

2025 Year 10 Pathways

Subject Summary Booklet



For more detailed information please refer to the 2025 Senior Handbook available on the College Website.

<https://www.monbulkcol.vic.edu.au/teaching-learning/senior-pathways/>

YEAR 10: ENGLISH

CORE: ENGLISH

Students study a course designed to develop their skills and knowledge in the three key areas of reading, writing and speaking and listening. Year 10 English provides students with the opportunity to engage with a range of ideas and develop their critical and creative thinking skills.

Reading Activities:

Students will study a range of different text types and genres. As well as the study of themes, characters and issues in texts, students will become more familiar with the features and techniques used in different types of texts including film texts. Students will also develop their ability to understand and evaluate persuasive language by completing activities focusing on critical thinking and through the study of media texts.

Writing Activities:

Students will experiment with a range of writing styles including descriptive, reflective, imaginative, instructional, analytical and persuasive. Work related pieces will also form part of the Writing Folio. Students will continue crafting their writing and developing awareness of audience and purpose. They also will continue to develop their proof-reading and editing skills.

Speaking and Listening Activities:

Students will work individually and in groups to share their ideas different topics and issues. Emphasis will be on style and tone of delivery and oral work will demonstrate evidence of planning, research and organisation. Students will engage in class discussions and present speeches about a range of topics.

Subject length:

Year

Assessment:

- Written Tasks
- Assignments
- Exam
- Oral Presentation Tasks

ENGLISH LITERATURE

Students in literature study a range of genres such as poetry, drama, novel, film and short story, and they will analyse the social historical and cultural concepts of these texts. Students are required to read extensively, and they will be asked to critically analyse literary texts. There will also be opportunities for students to write creatively. Students are assessed in regard to reading, writing, speaking and listening skills and upon key assessment tasks.

Subject length:

Semester

Assessment:

- Written Tasks
- Assignments
- Exam

YEAR 10: THE ARTS

ART

Students will explore and develop a range of skills and techniques in different media. They will examine the way art is used to communicate ideas and meaning across different cultures and traditions. Students will study artists as inspiration to develop their own art works.

Subject length:

Semester

Assessment:

- Folio
- Practical
- Exam

CERAMICS

Ceramic techniques and skills will be extended. Decorative surface techniques will be researched and refined. Students will also learn sculptural techniques, including slab construction and coil techniques.

Subject length:

Semester

Assessment:

- Folio
- Practical
- Exam

DRAMA

Students will be involved in the study of historical periods of Drama from the modern era (1880 to present). They will continue to develop an analytical approach when responding to different dramatic forms. Students will explore themes and develop skills and ideas, which encourage them to make and present excerpts from plays, monologues, mimes and other forms of dramatic performance. Students will be expected to work individually, in pairs and in small and large groups in a performance environment.

Subject length:

Semester

Assessment:

- Folio
- Performance
- Exam

MUSIC COMPOSITION AND PRODUCTION

Year 10 Music Composition and Production immerses students in the art of music creation and technology. This course empowers students to explore creativity, develop compositional skills, and learn music production techniques.

Students delve into melody, harmony, rhythm, and structure, embracing both traditional and contemporary composition methods. Utilising acoustic instruments, digital audio workstations (DAWs) and software tools, they compose, arrange, and produce original music, experimenting with sampling, synthesis, and sound design.

Collaboration and feedback are integral, with students participating in workshops to refine their compositions. Through peer critique, they develop communication and problem-solving skills.

By course completion, students possess a diverse portfolio of compositions and proficiency in production techniques. They have honed creativity, critical thinking, and technological literacy, preparing them for further study in music composition, production, or related fields, and fostering a lasting passion for musical expression and innovation.

ASSESSMENT TASKS

- Composition folio
- End of semester exam

MUSIC PERFORMANCE

Year 10 Music Performance offers students a comprehensive exploration of solo and group instrumental skills. Students delve into various musical styles and traditions, cultivating a diverse repertoire and honing genre-specific techniques on their instruments. Central to the course is the development of instrumental or vocal proficiency alongside stagecraft skills, focusing on individual expression and interpretation.

Students refine technical skills through practice and performance, alongside deepening their understanding of music theory and analysis. Collaboration is emphasised through ensemble work, fostering teamwork and social learning through music. The course encourages critical engagement with music's cultural and historical contexts, enhancing and broadening students' appreciation and understanding.

