theatre Studies, Music, VET Music Industry, Media, Visual Communication and Design

What can this lead to?

- Audio technician
- Director
- Costume designer
- Sound designer
- Musician
- Hair & Makeup designer



The Arts

Theatre: Lighting Set

What's it all about?

In this subject, students will focus on the non-performative side of theatre, exploring lighting and set design through practical activities, design projects and analysis of professional designs. Students will explore both the artistic aspects of creating designs, as well as the hands-on-skills required to realise their designs. Particular emphasis is placed on exploring real-world skills as students engage with industry-standard software and practices, such as scale & technical drawing and model-making.

Choose this subject if you are interested in learning about:

#LightingDesign #SetDesign #TechnicalDrawing #ModelMaking #ProductionRoles

What will I learn?

- Lighting and set production skills
- Lighting and set design projects
- Production analysis
- Technical drawing

What kinds of classroom activities and assessments will I do?

Design projects, production analysis and critique, practical exercises, script interpretation, class discussion, technical drawing, software programming.

Pathways

Year	Current studies that link to this Course
9	Drama, Media & IT, Product Design, Visual Communication and Design
10	Theatre: Acting & Directing, Theatre: Audio & Costume, Architecture

Year	Courses
11	Theatre Studies, Media, Art Making & Exhibiting, Vis. Comm. & Design, Product Design
12	Theatre Studies, Media, Art Making & Exhibiting, Vis. Comm. & Design, Product Design

What can this lead to?

- Lighting designer
- Architect
- Set designer
- Director
- Director of photography
- Production designer



The Arts

Visual Communication

What's it all about?

Design is all around us. In this subject, you will explore the importance of design and how it is changing the world we live in daily. From wearable medical devices to social justice campaigns, design can save the world, and in this subject, you will be given the tools to make a difference. Undertaking this subject you will learn to use the design process, build on your drawing skills and explore different types of design.

Choose this subject if you are interested in learning about:

#ProblemSolving #CreativeThinking #DesignAndDrawing #DesignProcess #DesignFields

What will I learn?

- Using the design process to undertake extended project based folio assessments
- Experimenting with the foundations of design including aesthetic qualities
- Creating designs in response to briefs
- Exploring the different design fields, styles and history

What kinds of classroom activities and assessments will I do?

Theory based, including case studies, historical timelines and design analyses, and practical based, including extended project based folios, prototyping and model making.

Pathways

Year	Current studies that link to this Course
9	2D Art, Visual Communication, Media
10	Architecture, Furniture Design, Fashion Design, IT, Sculpture, Media, Digital Photography

Year	Courses
11	Visual Communication Design, Art Making and Exhibiting, Product Design, Media, Theatre Studies
12	Visual Communication Design, Art Making and Exhibiting, Product Design, Media, Theatre Studies

What can this lead to?

- Communication or graphic designer
- Landscape, set or stage designer
- Industrial designer
- Web/UX/UI designer
- Architect or interior designer
- Content creator

What else do I need to know?

Students undertaking this study must have a device compatible with downloading and running the Adobe Suite.



Health & Physical Education

All About Health

What's it all about?

This health course offers students an opportunity to dive into the concepts of physical, mental, emotional, social and spiritual health of themselves and others. Students will learn practical skills, knowledge and behaviours to improve their own health and explore the health of others in our local, national and global community.

Choose this subject if you are interested in learning about:

#PersonalHealth&Wellbeing #HealthofOthers #Nutrition #Sleep

What will I learn?

- Health status & health promotion
- Nutrition, sleep, stress and habits
- Road safety
- Community Health, Global Health status & Sustainable Development Goals

What kinds of classroom activities and assessments will I do?

Tests, oral presentations, incursions and excursions, student-directed projects

Pathways

Year	Current studies that link to this Course
9	PE & Health, Geography
10	Wellness & Leisure, Recreation, Global Issues & Solutions

Year	Courses
11	Health & Human Development
12	Health & Human Development

What can this lead to?

- Nursing & Medicine
- Aged care
- Allied health
- Community health
- Youth worker
- Dietician

What else do I need to know?

Students will be participating in a Road Safety/Driving Excursion (cost approx \$150).



Health & Physical Education

Fitness & Training

What's it all about?

