

YEARS 9 & 10

*Program and Subject
Selection Guide*

2025



crusoe
COLLEGE

RESPECT

ENDEAVOUR

ASPIRATION

LEARNING

Welcome

Dear Parents, Carers and Students,

Welcome to the Crusoe College 2025 Curriculum Program Guide. The transition from one year to the next is an exciting time and it is important all families take the time to work through the guide together to understand what we offer, what is expected of students in each class and how to access support and advice.

At Crusoe College, we believe in developing and maintaining strong partnerships between home and school to support your child or children to meet their learning needs and explore their preferred pathway into their senior secondary years and beyond.

The curriculum offered at Crusoe College follows the Victorian Curriculum F-10. This curriculum, developed by the Victorian Curriculum and Assessment Authority (VCAA), “is the common set of knowledge and skills required by students for life-long learning, social development and active and informed citizenship”. Our curriculum has core subjects that must be completed and modules from which students can choose a variety of learning options. This enables them to be successful, enjoy their study and try new things which may influence their choice of pathways to higher education, training, or employment. We also offer a small range of Victorian Certificate of Education (VCE) and Vocational Educational & Training (VET) subjects for Year 10 students.

As students move through Years 7 – 10 at Crusoe College, they can experience a broad range of subjects, gradually moving towards accessing a greater range of choices during their final year at the college before heading to senior secondary education or other educational institutions and pathways.

It is important to note that we have some subject and module charges. This guide provides information on the cost for each module. The college requests that families pay the module costs before the program starts. Please also note there is a range of modules with no associated costs.

I encourage all families to work through the guide and map out a plan for 2025 and beyond. Our staff are available to discuss options and I strongly recommend you contact your child’s Advisory teacher if you have any queries about specific subjects or the selection process.



Simon Wood,
Principal

Program Options and Planning

A typical program from Year 9 to the end of senior schooling takes 4 years and can take many pathways. Students will complete Years 9 and 10 at Crusoe College and then transition to Bendigo Senior Secondary College (BSSC) to complete Years 11 and 12 as part of a VCE certificate. A general pathway from Years 9 to 12 can be seen below.

| Year 9 to 12 Course | | | | | | |
|--|---|--|---|----------------------|----------------|----------------------|
| Year 9 @ Crusoe College | | Year 10 @ Crusoe College | | Year 11 @ BSSC | Year 12 @ BSSC | |
| Compulsory subjects English Maths** Science** Humanities Health Electives *Select 2 or 3 subjects per semester from a broad range of subjects mentioned in this guide **Indicates students may choose from a range of subjects to satisfy this requirement of their program. | → | Compulsory subjects English Maths** Science** Humanities** | → | VCE | → | VCE |
| | | Electives *Select 2 or 3 subjects per semester from a broad range of subjects mentioned in this guide. A select range of VCE units and VET courses are available for Year 10 students. **Indicates students may choose from a range of subjects to satisfy this requirement of their program. | → | VCE Vocational Major | → | VCE Vocational Major |

When choosing a course for your program, it is important to:

- Consider your **pathway** after completing Year 12. If you think you would like to attend university or TAFE, a program aimed at completing prerequisite subjects and subject areas is an important factor. If you do not yet know your pathway or would like to keep your options open. If you have a vocational pathway, think about subjects that complement this pathway.
- Identify your **passions** and strengths and link these with appropriate work/career choices.
- Seek help from teachers regarding **prerequisite** subjects you may need for university courses that interest you.

COURSE RESTRICTIONS

Electives offered throughout this Curriculum Program Guide will only run if minimum class sizes are met. Students should note that some subjects have specific requirements or prerequisites. These are indicated on subject pages where applicable. Crusoe College will make decisions about running subjects based on the demand and resources for each subject. Subjects selected by a small number of students may be withdrawn. When a subject is withdrawn, students will be notified, and their backup subject choices will be used and/or further course counselling will be undertaken.

Learning Pathways

The Curriculum Program Guide identifies Learning Pathways for each Learning Domain.

Each Learning Pathway is **not a prescribed combination of units, but a suggested package**. Use the Pathways sections in each Domain Area as a guide to help you in constructing your own learning pathway from Year 9 through to the end of Year 12. You are free to choose any combination of subjects you like, within the parameters outlined. Consult your parents, teachers, and Advisory Teacher.

Why Learning Pathways?

- To assist you and your parents to see the connection between Years 9 and 10 subjects, VCE units and VET courses.
- To provide a framework for you to understand and plan your learning programs.
- To assist you in developing a purpose and direction with your studies program.
- To give a career/vocational focus to your learning programs.

How to Use the Pathways?

The Learning Pathways are meant as a **guide** and are not meant to be exhaustive or prescriptive. Very few VCE Units have pre-requisites however many important learning skills can be developed through undertaking a broad learning program that maintains all options for further study.

Choosing Subjects

When considering subjects and units you should ask yourself the following questions:

- Do I like the subjects I have chosen? (Experience shows that you do better if you are undertaking subjects or units you enjoy.) Avoid choosing subjects because your friends are doing them.
- Do I have an idea of the field of work that most interests me?
- How do these subjects or units relate to my chosen area of interest?
- Do I have a broad choice next year or have I locked myself into a narrow field of subjects?

Consult, Question and Discuss

- Discuss your potential options with your parents. You will need to acknowledge on your subject selection form that you have discussed your choices with your parent/s. Any future pathway changes will also be acknowledged by a parent.
- Seek out teachers of your subjects or consult current teachers for information. Sometimes the best source of information on a subject is the current students.

Co-contribution Payment for Elective Subjects

Details of co-contributions payments for elective subjects will be published in Term 4.

Program Selection Process

- Students will be required to fill in an online Program Selection form through Griddle.
- Students will select subjects for Semester 1 and Semester 2. Please note that there will be minimal opportunity for students to change their program mid-year.
- Students will then enter their subject selections online via the Griddle form.
- A letter confirming the student's selections will be sent home in Term 4 for parents to sign and return.

Program structure

| Year 9 2025 | Semester One | Semester Two |
|---|--|--|
| Advisory/Assemblies | <ul style="list-style-type: none"> • Each morning • One additional period each week | <ul style="list-style-type: none"> • Each morning • One additional period each week |
| By advisory group English (100 points) Humanities (100 points) | <ul style="list-style-type: none"> • 5 periods per week • 3 periods per week | <ul style="list-style-type: none"> • 5 periods per week • 3 periods per week |
| By design Health (50 points) | <ul style="list-style-type: none"> • 3 periods per week in either Semester One or Semester Two | |
| By design Mathematics (100 points) Science (100 points) | <ul style="list-style-type: none"> • 4 periods per week • 3 periods per week | <ul style="list-style-type: none"> • 4 periods per week • 3 periods per week (options available) |
| By design - electives Electives (total 250 points) | Semester length electives are 50 points Whole year electives are 100 points <i>*Year 9s are able to access a number of Year 10 electives</i> | |

| Year 10 2025 | Semester One | Semester Two |
|---|--|--|
| Advisory/Assemblies | <ul style="list-style-type: none"> • Each morning • One additional period each week | <ul style="list-style-type: none"> • Each morning • One additional period each week |
| By design English (100 points) Mathematics (100 points) Humanities (100 points) Science (100 points) | <ul style="list-style-type: none"> • 5 periods per week • 4 periods per week • 3 periods per week • 3 periods per week | <ul style="list-style-type: none"> • 5 periods per week • 4 periods per week • 3 periods per week • 3 periods per week |
| s Electives (total 300 points) | Semester length electives are 50 points Whole year electives are 100 points | |

Domains

Listed below are all the current subjects available for students, categorised in Domains.