By course completion, students possess refined musical skills, confidence, and creativity. They are equipped for further study in music or to simply enjoy lifelong musical participation.

ASSESSMENT TASKS

- Ensemble and/ or Solo Performances
- Music Theory and Aural skills quizzes
- End of semester exam

PHOTOMEDIA

This unit involves the exploration of a range of materials and techniques within Photography, strengthening the development of a personal style in the making of artworks. Students are encouraged to develop personal responses to themes explored. The relationship between art styles and culture is examined. Students are encouraged to develop a critical awareness of their own and other artists works and to consider issues of presentation.

Subject length:

Semester

Assessment:

- Folio
- Practical
- Exam

VISUAL COMMUNICATION DESIGN

This unit involves the development and application of creative and technical skills. Students will produce a creative folio that is based on a series of design briefs. Students will also complete a folio of conventional graphics involving the use of paraline and orthogonal drawing systems. A folio of computer-generated work will be produced using the programs Photoshop and Illustrator.

Subject length:

Semester

Assessment:

- Folio
- Practical
- Exam

YEAR 10: HEALTH AND PHYSICAL EDUCATION

HEALTH AND PHYSICAL EDUCATION

Students participate in a range of Health and Physical Education activities.

Health and Human Movement

This unit aims to further broaden student experiences in team and individual activities including a specialised unit on invasion games and net & wall sports.

Students will also explore topics including Body Systems (musculoskeletal), biomechanics and youth related health issues that provide background information related to the VCE HHD and PE study designs.

Subject length:

Semester

Active and Healthy Lifestyles

This unit aims to further broaden student experiences with; striking and fielding sports and invasion games, team based and individual activities. Improving personal fitness levels will be a major focus of the unit with students completing and designing a training program.

Students will also explore topics including Body Systems (cardiorespiratory) and initiatives to promote youth health and wellbeing. These topics will provide background information related to the VCE HHD and PE study designs.

Subject length:

Semester

Students may choose to study one or both of the Health and PE subjects

YEAR 10: LANGUAGES OTHER THAN ENGLISH

JAPANESE

Studying a language other than English contributes to the universal purposes of schooling and to the development of skills in thinking and reflection. Learners are provided with tools to understand the language, culture and humanity. In this way, language learning contributes to the development of inter-culturally aware citizens, of increasing importance at a time of rapid and deep globalisation.

Students compare and contrast aspects of life in the Japanese speaking communities with those in Australia and other countries and identify similarities and differences. Students interact to exchange information and opinions on topics related to the world of adolescence including daily routines, leisure, family and relationships, school and study, careers and issues of general interest to young people.

Students will consider the audience, purpose and appropriate language for a range of listening, speaking, reading and writing tasks. Students will be required to read short, modified texts related to a topic, silently and aloud with fluency. They apply knowledge of characters and punctuation in new contexts and extend their range of familiar characters. They employ strategies for broadening their repertoire of script, grammatical structures and vocabulary from reading materials. Students will also contribute to discussions about the general concept of culture and the relation of cultures to each other, including the effects of migration and travel.