Fitness & Training is all about maintaining and improving your fitness. It involves participation in a variety of activities and training methods, including running, fitness games and drills, strength training and H.I.I.T. (High intensity interval training). You may undertake excursions to classes such as Body Pump, F45, yoga and spin. In theory classes you will learn about fitness components & testing, training methods & principles and proper exercise technique.

Choose this subject if you are interested in learning about:

#Fitness #Training #PushingYourself #FitnessTesting

What will I learn?

- Fitness components and testing
- Training programs
- Proper exercise techniques
- Role of rest, recovery, nutrition and hydration

What kinds of classroom activities and assessments will I do?

Active participation in strength, cardio, flexibility and agility training. Undergo a variety of fitness tests. Analyse how rest and nutrition impact recovery and progress. Developing a training plan for individuals with specific requirements. Assessments will also rely on discussions, questions, tests and presentations.

Pathways

Year	Current studies that link to this Course
9	PE & Health
10	Sport Science, Sport & Coaching

Year	Courses
11	Physical Education
12	Physical Education

What can this lead to?

- Personal trainer
- Physiotherapist
- Strength & conditioning coach
- Performance analyst
- Exercise scientist
- Kinesiologist

What else do I need to know?

This is a practical subject and involves participation in intense physical exercise for the majority of the classes.



Health & Physical Education Recreation

What's it all about?

In this course you will learn leadership, practical and safety skills to plan your outdoor adventures. Theoretical studies include first aid, teamwork, problem solving, planning safe outdoor recreational activities. Practical activities will utilise our local parks and gardens to gain a further insight into the local environment. Students will also have the opportunity to participate in a range of games which focus on team and leadership skills. There will be opportunities for excursions to gain further knowledge and experience in outdoor activities.

Choose this subject if you are interested in learning about:

#OutdoorEnvironments #ParticipationInOutdoors #Leadership #RecreationalActivities

What will I learn?

- Leadership styles and teamwork activities
- Planning safe and sustainable outdoor recreation activities & First Aid
- Human Impacts and threats to outdoor environments
- Indigenous peoples' and non-Indigenous peoples' ways of knowing outdoor environments

What kinds of classroom activities and assessments will I do?

Safe participation in excursion/camps, planning for camps, case studies, data analysis, logbooks, written reports, media analysis, visual presentations, group work

Pathways

Year	Current studies that link to this Course
9	PE & Health
10	Environmental Science, Wellness & Leisure

Year	Courses
11	Outdoor and Environmental Studies, Environmental Science
12	Outdoor and Environmental Studies, Environmental Science

What can this lead to?

- Education
- Environmental research
- Nature tourism
- Natural resource management
- Outdoor leading & guiding
- Land management

What else do I need to know?

There will be a cost involved for any excursions, overnight trips or camps (approx \$200).



Health & Physical Education

Sport & Coaching

What's it all about?

In theory classes you will learn about good sportsmanship, coaching strategies and leadership. You will also explore sport psychology and skill learning. As part of this unit students will coach, umpire and help organise sports days as part of their assessment. You will participate in a range of sports ie. tennis, cricket, softball/baseball, basketball, netball, badminton, table tennis, AFL, soccer, futsal and hockey. In each of these activities, you get to improve your skills, game sense, tactics, teamwork and knowledge of rules.

Choose this subject if you are interested in learning about:

Coaching #Umpiring #All sports #Being physically active

What will I learn?

- Sports coaching: planning a lesson, different styles of coaching
- Skill acquisition (learning and teaching skills)
- Peer coaching (learning about & practising coaching others)
- How to manage and coach an interschool sport team

What kinds of classroom activities and assessments will I do?

Active Participation in sports, games and other activities, assignments, presentations, quizzes, group peer teaching of a skill/sport, running coaching/drill sessions, identifying what makes a good coach vs bad coach and positive psychology techniques.

Pathways

Year	Current studies that link to this Course
9	PE & Health
10	Fitness & Training, Sport Science

Year	Courses
11	Physical Education
12	Physical Education

What can this lead to?

- Personal trainer
- Sports coach
- Sport psychology
- Umpire
- PE teacher
- Fitness instructor

What else do I need to know?

This is a practical course. You will be participating in physical activity and teaching/coaching others.



Health & Physical Education

Sport Science

What's it all about?

In Sport Science, students will actively participate in games, activities and laboratory sessions where they will collect data, analyse and link practical application to theory. They will learn about the systems of the human body in relation to exercise and sport, as well analysing movement and performance with reference to energy systems, biomechanics and performance enhancement.