All **compulsory** subjects will have the word “**Compulsory**” next to them. All other subjects are **electives**. Some **electives** are specifically for Year 9 or Year 10 students or can be taken by both Year 9 & 10 students.

If you are viewing this digitally, please click on the subject name below to be taken to that page in the document

| English: Pages 9-10 | Year | Mathematics: Pages 11-12 | Year |
|--|---|--|---|
| <p>Core: Year 9 English (Compulsory) Year 10 English (Compulsory) English as an Additional Language* English: Literacy Support*</p> <p>Electives: Year 9 & 10 Year 10 Creative Writing</p> <p>Year 10 only Year 10 Literature</p> <p><i>*For identified students only.</i></p> | 9 10 9 & 10 9 & 10 9 & 10 10 | <p>Core: Year 9 choose one from Year 9 Mathematics General (Compulsory) Year 9 Mathematics Advanced* (Compulsory)</p> <p>Year 10 choose one from Year 10 Mathematics General (Compulsory) Year 10 Mathematics Advanced* (Compulsory) Year 10 Mathematics Foundation* (Compulsory)</p> <p><i>*For identified students only</i></p> | 9 9 10 10 10 |
| Humanities: Pages 13-15 | Year | Science: Pages 16-18 | Year |
| <p>Core: Year 9 Humanities (Compulsory)</p> <p>Year 10 Compulsory - Choose two of Year 10 Ancient History Year 10 Australian History Year 10 Business World Year 10 Geography Year 10 Historical Investigation Year 10 History 1 – Pre 1945 Year 10 History 2 – Post 1945 Year 10 Legal Studies Year 10 Mythology Year 10 Philosophy & Sociology</p> <p>Electives Year 9 <i>Students may choose any of the Humanities subjects listed (above) in red in addition to other Humanities selections.</i></p> <p>Year 10 <i>Students may choose any of the Humanities subjects listed (above) in addition to other Humanities selections.</i></p> | 9 10 9 & 10 10 10 9 & 10 10 10 10 10 9 & 10 9 & 10 10 10 10 | <p>Core: Year 9 Science General (Compulsory)* <i>*Year 9 students may choose any of the red subjects (below) for their Semester 2 compulsory Science subject</i></p> <p>Year 10 Compulsory - Choose two of Year 10 Agriculture Science Year 10 Astronomy Year 10 Biology Year 10 Chemistry Year 10 Environmental Science Year 10 Human Physiology Year 10 Forensics Year 10 Physics Year 10 Psychology Year 10 Science General (whole year)</p> <p>Electives Year 9 & 10 Year 10 STEM Projects</p> <p>Year 9 <i>Students may choose any of the Science subjects listed (above) in red in addition to other Science selections.</i></p> <p>Year 10 <i>Students may choose any of the Science subjects listed (above) in addition to other Science selections.</i></p> <p>VCE subjects: Psychology units 1 & 2* <i>*For identified students only</i></p> | 9 9 & 10 10 9 & 10 10 10 9 & 10 9 & 10 10 10 9 & 10 |

| Health & PE: Pages 19-21 | Year | Languages: Pages 22-23 | Year |
|---|--|--|--|
| Core: Health | 9 | Electives Year 9 & 10 Chinese German | 9 & 10 9 & 10 |
| Electives Year 9 & 10 PE: General PE: Match Fit** PE: Basketball Squad* PE: Netball Squad* PE: Volleyball Squad* Athlete Development Program (ADP)** | 9 & 10 9 & 10 9 & 10 9 & 10 9 & 10 9 & 10 | Year 9 only Indonesian | 9 |
| Year 10 only PE: Outdoor Education | 10 | Year 10 only French | 10 |
| VCE subjects: Health & Human Development units 1 & 2* | 10 | | |
| <small>*Students can choose a maximum of one squad for the year **Students in ADP cannot choose Match Fit or a squad</small> | | | |
| Arts / Performing Arts: Pages 23-25 | Year | Technology: Pages 26-30 | Year |
| Electives Year 9 & 10 Year 10 Drama Year 10 General Art Year 10 Production Year 10 Architecture & Interior Design | 9 & 10 9 & 10 9 & 10 9 & 10 | Electives Year 9 & 10 Year 10 Automotive Year 10 Café Foods Year 10 Design & Robotics Year 10 Energy Breakthrough Year 10 Project Building Year 10 Skate Deck | 9 & 10 9 & 10 9 & 10 9 & 10 9 & 10 9 & 10 9 & 10 |
| Year 9 only Year 9 Art Making and Exhibiting Year 9 Film & Animation Year 9 Music Year 9 Photography | 9 9 9 9 | Year 9 only Year 9 Baking Year 9 Cooking Connections Year 9 Textiles Year 9 Welding Year 9 Woodwork | 9 9 9 9 9 |
| Year 10 only Year 10 Art Making and Exhibiting Year 10 Film & Animation Year 10 Music Year 10 Photography Year 10 School Magazine | 10 10 10 10 10 | Year 10 only Year 10 Baking Year 10 Engineering Year 10 International Food Trends Year 10 Furnishing Year 10 Textiles | 10 10 10 10 10 |
| Head Start: Page 31 | Year | | |
| Head Start School Based Apprenticeships & Training | 10 | | |

Key School Contacts



Simon Wood
Principal



Michael Lennon
Assistant Principal
Learning & Teaching



Bree McKern
Assistant Principal
Engagement & Wellbeing



Duane Anderson
Curriculum, Data & Assessment
Leader



Ryan Hon
Engagement Leader
Dyson



Matthew Plathe
Engagement Leader
Ipsen



Jason Carter
Engagement Leader
White



Sam Mills
Engagement Leader
Yates



Joel McLean
Wellbeing Leader



Broden Minogue
Head Start
Coordinator

Pathway

ENGLISH

The subject English is a compulsory subject for all students across Years 9 & 10.

In Year 9, students will undertake Year 9 Core English. This leads into Year 10 English, and then into the different VCE strands of English in Years 11 & 12.

In Year 10, most students will complete Year 10 English which leads into any of the VCE English Pathways: English, English Language or Literature. In Term 1, Year 10 students completing the English Pathway course will choose from two main text groups.

We recognise that a number of our students have diverse learning needs and require support with the development of their literacy skills. Students requiring Literacy Support or English as an Additional Language will be approached by our Literacy and EAL teachers to undertake these programs.

| English Pathways | | | | | | |
|---|---|------------------------------|---|---|---|---|
| Year 9 | | Year 10 | | Year 11 | | Year 12 |
| Year 9 Core English (Compulsory) | → | Year 10 English (Compulsory) | → | VCE English Units 1 & 2 | → | VCE English Units 3 & 4 |
| | | | → | VCE English Language Units 1 & 2 | → | VCE English Language Units 3 & 4 |
| | | | → | VCE English Literature Units 1 & 2 | → | VCE English Literature Units 3 & 4 |
| | | Year 10 Literature Elective | → | VCE English Literature Units 1 & 2 | → | VCE English Literature Units 3 & 4 |
| Year 9/10 Creative Writing Elective | | | → | VCE English Units 1 & 2 | → | VCE English Units 3 & 4 |
| Year 9/10 Literacy Support* (in lieu of compulsory English) | | | → | VCE English* Units 1 & 2 | → | VCE English* Units 3 & 4 |
| Year 9/10 English as an Additional Language** | | | → | VCE English as an Additional Language Units 1 & 2 | → | VCE English as an Additional Language Units 3 & 4 |

*Please note: only students who have been identified through additional testing as requiring Literacy Support will be able to undertake this subject. Their VCE English pathway may involve VCE Vocational Major Literacy.