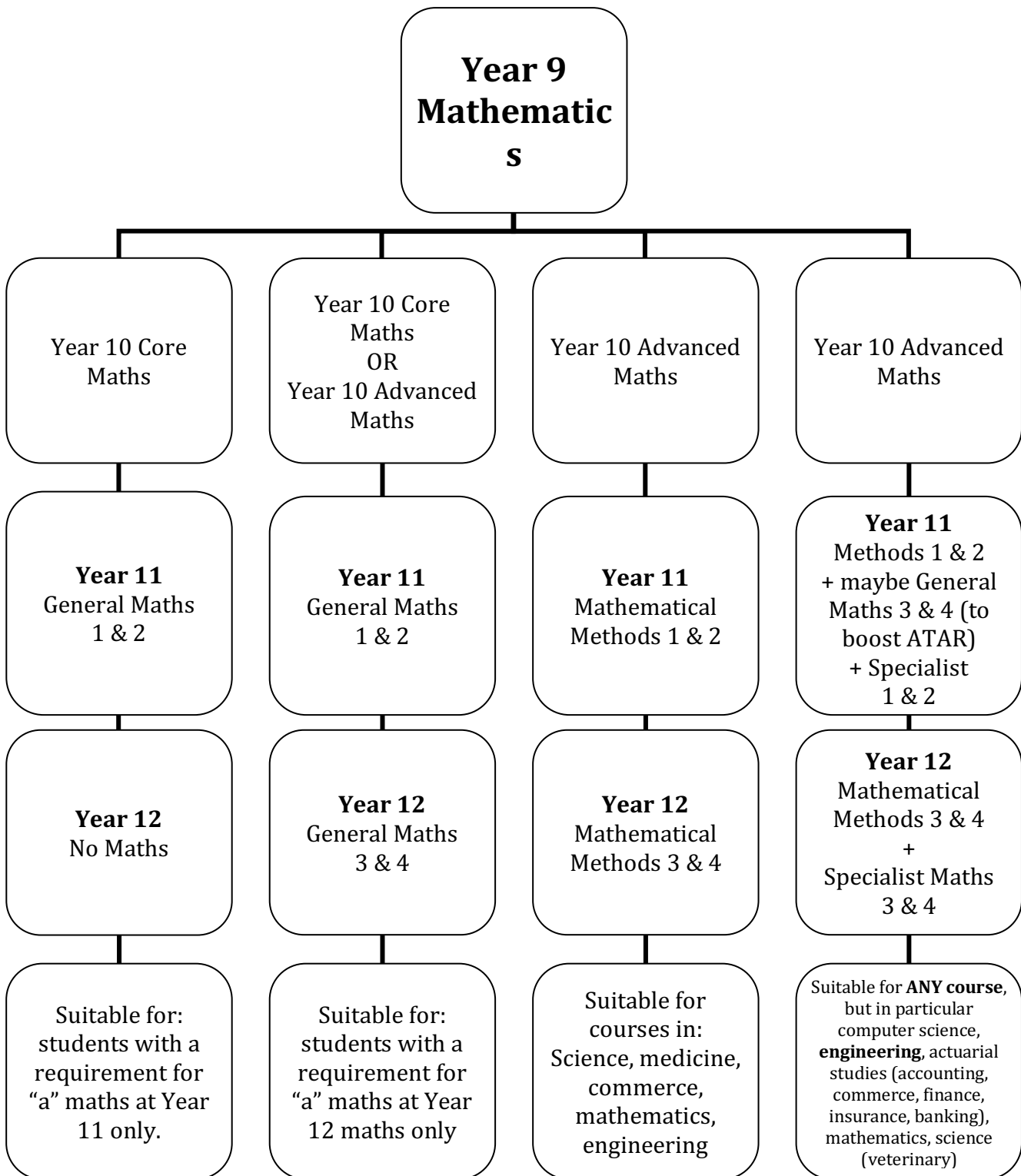
Subject length:

Full year

Assessment:

- Written Tasks
- Practical Tasks
- Exam

YEAR 10: MATHEMATICS



MATHEMATICS CORE

This unit is for students who have completed Year 9 mathematics and is designed to help prepare students for Year 11 General Mathematics and subsequently Year 12 General Mathematics. It will cover a range of topics including area and volume, expanding and factorising quadratics, linear relations, trigonometry, probability and statistics, functions and geometry. Topics will also include range of problem-solving questions done using mathematical modelling.

Subject length:

Full Year

Assessment:

- Topic Assignments
- Problem Solving Tasks
- Formative Assessments
- Chapter Tests
- Exam

10 ADVANCED MATHEMATICS

This unit is for students who have completed Year 9 mathematics and is designed to help prepare students for Year 11 General Mathematics or Maths Methods (CAS) and subsequently Year 12 General Mathematics and/or Maths Methods. In addition to the topics covered in Mathematics (above), additional content is covered in the studies of functions, algebra, calculus, statistics and trigonometry. Topics will also include range of problem-solving questions done using mathematical modelling.

Subject length:

Full Year

Assessment:

- Topic Assignments
- Problem Solving Tasks
- Formative Assessments
- Chapter Tests
- Exam

YEAR 10: HUMANITIES

HISTORY: CONFLICT AND CHANGE

History is a disciplined process of investigation into the past that develops students' curiosity and imagination. Awareness of history is an essential characteristic of any society, and historical knowledge is fundamental to understanding ourselves and others. It promotes the understanding of societies, events, movements and developments that have shaped humanity from earliest times. It helps students appreciate how the world and its people have changed, as well as the significant continuities that exist to the present day. History, as a discipline, has its own methods and procedures, based on evidence derived from remains of the past. It is interpretative by nature, promotes debate and encourages thinking about human values, including present and future challenges. The study of history also provides opportunities to develop transferable skills of critical and creative thinking, such as the ability to explore questions, imagine possibilities and construct arguments.