Choose this subject if you are interested in learning about:

#Sport Science #HumanAnatomy #EnergySystems #PerformanceEnhancement #Biomechanics

What will I learn?

- Skeletal, muscular, cardiovascular, respiratory and energy systems
- Performance enhancement
- Biomechanics

What kinds of classroom activities and assessments will I do?

Video analysis, leadership and game sense, application of movement skills and movement performances, completion of set learning activities and practical report work, class discussions, analysis, topic tests.

Pathways

Year	Current studies that link to this Course
9	PE & Health
10	Fitness & Training, Sport & Coaching

Year	Courses
11	Physical Education
12	Physical Education

What can this lead to?

- Nursing & Medicine
- Physiotherapy
- Coaching & Personal Training
- Osteopathy
- PE Teacher
- Exercise Scientist



Health & Physical Education Wellness & Leisure

What's it all about?

The aim of this course is to maintain and improve health & wellbeing, as well as experience and learn a variety of activities that you can do/practice in your own time. You will participate in less strenuous and less competitive activities (than year 7-9 PE) such as walks, yoga, pilates, self defence, circuits and lawn bowls. Class work will include theoretical approaches to wellbeing, meditation, mindfulness, and other approaches to health and wellbeing.

Choose this subject if you are interested in learning about:

#HealthandWellbeing #Leisure #MindBodyHealth

What will I learn?

- Wellbeing
- Mindfulness & meditation
- Dimensions of health
- How to improve mental health
- Benefits of regular physical activity
- Leisure activities to improve and maintain health

What kinds of classroom activities and assessments will I do?

Participation in gentle physical activity, discussions, group work, presentations, assignments, recording a diary;

Pathways

Year	Current studies that link to this Course
9	PE & Health
10	All About Health, Recreation

Year	Courses
11	Health & Human Development, Psychology
12	Health & Human Development, Psychology

What can this lead to?

- Yoga/Pilates instructor
- Counsellor
- Psychologist
- Recreation officer
- Leisure coordinator
- Health educator

What else do I need to know?

You will participate in physical activities as well as learning about health and wellbeing.



The Humanities

Business, Economics & Entrepreneurship

What's it all about?

Business, Entrepreneurship and Economics (BEE) gives students the opportunity to learn skills needed to start and run their own business, prepares them to find and gain employment, and gives them an understanding of how our economy and world works.

Choose this subject if you are interested in learning about:

#business #money #economy #working #entrepreneurs

What will I learn?

- Teamwork skills, problem solving, design thinking
- Business marketing, accounting, and presenting
- How to write a compelling CV, cover letter and prepare to ace a job interview
- How our economy and our world works.

What kinds of classroom activities and assessments will I do?

You'll work in a team to design, source, pitch, market and sell a product in the school's vending machine. You'll create a personalised list of skills, CV, cover letter and undertake a mock-interview before applying for jobs in the real world!

Pathways

Year	Studies that link to this Course
10	Global Issues & Solutions, Democracy and Justice

Year	Courses
11	Economics, Business Management, Accounting, Legal Studies
12	Economics, Business Management, Accounting, Legal Studies

What can this lead to?

- Business owner
- Entrepreneur
- Accountant
- Economist
- Policy advisor
- Finance

What else do I need to know?

This is a project based, hands-on learning subject. It will suit students who enjoy working in teams to solve a problem. Significant student choice is involved in this subject.



The Humanities

Democracy & Justice

What's it all about?

In this subject you will learn about the touchstones of our Australian democracy and the function of parliament and the courts. You'll learn about the process of electing MPs into parliament, and how those MPs represent our views by passing laws. You'll consider social, political and legal justice, applying your understanding to current news events, and lastly undertake a Civic Action Plan in groups to create change in your local community.

Choose this subject if you are interested in learning about:

#crime #government #activism #citizenship #hottopics

What will I learn?

- The structure of parliament, how bills become laws and how parties form government
- Different forms of social justice and injustice
- Legal justice and current problems
- In groups, undertake a Civic Action Plan on an issue of your choice

What kinds of classroom activities and assessments will I do?

Learn key concepts and apply understanding to case studies and current news events, develop a point of view in relation to the topics; topic tests and research tasks.