**Please note: only students identified as requiring further development with their English language skills will be able to undertake this subject.

CORE UNITS

Year 9 English

This subject is compulsory for all Year 9 students.

In this subject, you will read and respond to texts. Students discuss ideas about our world and the people who shape it and consider themes of justice, equality, and hope. Students also write creative and analytical texts and present their writing for different purposes and audiences.

Year 10 English

This subject is compulsory for all Year 10 students.

In this subject, you will read and respond to texts. Students discuss ideas about our world and the people who shape it and consider themes of justice, equality, and hope. Students also write creative and analytical texts and present their writing for different purposes and audiences.

ELECTIVE OPTIONS

Year 9/10 Creative Writing

In this subject, students will step into the world of imagination with our Creative Writing elective for Years 9 and 10! This dynamic course invites you to explore the art of storytelling and poetic expression through a variety of creative mediums. You will engage with diverse sources of inspiration, including film, picture storybooks and short stories. By examining these works, you'll uncover the secrets behind compelling narratives and evocative poetry.

In addition, you'll delve into the world of music by analysing song lyrics, discovering how rhythm, metaphor, and emotion are crafted in a different form of writing. Through a series of engaging workshops and guided exercises, you'll develop your own unique voice, experiment with narrative structures, and refine your poetic skills.

Year 10 Literature

In this subject, students read a wide range of texts before responding in discussion and writing to the ideas and 'worlds' of the texts. There are opportunities for students to discover texts and ideas that are new and challenging, and to discuss ways that stories, plays or poetry tell us things about our own world. This subject will help you prepare for VCE Literature, which is one of the English subject options in Year 11 and 12.

Pathway

MATHEMATICS

The subject Mathematics is a compulsory subject for all students across Years 9 & 10.

In Year 9, all students will undertake Year 9 Core Mathematics or Year 9 Advanced Maths. This leads to a variety of different Year 10 or VCE Mathematics subjects available at Crusoe College.

Note

In Year 10, students select either Year 10 General Maths, Year 10 Advanced Maths or VCE Maths. These prepare students for different VCE pathways in Years 11 & 12 depending on subjects completed in Years 9 & 10.

Students wishing to complete Units 1 & 2 of VCE Maths in Year 10 must have completed Year 10 Advanced Maths in Year 9.

Students considering Maths Methods in Year 11 are strongly recommended to have completed Year 10 Advanced Maths prior to Year 11.

Students are advised to pick the highest level of Maths based on their point of need. Students may be able to change subjects if they find the subject too difficult.

From 2023, the subject formerly known as Further Maths Units 3 & 4 is now known as General Maths Units 3 & 4

| Mathematics | | | | | |
|--------------------------|---|-----------------------------|---|--|--|
| Year 9 | | Year 10 | | Year 11 | Year 12 |
| Year 9 Core Maths | → | Year 10 Maths General | → | Option A: VCE General Maths Units 1 & 2 | → VCE General Maths Units 3 & 4 |
| | | | | Option B: VCE Foundation Maths Units 1 & 2 | → VCE Foundation Maths Units 3 & 4 |
| Year 9 Core Maths | → | Year 10 Maths Foundation | → | VCE Foundation Maths Units 1 & 2 | → VCE Foundation Maths Units 3 & 4 |
| Year 9 Advanced Maths | → | Year 10 Advanced Maths | → | VCE General Maths Units 3 & 4 and/or VCE Maths Methods Units 1 & 2 | → VCE General Maths Units 3 & 4 (If not completed in Year 11) and/or VCE Maths Methods Units 3&4 |
| | | | | VCE Specialist Maths Units 1 & 2 and/or VCE Maths Methods Units 1 & 2 | → VCE Specialist Maths Units 3 & 4 and/or VCE Maths Methods Units 3&4 |

CORE UNITS

Year 9 Mathematics Core

This subject (or Advanced Maths) is compulsory for all Year 9 students.

In this subject, students consolidate and continue to build their understanding of the basics of the Mathematics curriculum (building upon mathematical competence developed in previous years). This course gives the opportunity to students to review and apply the basics of the Mathematics curriculum to practical and diverse contexts.

Year 9 Mathematics Advanced

Students must have their enrolment in this subject endorsed by their Year 8 Maths teacher.

In this subject, students build upon their Mathematics and Numeracy skills working at a higher level than peers in Core Maths. This class mixes skills work with applied problem solving in several different contexts whilst accelerating student progress in preparation for Advanced Maths Year 10.

Year 10 Mathematics Foundation

This subject (or General Maths) is compulsory for all Year 10 students.

This subject is available for select students based on past reports.

In this subject, students consolidate and continue to build their understanding of the basics of the Mathematics curriculum (building upon mathematical competence developed in previous years). This subject is for students who are working well below expected level to support numeracy development at the point of need.

Year 10 Mathematics General

This subject (or Foundation/Advanced Maths) is compulsory for all Year 10 students.

In this subject, students consolidate and continue to build their understanding of the basics of the Mathematics curriculum (building upon mathematical competence developed in previous years). This course gives the opportunity to students to review and apply the basics of the Mathematics curriculum to practical and diverse contexts.

Year 10 Mathematics Advanced

Students must have their enrolment in this subject endorsed by their Year 9 Maths teacher.

In this subject, students consolidate and build on their understanding of graphing, solving, and manipulating linear and simultaneous equations. They review prior knowledge of index laws and are introduced to the concept of surds as irrational numbers. Students build on their previous knowledge of Trigonometry. They explore boxplots and scatterplots as ways of representing data and investigate the effect of outliers on mean and standard deviation. Students solve problems involving the surface area and volume of various three-dimensional solids. They assign probabilities to outcomes and determine probabilities of events. Students solve and sketch quadratic equations. They extend their understanding of trigonometry to include the Unit circle and graphs of trigonometric functions. Students are assessed on a series of tests, assignments, and exams.

Pathway

HUMANITIES

The subject Humanities is a compulsory subject for all students across Years 9 & 10.

In Year 9, all students will undertake Year 9 Humanities. This leads to a variety of different Humanities modules across Year 10.

In Year 10, students will complete two semesters of Humanities modules. Students select modules in the areas of History, Geography, Legal Studies, Business Studies, and Sociology. These subjects provide a good basis leading into Humanities subjects in Years 11 & 12.