Units of study will focus on rising global conflicts, the impact and legacy of the Holocaust and the trends of globalisation, human rights, and individual freedoms following 1945. Australian history is taught within this world history approach. This equips students for the world in which they live and enhances students' appreciation of Australian history. Students appreciate Australia's distinctive path of social, economic and political development, and Australia's position in the Asia-Pacific region, and our global relationships. This knowledge and understanding are essential for informed and active participation in Australia's diverse society.

Subject length:

Semester

Assessment:

- Written Tasks
- Assignments
- Source Analysis
- Oral presentation tasks
- Exam

GEOGRAPHY

This unit focuses on the impact of human activities on the environment, investigating issues such as the impact of urbanisation, sustainable urban planning and movements of people and wellbeing due to conflict. Students will evaluate the factors contributing to the development of an issue relating to the use and management of an environment. Strategies to address and resolve the issue will also be identified. An inquiry-based approach is used to explore how combinations of physical and human factors interact to produce patterns at local, regional and global levels.

Subject length:

Semester

Assessment:

- Written Tasks
- Assignments
- Exam

MONEY, MARKETS AND THE LAW

This unit aims to provide students with a sound understanding of legal, economic and business concepts. Students will gain a knowledge and understanding of legal, political, business and economic institutions and enable them to actively participate in society. This unit will cover the following topics which include the law and you, personal finance, the smart consumer, economic issues, Australia in a global economy, work and career planning. Students will be engaged in a simulation with the Australian Stock Market game and there will be an excursion to the Magistrates Court. This unit would be a good general interest subject for students and would provide a good basis for the VCE units Legal Studies, Accounting, Business Management and Economics.

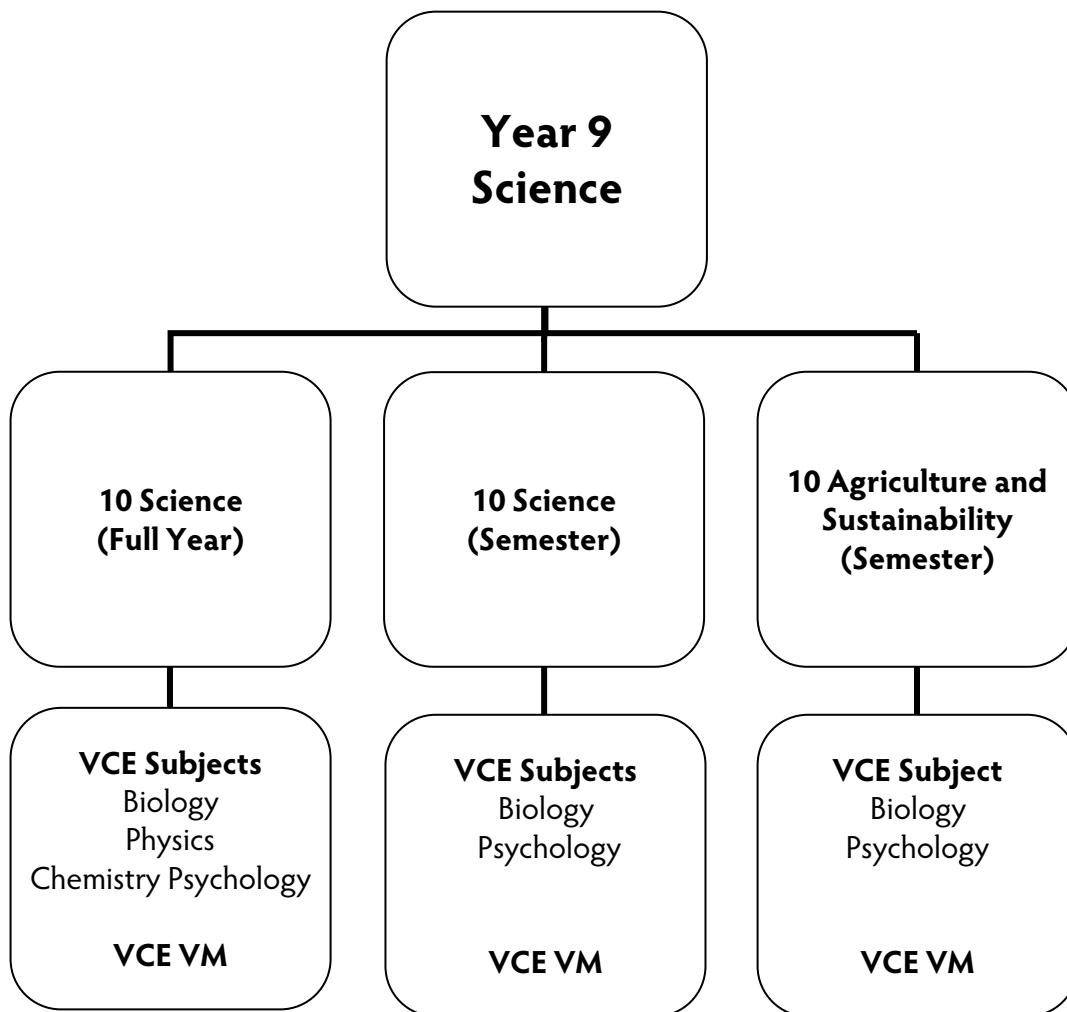
Subject length:

Semester

Assessment:

- Written Tasks
- Assignments
- Exam

YEAR 10: SCIENCE



SCIENCE – FULL YEAR

This unit will focus on developing student understanding of biological, chemical, physical, psychological and forensic science in preparation for VCE. Students look at the role of DNA and genes in cell division and genetic inheritance and how this is used in modern forensic science. They study the brain, behaviour and mental processes to work out why we do what we do. They learn to apply geological timescales to explain natural selection and evolution. Students investigate the chemical behaviour of elements, their compounds and their atomic structures using the periodic table. They learn to use atomic symbols and balance equations to summarise chemical reactions. Students learn to give both qualitative and quantitative explanations of the relationships between distance, speed, acceleration, mass and force to predict and explain motion. They investigate the Big Bang theory and features of the universe including galaxies, stars and solar systems.

Subject length:

Full year

Assessment:

- Tests
- Written Tasks
- Assignments
- Practical Investigations
- Exam

SCIENCE – SEMESTER

In this unit, students learn concepts from biological, chemical and physical science in preparation for VCE Biology and Psychology. Students look at the role DNA plays in cell division and genetic inheritance. Students investigate the chemical behaviour of elements, their compounds and their atomic structures using the periodic table. They learn to use atomic symbols and balance equations to summarise chemical reactions. Students learn to give both qualitative and quantitative explanations of the relationships between distance, speed, acceleration, mass and force to predict and explain motion.

Subject length:

Semester

Assessment:

- Tests
- Written Tasks
- Assignments
- Practical Investigations
- Exam

Agriculture and Sustainability

In this subject, students will focus on plant and animal growth and nutrition in the agricultural industry. They will study local agricultural and horticultural operations and the economic, social, environmental and historical factors that influence these operations. Students develop an understanding of how the biological and physical components of the environment and human resources influence the type of agribusinesses undertaken at particular locations. They consider the importance of using scientific methodology when investigating agricultural and horticultural systems. Students will investigate sustainable agricultural practices and what can be done to compensate for our exponentially growing population. They will look at issues and solutions in modern agricultural practices and how to repair and replenish our arable land.

Subject length:

Semester

Assessment:

- Tests
- Written Tasks
- Assignments
- Practical Investigations
- Exam

YEAR 10: TECHNOLOGY

FOOD TECHNOLOGY

In this unit students explore the factors influencing food choices and how these affect the planning and processes involved in producing food for consumption by others. Students will investigate safe food handling techniques, ethical considerations in food production and food sustainability with a focus on the design process. Specifically, students will study:

- *Food Safety* – Safe food handling. Food legislation and protection in Australia.
- *Food Sustainability* – This focuses upon the impact of food production on the environment including ethical considerations such as fair trade and animal welfare. Students investigate the use of packaging and the environmental impact of food waste and will implement the design process in order to develop a solution to the waste problem.
- *Cultural Influences on Food choices* – Students explore the history of Australian cuisine and how the effect of globalisation, industrialisation, immigration patterns and changing lifestyle factors has impacted upon our food choices. Students will prepare some traditional foods reflecting the traditional cuisine of Europe, America and Asia. Students will design practical activities, using a variety of production methods and equipment, incorporating foods from these traditional cuisines.
- *Nutrition and Health* - Investigates nutrients, food models and changing needs throughout the lifespan.
- *Food Science* – This looks at the function of ingredients in food production, the science involved in baking in order to choose appropriate ingredients for a recipe.