Pathways

Year	Current studies that link to this Course
9	History, Galileo
10	Philosophy, Global Issues & Solutions, The World Wars, Modern Asian History

Year	Courses
11	Legal Studies, Philosophy, Modern History
12	Legal Studies, Global Politics, Philosophy

What can this lead to?

- Journalist
- Activist
- Lawyer
- Government or council employee
- Politician
- Police officer



The Humanities

Global Issues & Solutions

What's it all about?

Global Issues will let you investigate some of the big issues challenging our world. From engaging with the journeys and stories of refugees to exploring the science of climate change, Global Issues students will explore the impacts and consequences of human activities and natural processes on communities throughout the world. Geographers have a sense of wonder, curiosity and empathy that helps them to question and solve the world's problems.

Choose this subject if you are interested in learning about:

#mapping #fieldwork #globalinequality #noplanetB #humanrights

What will I learn?

- Ecological worldviews and environmental problem solving
- Impacts of climate change and responding to desertification
- Patterns of human migration and refugee displacement
- Making poverty history and responding to the challenges of local homelessness

What kinds of classroom activities and assessments will I do?

Problem solving activities, mapping, short answer responses, case studies, seminars with working professionals in geographic fields, data analysis, practical classes, fieldwork, and excursions.

Pathways

Year	Current studies that link to this Course
9	Geography
10	Democracy & Justice, Environmental Science, All About Health

Year	Courses
11	Geography, Australian & Global Politics, Economics, Environmental Science
12	Geography, Global Politics

What can this lead to?

- Disaster management
- Environmental engineer
- Urban planner
- International development officer
- Ecologist
- Foreign aid



The Humanities

Modern Asian History

What's it all about?

Year 10 Modern Asian History studies the recent histories (20th and 21st Century) of China and India. The first unit examines Republican China and the victory of the Chinese Communists Party (CCP) in 1949. It then explores the type of society the CCP created in China through the study of key events, such as the Great Leap Forward and the Cultural Revolution. The second unit focuses on the role played by Gandhi in achieving Indian independence from British colonial rule in 1947, the partition of India and Pakistan and the current leadership of Prime Minister Narendra Modi.

Choose this subject if you are interested in learning about:

#Asia #China #India #Mao Zedong #Gandhi

What will I learn?

- China - Republican China, the Long March, the Civil War, Great Leap Forward, the Cultural Revolution, Mao Zedong's leadership, the rise of China as an economic superpower.
- India - Early Indian History (including religion and culture), the British East India Company, British colonial rule, the role of Gandhi and the independence movement, Narendra Modi.

What kinds of classroom activities and assessments will I do?

Essays, source analysis, film analysis, discussions, short-answer responses.

Pathways

Year	Current studies that link to this Course
9	History
10	The World Wars, Democracy & Justice, Philosophy

Year	Courses
11	Modern History, Philosophy, Australian & Global Politics, Legal Studies
12	Revolutions, Philosophy, Global Politics, Legal Studies

What can this lead to?

- Historian
- Lawyer
- Teacher
- International relations
- Analyst
- Department of Foreign Affairs & Trade



The Humanities

Philosophy

What's it all about?

With class discussions, engaging debates, and deep questions, students will examine the big questions in their lives and gain invaluable insight about life, universe and everything. Whether students come out with more questions than answers, one thing is certain: this course will challenge them to think outside of the box!

Choose this subject if you are interested in learning about:

#TheBIGquestions #CriticalThinking #PhilosophyOfScience #Ethics #Happiness

What will I learn?

- Introduction to Philosophy: How to activate your critical thinking skills
- Philosophy of Science: What is the nature of Science and how can it change over time?
- Ethics: What is right and wrong and how do we know the difference?
- The Good Life: What does it mean to live a happy fulfilling life?

What kinds of classroom activities and assessments will I do?

Class discussions and debates, research tasks, student presentation, and reflective journaling.

Pathways

Year	Current studies that link to this Course
9	History, Galileo
10	Democracy and Justice, Science, Critical Thinking and Research, English & Literature

Year	Courses
11	Politics, Legal Studies, Classics, Physics, Biology, Chemistry, Extended Investigation, English & Literature
12	Politics, Legal Studies, Classics, Physics, Biology, Chemistry, Extended Investigation English & Literature

What can this lead to?

- Analyst
- Researcher or scientist
- Law & Politics
- Diplomat
- Public relations
- Academic



The Humanities

The World Wars

What's it all about?