There are also a number of elective modules available in the Humanities domain for students passionate about extending their knowledge in these areas.

| Humanities | | | | | | |
|--|-----------------------|---|-----------------|---|---|---|
| Year 9 | | Year 10 | | Year 11 Units 1 & 2 | | Year 12 Units 3 & 4 |
| Humanities (Compulsory) | → | Legal Studies & Politics | → | VCE Units 1 & 2 Australian Politics | → | VCE Units 3 & 4 Global Politics or National Politics |
| | | | → | VCE Units 1 & 2 Legal Studies | → | VCE Units 3 & 4 Legal Studies |
| | → | History 1: Pre 1945 History 2: Post 1945 | → | VCE Units 1 & 2 Modern History or Ancient History or Classical Studies | → | VCE Units 3 & 4 History of Revolutions or Australian History or Ancient History or Classical Studies |
| | | | → | VCE Units 1 & 2 Business Management or VET Certificate II Business | → | VCE Units 3 & 4 Business Management or VET Certificate II Business Or VCE Units 3 & 4 Industry & Enterprise |
| | → | Business World | → | VCE Units 1 & 2 Accounting | → | VCE Units 3 & 4 Accounting |
| | | | → | VCE Units 1 & 2 Economics | → | VCE Units 3 & 4 Economics |
| | | | → | VCE Units 1 & 2 Philosophy | → | VCE Units 3 & 4 Philosophy |
| | → | Philosophy & Sociology | → | VCE Units 1 & 2 Sociology | → | VCE Units 3 & 4 Sociology |
| | | | → | VCE Unit 1 & 2 Geography | → | VCE Units 3 & 4 Geography |
| | Mythology Elective | → | Ancient History | → | VCE Units 1 & 2 20 th Century History or Ancient History or Classical Studies | → |
| Year 9/10 Australian History Year 9/10 Historical Investigations Year 9/10 Mythology | | | → | | → | |

CORE UNITS

Year 9 Humanities

This subject is compulsory for all Year 9 students.

In this subject, students will cover the general areas of Year 9 Humanities, History, Geography, Economics and Business and Civics and Citizenship. Students will cover the History learning of the Industrial Revolution to the end of World War 1(1750-1918), the Geography learning of Biomes, Food Security and Global Interconnections, the Economics and Business learning of Personal Finances and the Civics and Citizenship learning of Australian Government and Legal Systems.

Year 10 Ancient History

This subject cannot be repeated.

In this subject, students will look at ancient civilisations including Ancient Egypt, the physical environment, pyramids, and other figures. Students will also complete elements of practical assessments in archaeology. This subject can be seen as “history with some prac”. This subject will prepare students for VCE Ancient History units 1 & 2 in Year 11.

Year 10 Business World

This subject cannot be repeated.

In this subject, students study the main concepts of business management. Students examine the characteristics of small businesses focusing on both internal and external environments. Students will continue investigating the main concepts of economics and accounting.

Year 10 History 1 – Pre 1945

This subject cannot be repeated.

This subject is recommended to be completed prior to History 2 – Post 1945.

In this subject, students will cover the history timeline covering 1900-1946. This history will cover the fallout from World War 1 through to the end of World War 2. It will look at the topics of The Great Depression, The Causes of World War 2, and The Events of World War 2.

Year 10 History 2 – Post 1945

This subject cannot be repeated.

This subject is recommended to be completed after History 1 – Pre 1945

In this subject, students continue from History 1 and follow the history timeline covering 1946-Present. This history will cover Post World War 2 Australia. It will look at the topics and units of; Rights and Freedoms, The Vietnam and Cold Wars and Australian Popular Culture.

Year 10 Philosophy & Sociology

This subject cannot be repeated.

In this subject, students investigate the disciplines of Philosophy and Sociology. Students also examine the concept of youth and relationships, along with the influence and impact that the media has on them. Students will investigate the different social categories, gather information to develop their viewpoint and exchange opinions with others. Students will also look at past philosophers, philosophies and how they have shaped thinking.

Year 10 Geography

This subject cannot be repeated.

In this subject, students identify different types of environmental changes, investigate the causes and consequences of an environmental change, and analyse human responses to environmental management. Students investigate reasons and consequences for spatial variations in human wellbeing on a regional scale comparing India or one country in the Asia region and Australia. They look at initiatives to improve human wellbeing by undertaking an inquiry-based investigation into a wellbeing issue of their choice.

Year 10 Legal Studies

This subject cannot be repeated.

In this subject, students look at criminal law and its impact on Australian society. They will examine various case studies, the offence committed, and the punishment provided. Students look at Australian political parties, elections, and interest groups. The subject continues by exploring if the current justice system is effective and are the punishments a sufficient deterrent. Students will analyse the effectiveness of the current system and complete a reflection of the law in practice following an excursion to the law courts. Students will also look at various aspects of civil law and the process used by parliament to make new laws.

ELECTIVE OPTIONS

Year 9/10 Australian History

This subject cannot be repeated.

In this subject, students will study Australian history including the competing views of First Nations and coloniser interactions, First Nations peoples and culture, colonial settler society and cultural changes in post war Australia. Students explore various perspectives of these events and evaluate the accuracy of different accounts and sources.

Year 9/10 Historical Investigation

This subject cannot be repeated.

In this subject, students will focus on the skills of historical investigation including research skills, source analysis, presentation skills and referencing. Students will adopt two main historical topics in the semester, a biographical focus, and a research proposal of a historical topic of their choice. They will use an inquiry-based approach to develop research questions to inform their study.

Year 9/10 Mythology

This subject cannot be repeated.

In this subject, students will cover 3 aspects of Historical Mythology, Greco-Roman, Norse/Germanic, and Celtic/Modern. The units will cover the mythological stories of these civilisations, and how these mythologies have influenced each other and wider society. The Celtic/Modern unit will investigate the ways in which mythologies have influenced literature and famous books.

Pathway

SCIENCE

The subject Science is a compulsory subject for all students across Years 9 & 10. In Year 9, all students will undertake Year 9 Core Science. This leads into a variety of different Science modules across Year 10. At Year 9 and 10 level, students are also offered a range of modules in Science which aren't compulsory.

In Year 10, students will complete two semesters of Science modules. Students considering a science pathway in VCE are advised to select the subjects that follow this pathway in Year 10 for the best possible preparation.

| Science | | | | | | |
|--------------------------|--|---|---|---|--|---|
| Year 9 Semester 1 | Year 9 Semester 2 | | Year 10 | | Year 11 | Year 12 |
| Year 9 General Science 1 | Year 9 General Science 2 OR One of the red Year 10 Science choices (right) | → | Compulsory Students pick two of the subjects from the options below. Agriculture Science | → | VET Certificate II Animal Studies or VET Cert. II or III Agriculture | → VET Certificate II Animal Studies or VET Cert. II or III Agriculture |
| | | → | Astronomy | → | VCE Physics Units 1 & 2* | → VCE Physics Units 3 & 4 |
| | | → | Biology | → | VCE Biology Units 1 & 2 | → VCE Biology Units 3 & 4 |
| | | → | Chemistry | → | VCE Chemistry Units 1 & 2 | → VCE Chemistry Units 3 & 4 |
| | | → | Environmental Science | → | VCE Environmental Science Units 1 & 2 | → VCE Environmental Science Units 3 & 4 |
| | | → | Forensics | → | VCE Chemistry Units 1 & 2 | → VCE Chemistry Units 3 & 4 |
| | | → | Human Physiology | → | VCE Biology Units 1 & 2 | → VCE Biology Units 3 & 4 |
| | | → | Psychology | → | VCE Psychology Units 1 & 2 | → VCE Psychology Units 3 & 4 |
| | | → | Physics | → | VCE Physics Units 1 & 2 | → VCE Physics Units 3 & 4 |
| STEM Projects | | | → | All VCE Sciences Units 1 & 2* When combined with the appropriate "Pre VCE" subject | → | All VCE Sciences Units 3 & 4* Corresponding to your Year 11 choice. |

CORE UNITS

Many of these subjects may be taken as electives in addition to minimum science requirements. See the Griddle selection page or the subject list on page 5 for more information on this.