Subject length:

Semester

Assessment:

- Practical Tasks
- Written Tasks
- Exam

METAL TECHNOLOGY

This unit focuses on development of students' skills in managing and manipulating materials and resources using a range of tools, equipment and machines to make functional products. It requires the student to be autonomous problem-solvers, as individuals and as members of a team. Students combine an understanding of design, functionality, aesthetics and industrial practices with practical skills. They use tools, equipment, materials safely and creatively to make quality products.

Subject length:

Semester

Assessment:

- Practical
- Folio – Written Tasks
- Exam

SYSTEMS ENGINEERING

Focuses on using fundamental mechanical and electronic engineering principles to design and construction a medium sized robotic project. Students use 3D modelling, 3D printing, laser cutting, soldering and programming in the creation of their robot and document their progress in an online record. At the conclusion of the subject student robots compete in a series of challenges.

Subject length:

Semester

Assessment:

- Practical Task
- Online development record
- Exam

WOOD TECHNOLOGY

Students build on their skills and knowledge in this subject by designing and constructing a piece of furniture, from a range of options provided by the teacher.

They use and continue to hone their skills in the designing stage and the use of tools, both hand-tools and power tools.

In readiness for VCE they complete a design brief, outlining the context of the problem and the constraints and considerations. They complete rough sketches, technical drawings and a cutting list before they begin production. They also learn how to effectively evaluate their product to grade its success.

They are introduced to the Product Design Process as a method for producing their work. They learn how to apply Dowel Pin, Biscuit and Housing Joints to complete their product. They can use the Jig saw, the Circular saw and the router to help finish their product.

The second project is a self-directed one. Students research and submit a design brief and, if approved, are able to make a product of their own choosing. This product is entirely up to them, within reason, and a great opportunity to demonstrate their skills and knowledge of woodworking.

Subject length:

Semester

Assessment:

- Practical
- Folio – Written Tasks
- Exam

YEAR 10: VOCATIONAL PATHWAYS

BSB20120 Certificate II in Workplace Skills

The Certificate II level program prepares students for entry-level positions across a diverse range of business services settings and can help to open the door to a vast array of non-technical employment opportunities. It can also lead to further study in either technical or non-technical vocations and aims to develop the most common and transferable skills and knowledge required of almost any workplace. This certificate can be counted towards 2 units in the VCE and VCE VM and meets the VCE VM requirement of 180 hours of VET studies.

Students complete all the core and elective units below over one year in order to attain their Certificate II in Workplace Skills.

Core units

BSBPEF202 Plan and apply time management

BSBWHS211 Contribute to health and safety of self and others

BSBCMM211 Apply communication skills

BSBOPS201 Work effectively in business environments

BSBSUS211 Participate in sustainable work practices

Elective units

BSBPEF101 Plan and prepare for work readiness

BSBTEC101 Operate digital devices

BSBTEC203 Research using the internet

BSBTEC202 Use digital technologies to communicate in a work environment

BSBCRT201 Develop and apply thinking and problem-solving skills

CFA - Certificate II in Public Safety

Students will complete units from – PUA20712 Certificate II in Public Safety (Firefighting Operations)

They will learn about basic fire safety for homes and how to use some firefighting equipment such as fire extinguishers and fire hoses. Students are assessed on participation in practical activities, workbook completion and unit tests.

Participation in one year of this course will not provide students with enough units to gain the full qualification, however there is the opportunity to continue the program for a second year in order to complete the remaining units required for students to gain the full qualification.

Year 1 - Units of competence

PUAFIR215 Prevent Injury

PUAEQU001B Prepare, maintain and test response equipment

PAUFIR208B Participate in community safety activities

PUAOHS001C Follow defined occupational health and safety policies and procedures

PUACOM001B Communicate in the workplace

PUATEA001B Work in a team