World War One and Two. These epochal events of the 20th century led to the creation of new nations and new organisations while including some of the most fascinating characters in history. We will explore Australia's contribution to these wars and how they shaped national policies both at home and abroad. Learn about the amazing battles as well as the cultural reaction to the wars through art, film and writing.

Choose this subject if you are interested in learning about:

#Warfare #Homefront #Global #HumanRights #Morality

What will I learn?

- The Axis and Allied powers in both wars and the causes of the wars
- The fierce fighting in trenches, on islands, at sea and in the air
- The political impacts of the wars both in Australia and abroad
- Artistic & cultural reactions to the devastation of the World Wars

What kinds of classroom activities and assessments will I do?

Visual and written source analysis, investigation into morality and human rights, extended writing, presentations, group work, gallery walks, excursions.

Pathways

Year	Current studies that link to this Course
9	History
10	Modern Asian History, Democracy & Justice, Literature, Philosophy

Year	Courses
11	Modern History, Philosophy, Legal Studies, Australian & Global Politics, Literature
12	Revolutions, Philosophy, Legal Studies, Global Politics, Literature

What can this lead to?

- Military historian
- Writer
- Video game developer
- Teacher
- Travel guide
- Screenwriting & set design



Inquiry

Critical Thinking & Research

What's it all about?

In Critical Thinking and Research, students uncover the role of bias and learn how to apply a critical lens to the world around them. Students explore the rise of conspiracy theories and fake news and identify why people are drawn to them in order to make sense of a chaotic and complex world. Students utilise their critical thinking skills to understand effective research, applying their knowledge of research methods to complete their own research proposal.

Choose this subject if you are interested in learning about:

#conspiracytheories #investigation #projectbasedlearning #metacognition

What will I learn?

- Constructing arguments and reasoning
- Analysing the power of conspiracy theories
- Understanding different research methods
- Metacognition (*learning how to learn*)

What kinds of classroom activities and assessments will I do?

Class discussions, research proposals, presentations, infographics, writing conspiracies.

Pathways

Year	Current studies that link to this Course
9	Galileo, English, History
10	English, Science, Democracy & Justice, Philosophy

Year	Courses
11	Extended Investigation, English, Philosophy
12	Extended Investigation, English, Philosophy

What can this lead to?

- Academic
- Consultant
- Researcher
- Scientist
- Sociologist
- Psychologist



Languages

French

What's it all about?

In French, students will extend their knowledge of French using the five skills: listening, speaking, viewing, reading and writing. Students will learn to communicate and have conversations about housework, shopping, health, childhood, the past and ambitions for the future, in French!

Choose this subject if you are interested in learning about:

#communicatinginFrench #Frenchculture #grammar #Frenchlife

What will I learn?

Semester 1	Semester 2
<ul style="list-style-type: none"> Revisit passé composé and learning about housework Talk about grocery shopping/food and how to have a conversation with a vendor Discuss health and injuries 	<ul style="list-style-type: none"> How life used to be and talking about our childhoods Narrating events in the past Expressing desires and ambitions for the future

What kinds of classroom activities and assessments will I do?

Reading, listening, dictations, notes taking, writing, summarising, speaking, convincing, role play, general conversations, asking questions, comparing.

Pathways

Year	Current studies that link to this Course
9	French

Year	Courses
11	French
12	French

What can this lead to?

- Translator/Interpreter
- International development
- Tourism & Travel
- Journalist
- Marketing for French luxe brands
- Sommelier

What else do I need to know?

A language is something that you are continuously building upon. It will require work but the reward is amazing and it's something that can take you anywhere in the world!



Languages

German

What's it all about?

In year 10 German we continue our language journey, developing your speaking, listening, reading and writing skills. We will work on lots of new grammar topics, We will keep a personal diary. We'll learn about life in Berlin before the fall of the Berlin Wall. We will continue using Ganz Klasse 2 from year 9 and also have a dedicated grammar book for extra practice. We will have lots of fun along the way!

Choose this subject if you are interested in learning about:

#LifeInGermany #AustraliaVsGermany #GermanHistory #Climate #Jobs #Berlin #Tourism

What will I learn?

Semester 1 <ul style="list-style-type: none"> • Year 7-9 Revision • Comparison of education between Australia and Germany • Tourism and Berlin focus • The environment 	Semester 2 <ul style="list-style-type: none"> • German film study • Teenage life in Germany • Finding a job
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What kinds of classroom activities and assessments will I do?