Year 9 Science General 1 & 2

This subject is compulsory for all Year 9 students.

In this subject, students explore the physical world around them including the effect of forces on motion and real-life examples of Newton's Laws. They explore the properties of magnets and how electricity and magnetism are related. Students study Genetics to learn how traits are inherited from one generation to the next. They explore some ethical issues related to the topic of genetics.

Year 10 Biology

Year 10 students must choose any two units of Science as compulsory units.

This subject is aimed at those wanting to continue with Biology at the VCE level.

In this subject, students consolidate their knowledge of genetics by undertaking research on current genetic technologies. They examine the ethics of these issues and write a persuasive essay. Students study the theory of evolution by natural selection and the diversity of living things. Students learn that ecosystems consist of communities of interdependent organisms and abiotic components and biotic components and how matter and energy flow through these systems.

Year 10 Chemistry

Year 10 students must choose any two units of Science as compulsory units.

This subject is aimed at those wanting to continue with Chemistry at the VCE level.

In this subject, students develop an understanding of safety in chemistry and the use of MSDS. They review the periodic table and the basic structure of atoms. They work on the development of practical skills in chemistry and investigate chemical bonding. Students will investigate chemical bonding and basic organic chemical structures and investigate and report on the chemistry behind plastics and fossil fuels.

Year 10 Environmental Science

Year 10 students must choose any two units of Year 10 Science as compulsory units.

This subject is aimed at those wanting to continue with Environmental Science at the VCE level.

In this subject, students explore the relationship between organisms and their environment. Students will explore the ecosystem, pollution, biodiversity, and the impacts of humans on the planet earth.

Year 10 Human Physiology

Year 10 students must choose any two units of Year 10 Science as compulsory units.

This subject is aimed at those wanting to continue with Environmental Science at the VCE level.

In this subject, students will begin to understand anatomical terminology as well as the hierarchy of cellular organisation. Students will study the different types of tissues and membranes that make up the human body and begin to look into the different body systems necessary to maintain homeostasis and survival and investigate some of the many consequences when these systems go wrong.

Year 10 Physics

Year 10 students must choose any two units of Year 10 Science as compulsory units.

This subject is aimed at those wanting to continue with Physics at the VCE level.

In this subject, students measure a range of quantities using appropriate equipment and use data to make valid conclusions. They understand the relationship between force, mass, and acceleration. Students investigate how energy is responsible for the changes observed in physical processes and applications such as electromagnetism, the polarisation of light and of electronic systems.

Year 10 Psychology

Year 10 students must choose any two units of Year 10 Science as compulsory units.

This subject is aimed at those wanting to continue with Psychology at the VCE level.

In this subject, students investigate the structure of the brain, including the cells that make it up. They then link these structures to the functions they carry out. Students explore the current understanding of how their memory works and why eyewitnesses are no longer considered reliable evidence. They also gain an understanding of how the perception of a stimulus is processed and can be altered due to mood and experiences.

Year 10 Science General 1 & 2

Year 10 students must choose any two units of Year 10 Science as compulsory units.

This subject is for identified students only.

In this subject, students investigate all areas of Science including Biology, Chemistry, Physics and Psychology. This subject is for students who may not be sure which area of science they are passionate about yet and will provide a snapshot of the entire curriculum.

Year 9/10 Agriculture Science

This subject is aimed at those wanting to continue with Agriculture, Environmental Science or Biology at the VCE level.

In this subject, students explore the science of producing food and fibre (agriculture) with Indigenous Peoples', Australian and global perspectives. Students will design and trial an agricultural enterprise, investigate technology on farms (including drones, GPS and AI), experiment with cropping techniques, identify potential career pathways, and develop awareness of future challenges for agriculture in Australia.

Year 9/10 Astronomy

This subject cannot be repeated.

In this subject, students will explore astronomical distances and compare objects in the night sky. They become familiar with the Big Bang theory and investigate the uses of space probes and satellites. Students investigate the forces needed to launch rockets and research the history of rocketry. They also become familiar with what is needed to live in space.

Year 9/10 Forensics

This subject cannot be repeated.

In this subject, students will investigate the role of trace evidence found at the crime scene. They will use practical techniques to remove, expose, analyse, and compare samples of different types of trace evidence. They will look at a number of case studies.

ELECTIVE OPTIONS

Year 9/10 STEM Projects

In this subject, students will look at projects from all areas of Science in a hands-on, engaging class. These projects may differ on class interests and will relate to all areas of STEM (Science, Technology, Engineering, and Maths). These projects will look into the future of science and give students an insight on where the world is heading.

Students wanting to complete a number of projects over a semester are encouraged to consider this subject.

Pathway

HEALTH AND PE

Health & Physical Education subjects are elective modules in Years 9 & 10.

In Years 9 & 10, students can select from a range of different Health & PE subjects. Students of Year 10 also have the option to select Units 1 & 2 VCE PE or Units 1 & 2 Health & Human Development. Find further information about VCE Physical Education and VCE Health & Human Development in the VCE section of this Subject Guide.

| Physical Education & Health and Human Development | | | | | | |
|---|---|---|---|---|---|---|
| Year 9 | | Year 10 | | Year 11 | | Year 12 |
| | | Volleyball Squad or PE: General or PE: Match Fit or Basketball Squad or Netball Squad | → | VCE PE Units 1 & 2 | → | VCE PE Units 3 & 4 |
| | | Year 9 Health | → | VCE Health & Human Development Units 1 & 2 | → | VCE Health & Human Development Units 3 & 4 |
| Year 9 | | Year 10 | | Year 11 | | Year 12 |
| | | Outdoor Education | → | VCE Outdoor & Environmental Studies Units 1 & 2 | → | VCE Outdoor & Environmental Studies Units 3 & 4 |
| Year 9 Health | → | VCE Health & Human Development Units 1 & 2 | → | VCE Health & Human Development Units 3 & 4 | | |
| Volleyball Squad or PE: General or PE: Match Fit or Basketball Squad or Netball Squad | → | VCE PE Units 1 & 2 | → | VCE PE Units 3 & 4 | | |

CORE UNITS

Year 9 Health

This subject is compulsory for all Year 9 students for one semester.

In this subject, students will be introduced to the three components of Health: social, emotional, and physical. Students explore each of the components and will include the topics of 'Drugs in Society' and 'About Alcohol'. Students will explore issues relating to sexuality and relationships, like contraception, sexually transmitted infections, and teenage pregnancy.

ELECTIVE OPTIONS

Year 9/10 PE: General

In this subject, students explore a number of minor games, with a focus on 'Court Sports'. Students adjust each game to better cater for the ability and skill level of all class members involved. Each game allows students to consider the rules, activity level, tactics and teamwork involved to succeed. Students explore 'Drugs in Sport' and 'Australian's Sporting History' as their theoretical topic.

Year 9/10 Match Fit

Additional fees may apply for non-compulsory excursions.

Students in ADP cannot choose Match Fit

In this subject, students will undertake a range of different training sessions focussing on strength, muscular endurance, and cardiovascular endurance. They will learn different exercise techniques and how to safely utilise various types of equipment and training implements. The theory components look at methods to improve performance and how to maximise the body's natural athletic abilities.

Year 9/10 Basketball Squad

Additional fees may be charged for participation in non-compulsory camps and excursions.

Eligible families may use CSEF to pay for this subject.

In this subject, students will extend their knowledge of basketball. To be selected for this class, you must currently play basketball in an official capacity and be committed to participating in practical sessions.

Practical classes will include basketball skill development, as well as the following theory topics:

- History of basketball
- Basketball strategy
- Coaching
- Refereeing
- Peer education

NOTE: Students may choose a maximum of one sport in addition to other subject selection restrictions.

Year 9/10 Netball Squad

Additional fees may be charged for participation in non-compulsory camps and excursions.

Eligible families may use CSEF to pay for this subject.

In this subject, students will extend their knowledge of netball. To be selected for this class, you must currently play netball in an official capacity and be committed to participating in practical sessions.

Practical classes will include netball skill development, as well as the following theory topics:

- History of netball
- Netball strategy
- Coaching
- Refereeing
- Peer education

NOTE: Students may choose a maximum of one sport in addition to other subject selection restrictions.

Year 9/10 Volleyball Squad

Additional fees may be charged for participation in non-compulsory camps and excursions.

Eligible families may use CSEF to pay for this subject.

In this subject, students will undertake both a practical and theory component centred around Volleyball. The practical sessions will involve students undertaking a variety of different training, peer coaching and umpiring sessions. The theory component is designed to develop students' knowledge, skills, self-management, and team attitudes.

NOTE: Students may choose a maximum of one sport in addition to other subject selection restrictions.

Year 10 Outdoor Education

In this subject, students participate in a range of different outdoor activities for enjoyment, adventure, health and well-being, fitness, and socialisation. Students are assessed on their active participation in a range of activities as well as their knowledge of nature and minimal impact on land use. Students also have the opportunity to attend an end-of-semester expedition.

Pathway

LANGUAGES

Languages subjects are elective modules in Years 9 & 10. To learn a foreign language at the VCE level, students must undertake two years of continual language learning in their selected language in Years 9 & 10.

Students wanting to pursue a VCE Pathway with Languages should continue with the Language they have learned in Years 7 & 8. Students wanting to start a new language must speak directly with the teacher of that language.

The language choices on offer are:

- Chinese
- French
- German
- Indonesian

Learning a foreign language opens a whole new world of exciting opportunities and possibilities. Extensive research shows the benefits of learning a second language.

According to the Department of Education & Training, “learning a language can make children better thinkers, better communicators and better global citizens”.

Learning a language:

- Helps students develop literacy skills by developing their critical language skills, understanding sentence structure and grammar, as well as providing a focus on spelling.
- Develops “global citizens” and teaches students about other cultures and other ways of living and thinking.
- Assists students in travelling and communicating with others.
- Develops overall school performance by encouraging creativity.

Students learn history and culture through their language students and how these connect with each other.

It should be noted that students who complete a language study in Year 12 receive significant bonus marks towards their ATAR score as all languages are scaled up.

| Languages Pathways | | | | | | |
|---|---|--|---|---|---|---|
| Year 9 | | Year 10 | | Year 11 | | Year 12 |
| Year 9 Languages - Chinese - German - Indonesian | → | Year 10 Languages - Chinese - French - German - Indonesian | → | Units 1 & 2 VCE Languages - Chinese - French - German - Indonesian | → | Units 3 & 4 VCE Languages - Chinese - French - German - Indonesian |

ELECTIVE OPTIONS

Year 9/10 Chinese

This subject can be repeated as different content is covered each year.

In this subject, students will continue to develop their knowledge of the Chinese language and culture from Years 7 & 8. Students will continue to learn about Chinese characters and practise writing them. They will also develop their reading, speaking, and listening skills. Students will learn more about Chinese culture, and participate in cultural activities, such as celebrating Chinese New Year. They will be provided with opportunities to connect with students learning Chinese at other schools in the area through participation in cultural excursions and incursions. Students will learn more about grammar structures in Chinese and will utilise these in their writing. They will also build their speaking fluency.

This subject is taught on a 2-year cycle, meaning it can be studied in both Year 9 and Year 10, and topics covered include part-time jobs, households, the environment, and health.

Year 9/10 German

This subject can be repeated as different content is covered each year.

In this subject, students will deepen their understanding of the German language and culture, building on the foundation from Years 7 & 8. Through interactive activities, they will enhance their reading, listening, speaking, and writing skills while exploring the rich traditions and customs of German-speaking countries. Students will delve into cultural practices, from festive celebrations like Christmas and Easter to discussing, researching, and trying German foods.

Students will be able to develop their knowledge of German both inside and outside of the classroom through visits to venues serving authentic German food and language-based incursions and excursions. They will also learn how to engage with German language content in a variety of online platforms, such as YouTube, DuoLingo, TikTok, and Instagram.

This subject is taught on a 2-year cycle, meaning it can be studied in both Year 9 and Year 10. Topics covered include part-time jobs, environmental issues, household dynamics, future career paths, music, and holidays.

Year 9/10 Indonesian

In this subject, students will develop their Indonesian language skills from year 8 and immerse themselves in the vibrant culture of Indonesia. Building on existing knowledge, students will practise their speaking, listening, reading, and writing abilities through interactive activities. They will explore topics such as Indonesian history, food, and festivals while expanding their vocabulary and exploring new grammar concepts.

Students will participate in hands-on experiences such as traditional games, sports, and cooking, which will help them to engage in Indonesian culture, history, and society. This course provides a gateway to exploring new perspectives and lays a strong foundation for future studies.

This subject is being offered as Year 9 only in 2025, but students will have the opportunity to continue learning Indonesian at the college in 2026. Selamat belajar! (happy learning!)

Year 10 French

In this subject, students will continue to build on their learning from Year 7 & 8 French by building on their knowledge of the French language and culture, as well as developing their reading, speaking, writing, and listening skills. Students will learn more about grammar structures in French and will utilise these in their writing. They will also build their speaking fluency.

NOTE: French is only available to Year 10 students in 2025.

Pathway

ARTS AND PERFORMING ARTS

Arts and Performing Arts subjects are elective modules in Years 9 & 10.