Lots of speaking activities, Diary writing, role plays, singing songs, making videos, and text analyses.

Pathways

Year	Current studies that link to this Course
9	German

Year	Courses
11	German
12	German

What can this lead to?

- Teacher
- Interpreter
- Musician
- Business administration
- Sports
- Travel & Tourism



Languages

Latin

What's it all about?

In Latin, students continue to develop their ability to read & write Latin. Students learn vocabulary, grammar and all about the history and cultural context of the Latin Language.

Choose this subject if you are interested in learning about:

#Latin #vocab #grammar #English language conventions #AncientHistory

What will I learn?

Semester 1	Semester 2
<ul style="list-style-type: none"> Vocab - Oxford Latin Course Chapters 14-24 Grammar -special adjectives, past tenses, 4th & 5th declension nouns, expressions of time & place Historical & cultural context of the Latin language Virgil's Aeneid: basic info 	<ul style="list-style-type: none"> Vocab - Oxford Latin Course Chapters 25-46 Grammar - future tenses, participles, passive & subjunctive verbs, indirect speech Further historical & cultural context of the Latin language Virgil's Aeneid: further basic info

What kinds of classroom activities and assessments will I do?

Seen, original texts & unseen translations, language analysis, literary techniques, accidence & syntax.

Pathways

Year	Current studies that link to this Course
9	Latin (not gAP Latin - see note below)

Year	Courses
11	Latin
12	Latin

What can this lead to?

- Latin teacher
- Translator
- Palaeontologist
- Botanist
- Historian
- Etymologist

What else do I need to know?

Students enrolled in year 9 Latin may take this course. Students who have completed years 7-9 Latin in the AP program can instead consider accelerating their VCE into Unit 1 and 2 Latin (see VCE Handbook for more information).



Science

Environmental Science

What's it all about?

Environmental Science explores the interactions and interconnectedness between humans and their environments, and analyses the functions of both living and non-living elements that sustain Earth systems through the lenses of Biology, Chemistry and Physics.

Choose this subject if you are interested in learning about:

#Environment #ClimateChange #Sustainability #Biodiversity #RenewableResources

What will I learn?

- Ecology and earth systems
- Renewable and non-renewable energy resources
- Climate change and biodiversity
- Monitoring pollutants

What kinds of classroom activities and assessments will I do?

Experiments, modelling, field trips, problem solving, report writing and scientific investigations

Pathways

Year	Current studies that link to this Course
9	Science
10	Essential Science, Space, Recreation

Year	Courses
11	Biology, Chemistry, Physics, Outdoor and Environmental Studies
12	Biology, Chemistry, Physics, Outdoor and Environmental Studies

What can this lead to?

- Environmental scientist
- Biologist
- Natural resource manager
- Chemist
- Sustainability specialist
- Environmental planner



Science

Essential Science

What's it all about?

Students will expand their knowledge of Biology, Chemistry, and Physics, and gain a broader understanding of how Science intersects with the world around them. Students explore Science in various real-life scenarios, examining how scientific knowledge is relevant in different contexts. Students will engage in both theoretical and practical work.

Choose this subject if you are interested in learning about:

#Genetics #Evolution #ChemicalFormula #ChemicalReactions #Motion&Speed

What will I learn?

- Genetics and mechanisms of evolution, including mutation and natural selection
- Periodic table, various chemical reactions and balancing chemical equations
- Relationships between distance, speed and acceleration

What kinds of classroom activities and assessments will I do?

Experiments, modelling, problem solving, report writing, scientific investigations and tests

Pathways

Year	Current studies that link to this Course
9	Science
10	Environmental Science, Forensic Science and Space Science

Year	Courses
11	Biology, Chemistry, Physics
12	Biology, Chemistry, Physics

What can this lead to?

- Biologist
- Medical professional
- Chemist
- Researcher
- Physicist
- Engineer



Science

Forensic Science

What's it all about?

Students will apply their knowledge of Biology, Chemistry, Physics and Psychology to uncover evidence, identify patterns and construct arguments, enabling them to solve crimes and make new discoveries. The subject also promotes critical thinking and fosters ethical capabilities through a criminal investigation.

Choose this subject if you are interested in learning about:

#CriminalInvestigation #DNA #ChemicalReactions #PsychologicalAssessment #ForensicPhysics

What will I learn?