In Years 9 & 10, students can select from a range of different Arts and Performing Arts subjects based on their areas of passion.

| Visual Art & Performing Arts | | | | | | |
|--|---|--|---|---|--|---|
| Year 9 | | Year 10 | | Year 11 | | Year 12 |
| Year 9 Photography | → | Year 10 Photography | → | VCE Units 1 & 2 Art Making & Exhibiting Photography | → | VCE Units 3 & 4 Art Making & Exhibiting - Photography |
| Production And/or Drama | | | → | VCE Units 1 & 2 Drama | → | VCE Units 3 & 4 Drama |
| | | | → | VCE Units 1 & 2 Theatre Studies | → | VCE Units 3 & 4 Theatre Studies |
| Architecture & Interior Design | → | Year 10 Yearbook and/or Architecture & Interior Design | → | VCE Units 1 & 2 Visual Communication & Design Technical Unit | → | VCE Units 3 & 4 Visual Communication & Design |
| | | | → | VCE Units 1 & 2 Visual Communication & Design | → | |
| General Art | | | → | VCE Units 1 & 2 Art Creative Practise | → | VCE Units 3 & 4 Art Creative Practise |
| General Art And/or Year 9 Art Making & Exhibiting | → | General Art And/or Year 10 Art Making & Exhibiting | → | VCE Units 1 & 2 Art Making & Exhibiting - Ceramics & Sculpture - Painting & Drawing *Students pick one stream from the list above | → | VCE Units 3 & 4 Art Making & Exhibiting - Ceramics & Sculpture - Painting & Drawing *Students pick one stream from the list above |
| Year 9 Music | → | Year 10 Music | → | VCE Units 1 & 2 Music Performance | → | VCE Units 3 & 4 Music Performance |
| | | | → | VCE Units 1 & 2 Music Style & Composition | → | VCE Units 3 & 4 Music Style & Composition |
| | | | → | | VCE Units 3 & 4 Music Investigation | |
| | | | → | VET Music Industry (Performance) | → | VET Music Industry (Performance) |
| Year 9 Film & Animation | → | Year 10 Film & Animation | → | VCE Units 1 & 2 Media Studies | → | VCE Units 3 & 4 Media Studies |

ELECTIVE OPTIONS

Year 9/10 Architecture & Interior Design

This subject cannot be repeated.

In this subject, students will learn skills to develop architectural and interior designs according to a client's needs. Students will create 2D and 3D sketches, 2-point perspective mock-ups, and scaled floor plans to deliver their designs using manual and digital methods. Students will pull from a range of information when planning their designs; including environmental and accessibility considerations, modern and historical styles, and Aboriginal and Torres Strait Islander perspectives.

Year 9/10 Drama

In this subject, students develop their acting, character and storytelling skills through workshops and rehearsal. They learn about different performance styles and create extended performances. In Semester 1 the class collaborates to devise and perform an extended piece based on a particular performance style. In Semester 2 the class collaborates to rehearse and present an existing script, considering costume, lighting, set and sound alongside acting.

Year 9/10 General Art

In this subject, students will develop a range of artworks that emulate contemporary and historical art styles. They will develop a folio of work that demonstrates the design process. Their folio will consist of gathering inspiration, range of ideas, applying materials and techniques, final artworks and thoughtful reflection.

Year 9/10 Production

In this subject, students develop their performance skills through practice, audition, casting, and the initial rehearsal phase. This will culminate in a production that is performed for the public.

Year 9 Art Making & Exhibiting

In this subject, students will keep a visual diary of their ideas and use the design thinking process to support the stages of creating and constructing sculptural objects. They will learn how to use construction techniques and apply these to their artworks and use a variety of materials. They will also expand their use of media, including acrylic and water-paint, pastels, charcoal, and painting and drawing inks and printing process. They will understand how mood is created in artworks.

Year 9 Film & Animation

In this subject, students will learn about the production of film and animation. Through a series of projects, students will develop the skills needed to create their own films and animations from start to finish. Emphasis is placed on practical tasks, allowing students to learn by doing.

Year 9 Music

In this subject, students participate in a range of musical activities aimed at developing musicianship and understanding of musical concepts. Students explore musical genres, play in ensembles, and compose music in various styles.

Year 9 Photography

This subject cannot be repeated.

In this subject, students will be introduced to the fundamentals of digital photography and the editing tool Photoshop. Students will explore historical and contemporary photographers and their practice. Students will analyse their own and other photographer's works and will evaluate their cultural and social significance. Students will create photos that display the elements and principles of photography and learn to see the world as a photographer.

Year 10 Art Making & Exhibiting

In this subject, students will keep a visual diary of their ideas and use the design thinking process to support the stages of creating and constructing sculptural objects. They will learn how to use construction techniques and apply these to their artworks and use a variety of materials. They will also expand their use of media, including acrylic and water-paint, pastels, charcoal, and painting and drawing inks and printing process. They will understand how mood is created in artworks.

Year 10 Film & Animation

In this subject, students will build on the foundational skills acquired in the Year 9 course and delve deeper into the technical and creative aspects of filmmaking and animation. Students will learn specialised production techniques and further develop their skills in using industry-standard software including Adobe Animate and Adobe Premiere Pro.

Year 10 Music

In this subject, students participate in a range of musical activities aimed at developing musicianship and understanding of musical concepts. Students extend on their knowledge gained from Year 9 Music to study musical genres, play in ensembles, and compose music in various styles.

Year 10 Photography

This subject cannot be repeated.

In this subject, students will build on skills they may have acquired in Introduction to Photography involving digital photography and the editing tool Photoshop. Students will explore historical and contemporary photographers and their practice. Students will analyse their own and other photographer's works and will evaluate their cultural and social significance. Students will create photos that display the elements and principles of photography and learn to see the world as a photographer.

Year 10 School Magazine

In this subject, students learn the elements of graphic design and how to use professional Desktop Publishing tools. Design, write and create publications for the school community including the school yearbook.

Pathway

TECHNOLOGY

Technology subjects are elective modules in Years 9 & 10. Crusoe College prides itself on the selection of Technology subjects across all areas and the future pathways these open. Technology subjects are grouped into.

In Years 9 & 10, students can select from a range of different Technology subjects using different technologies and materials. These subjects have numerous pathways into VCE subjects, VET courses and vocational pathways post-school.

| Technology – Hospitality & Textiles | | | | | |
|---|---|---|---|---|--|
| Year 9 | | Year 10 | | Year 11 | Year 12 |
| Year 9 Food Technology or Year 9 Baking | → | Year 10 Baking or Year 10 Café Foods or Year 10 Food Trends | → | VCE Units 1 & 2 Food Studies or VET Certificate II Hospitality (Kitchen Operations – Back of House) | → VCE Units 3 & 4 Food Studies or VET Certificate II Hospitality (Kitchen Operations – Back of House) |
| Year 9 Textiles | → | Year 10 Textiles | → | VCE Units 1 & 2 Art Creative Practise (Fashion) | → VCE Units 3 & 4 Art Creative Practise (Fashion) |
| | | | → | VET Certificate II Applied Fashion Design and Technology | → VET Certificate II Applied Fashion Design and Technology |
| | | | → | VCE Units 1 & 2 Product Design & Technology - Textiles | → VCE Units 3 & 4 Product Design & Technology - Textiles |
| Technology – Design & Technology | | | | | |
| Year 9/10 Energy Breakthrough or Year 9/10 Project Building or Year 9/10 Skate Deck | → | | → | VCE Units 1 & 2 Product Design & Technology - Competition Vehicles - Wood - Metal | → VCE Units 3 & 4 Product Design & Technology - Competition Vehicles - Wood - Metal |
| Design & Robotics | | | → | VCE Units 1 & 2 Systems Engineering | → VCE Units 3 & 4 Systems Engineering |
| | | | → | VET Certificate II Integrated Studies | → VET Certificate II Integrated Studies |
| Year 9 Welding | → | VET Certificate II Engineering Studies | → | VET Certificate II Engineering Studies Or VCE Units 1 & 2 Product Design & Technology - Competition Vehicles - Metal | → VET Certificate II Engineering Studies Or VCE Units 3 & 4 Product Design & Technology - Competition Vehicles - Metal |
| | → | Year 10 Engineering | | | |
| Year 9/10 Automotive | | | | | |
| Year 9 Woodwork | → | VET Certificate II Building & Construction | → | VET Certificate II Furniture Making or VET Certificate II Building & Construction or VCE Units 1 & 2 Product Design & Technology Wood | → VET Certificate II Furniture Making or VET Certificate II Building & Construction or VCE Units 3 & 4 Product Design & Technology Wood |
| | → | Year 10 Furnishing | → | | |

ELECTIVE OPTIONS

Year 9/10 Automotive

This subject cannot be repeated.

In this subject, students develop a basic understanding of the mechanical systems used to operate an internal combustion engine. Students work on a small-single-cylinder stationary engine to disassemble and repair these engines. Assessment is a combination of theoretical and practical activities.

Year 9/10 Café Foods

This subject cannot be repeated.

In this subject, students plan and make weekly production tasks utilising seasonal and regional ingredients. Students work through the design cycle to design and produce food suitable to be served in a café setting. They will develop and research, safety, hygiene, and practical skills while working both individually and in small groups. This subject is for Year 10 students only.

Year 9/10 Design & Robotics

This subject cannot be repeated.

In this subject, students develop the skills to draw and create 3D objects using Computer Aided Design software (CAD). The designs you create can then be transformed into real objects using our 3D printers, add a string of LEDs that can be programmed or create a Desktop lamp or a Night Light.

Year 9/10 Energy Breakthrough

Additional fees may be charged for participation in non-compulsory camps and excursions.

Eligible families may use CSEF to pay for this subject.

In this subject, students ensure trikes are race-ready, completing repairs and adding decals. They use the design process to create trike components and apparel. During semester 2, students look at the health and safety of racers whilst competing.

Year 9/10 Project Building

This subject cannot be repeated.

In this subject, students build upon their skills of using the design process to meet the needs of a client by investigating and designing a product or a building project within the school. The activities and projects vary according to the needs of the school and experience and skill level.

Learning Activities include Creating a range of school-based projects. Students develop design concepts for the projects and work in teams. Students make prototypes and evaluate their ideas and concepts. This subject was previously called Building for School

Year 9/10 Skate Deck

This subject cannot be repeated.

In this subject, students build upon their skills of using the design process to meet the needs of a client by investigating and designing a product. The activities vary according to experience and skill level.

Learning Activities include Creating a deck. Students develop design concepts for the artwork on the board's base and develop creative design skills. Students make a prototype and evaluate their ideas and concepts. Spray paint is used to stencil the design onto the deck and students develop skills around safety and understanding of colour concepts.

Year 9 Baking

This subject cannot be repeated.

In this subject, students produce a variety of baked products, with a focus on cake, biscuit and bread making. Understand the functional properties of ingredients and their effects when used in baking. Work through the design cycle to design and produce food solutions. Develop research, safety and hygiene and practical skills while working both individually and in small groups. This subject is for Year 9 students only.

Year 9 Cooking Connections

This subject cannot be repeated.

In this subject, students will develop skills in food selection and preparation to create a variety of meals. They will use food models to assess nutritional value and apply the design cycle to develop food solutions. The course emphasizes research, safety, hygiene, and practical skills, with opportunities for both individual and group work.

Year 9 Textiles

In this subject, students build and expand their skills in working with textiles. They cut, sew, decorate, and embellish fabrics, using commercial patterns to create textile objects. Students apply design thinking and design process to imagine and create original garments and textile objects, considering ways they can meet design briefs for clients.

Year 9 Welding

This subject cannot be repeated.

In this subject, students work in metals technology with a focus on fabrication and welding metals. They use hand tools, Oxyacetylene and electric welders to create a product that meets a design criteria.
Learning Activities Workshop Induction & Safety; Machine Safety Licences; Develop welding skills; Tools and fabrication processes; Project development and Design elements. Students will learn to Work and think safely; Welding Skills (Bead, Pad and Fillet Welds). This subject is for Year 9 students only.

Year 9 Woodwork

In this subject, students build upon their skills of using the design process to meet the needs of a client by investigating and designing a product. The activities vary according to experience and skill level.

Learning Activities include Creating a timber model. Students develop design concepts for the model while working through the design process. Students make a prototype and evaluate their ideas and concepts. This subject is for Year 9 students only.

Year 10 Engineering

This subject cannot be repeated.

In this subject, students work in metals technology with a focus on fabrication and welding metals. They use hand tools, Oxyacetylene and electric welders to create a product that meets a design criteria. This builds on the skills acquired in Introduction to Welding, however, it is not essential to have previously completed this subject.

Learning Activities Workshop Induction & Safety; Machine Safety Licences; Develop welding skills; Tools and fabrication processes; Project development and Design elements. Students will learn to Work and think safely; Welding Skills (Bead, Pad and Fillet Welds).

Year 10 International Food Trends

This subject cannot be repeated.

In this subject, students will embark on a culinary journey exploring the diverse foods of the world and their innovative fusions. The program offers a hands-on opportunity for students to acquire practical cooking skills that they can apply both at home and in social settings. Through preparing a variety of intriguing and challenging recipes, students will enhance their ability to work independently and creatively. The subject emphasizes the design and development of unique food products, guiding students through the constraints and considerations involved in meal creation.

Year 10 Furnishing

In this subject, students build upon their skills of using the design process to meet the needs of a client by investigating and designing a product. The activities vary according to experience and skill level.

Learning Activities include Creating a timber model. Students develop design concepts for the model while working through the design process. Students make a prototype and evaluate their ideas and concepts. This subject is for Year 10 students only and aims to prepare you for a range of VCE Technology subjects.

Year 10 Textiles

In this subject, students build and expand their skills in working with textiles. They cut, sew, decorate, and embellish fabrics, using commercial patterns to create textile objects. Students will extend their knowledge of design principles and build on the skills from Year 9 Textiles to create products for clients.

Pathway

HEAD START

School Based-Apprenticeships & Traineeships (SBAT)

Head Start is a newly introduced State Government program that supports students in commencing a school-based apprenticeship or traineeship (SBAT) while they are also completing Secondary School.

Students can commence a Head Start apprenticeship or traineeship whilst they are undertaking Year 10 at Crusoe College and then progressing either into a VCE or VCAL program at Bendigo Senior Secondary College.

The amount of time spent in the workplace will increase each year of the student's Head Start apprenticeship or traineeship. Usually, in Year 10 students will spend 1 day per week undertaking work and training, with this time increasing up to 2 days in year 11 and 2- 3 days per week in Year 12.

Students can '**earn as you learn**' as school-based apprentices and trainees are paid industry award wages while working on the job at the workplace, gaining confidence and adapting to a work environment.

Head Start is designed to give students the confidence, capabilities, and skills that employers demand as most employers are now stating they are preferring young employees that have strong levels of Literacy and Numeracy, employability skills and have completed their schooling through to year 12.

Outcomes for Students

Students will leave school with dual qualifications either their VCE or VCAL certificate as having completed years 11 and 12 at BSSC, as well as progressed in their industry qualifications providing them with the employability skills for sustainable long-term employment opportunities.

Also, by having completed school they will have increased abilities and opportunities to be able to enter further courses for advancement in their chosen career or are able to enter another course of study if they eventually want to pursue a completely different career pathway in the future.



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