- Understanding criminal behaviour, including motive analysis and offender profiling
- Significance of DNA in Forensic Science and techniques of DNA analysis
- Chemical reactions used in the analyses of crime scenes
- Investigating the Physics of car crashes, flight behaviour and projectiles

What kinds of classroom activities and assessments will I do?

Practical tasks, research assignments, case studies and student presentations.

Pathways

Year	Current studies that link to this Course
9	Science
10	Essential Science, Space

Year	Courses
11	Biology, Chemistry, Physics, Psychology
12	Biology, Chemistry, Physics, Psychology

What can this lead to?

- Analytical chemist
- Laboratory technician
- Biomedical scientist
- Forensic scientist
- Toxicologist
- Crime scene investigator



Science

Space Science

What's it all about?

Space Science is an interdisciplinary Science subject that focuses on our place in the universe. Students will learn about the universe and space exploration through the lenses of Biology, Chemistry, Physics and Earth and Space Sciences.

Choose this subject if you are interested in learning about:

#OriginsOfLife #BigBang #SpaceChemistry #Astrobiology #RocketScience

What will I learn?

- Origins of the universe to the beginnings of life
- Chemical reactions in space
- Life in extreme environments and human conditions during space travel
- Physics of space travel

What kinds of classroom activities and assessments will I do?

Practical investigations, telescope viewing, launching a mini rocket, class discussions, research projects and tests.

Pathways

Year	Current studies that link to this Course
9	Science
10	Essential Science, Forensic Science and Environmental Science

Year	Courses
11	Biology, Chemistry, Physics
12	Biology, Chemistry, Physics

What can this lead to?

- Physicist
- Astronaut
- Astrobiologist & Astronomer
- Engineer
- Pilot
- Environmental scientist

VCE Acceleration

Current Year 9 students are invited to express interest in completing a VCE Unit 1 and 2 subject or a VET Certificate II and VET Certificate III as part of their Year 10 program. There are a number of criteria that current Year 9 students will need to meet to access a VCE or VET subject. This process should help students achieve their goals whilst ensuring they are making good subject choices. These criteria include:

- high level of in-class attendance
- sustained academic excellence over a range of subjects
- demonstration of a commitment to learning and a positive learning culture as outlined in the UHS Attitude & Effort Reporting Rubric

Year 9AP students who are interested in accelerating their VCE program are eligible to include VCE Unit 1 and 2 Latin in addition to one other VCE Unit 1 and 2 subject.

Students who accelerate in VCE studies are still expected to complete a regular course load in Year 11 and Year 12. Acceleration in VCE studies is an opportunity to add breadth to a Senior Pathways program.

Interested students can consult the VCE Course Outlines in the UHS Senior Pathways - VCE Handbook (available on the Compass Newsfeed and UHS website). Please note that VCE and VET programs have limited availability.

Senior Pathways Planning Template

Year 1 - Year 10 course selection	
Core program	
English/EAL (year long):	
Mathematics (year long):	
The Arts core-elective (semester-long):	The Humanities core-elective (semester-long):
Science core-elective (semester-long):	Health/PE core-elective (semester-long):
The Arts back-up elective:	The Humanities back-up elective:
Science back-up elective:	Health & PE back-up elective:
Electives	
<ul style="list-style-type: none"> • 4 x semester-long subjects from any Domain (The Arts, English & EAL, Health & Physical Education, The Humanities, Inquiry, Mathematics, Science) OR • 2 x semester-long subjects from any Domain <u>and</u> a Language (year-long) OR • 2 x semester-long subjects from any Domain <u>and</u> a VCE* or VET* (year-long) OR • A VCE* or VET* <u>and</u> Language/English (Latin/German/Bridging EAL/French/Literature) 	
Elective choice 1:	Elective choice 2:
Elective choice 3:	Elective choice 4:
Language (<u>optional</u> year-long elective):	
VCE* or VET* (<u>optional</u> year-long elective):	

*Students must apply to commence an accelerated VCE program

Year 2 - Year 11 course selection	Year 3 - Year 12 course selection
English subject (Units 1-4 over two years):	
After school And beyond!	
What careers are you interested in?	
What courses or training will help you reach your career goals?	
Are there any VCE subjects that are prerequisites for the courses or training you may wish to complete after school?	