



Echuca  
College

2025

Year 10  
Course Selection  
Handbook



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# YEAR 10 OVERVIEW

Year 10 is the beginning stages of senior years of schooling where students begin to prepare for life after Secondary School. We aim to develop confident and informed young adults who are socially responsible and prepared for further learning and the workplace.

The Year 10 learning program is developed to prepare students for further studies into VCE or VCE Vocational Major. *When choosing electives, students should remember to choose a balanced course taking into account their planned VCE or VCE Vocational Major programs in Year 11 and 12.*

## Year 10 Learning Program:

Student programs will be made up of the following compulsory and elective subjects;

### *Compulsory subjects:*

- 2 units of *English*
- 2 units of *Mathematics*
- 1 unit of *Community & Me*

### *Elective Units:*

- A *Science* Elective
- A *Humanities* Elective
- A *Physical Education* Elective
- Other elective subjects will fill the remainder of the program
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## Program structure:

The diagram below shows the options for Year 10 students;

SENIOR YEARS COURSES					
	Year 10		Year 11		Year 12
Option 1	Year 10 Victorian Curriculum	Accelerated VCE Unit 1 & 2 Subject	VCE Unit 1 & 2 Subject	Accelerated VCE Unit 1 & 2 Subject	VCE Unit 3 & 4 Subjects
Option 2	Year 10 Victorian Curriculum	Accelerated VET Certificate II or above	VCE Unit 1 & 2 Subjects	Accelerated VET Certificate II or above	VCE Unit 3 & 4 Subjects
Option 3	Year 10 Victorian Curriculum		VCE Unit 1 & 2 Subjects	VET Certificate II or above	VCE Unit 3 & 4 Subjects VET Certificate II or above
Option 4	Year 10 Victorian Curriculum		VCE Unit 1 & 2 Subjects		VCE Unit 3 & 4 Subjects
			VCE VOCATIONAL MAJOR (VM) Literacy or VCE English, Numeracy or VCE Mathematics Personal Development, Work related skills, Industry specific skills (VET Certificate II or above)		

### **VCE Acceleration:**

Year 10 students can take the opportunity to undertake an accelerated VCE pathway. Undertaking a VCE subject in Year 10 provides students with the opportunity to experience the requirements of VCE.

*Please note that when choosing to accelerate a VCE subject, it will take up 2 units.*

### **Making a decision:**

It is important to ensure you are making informed decisions when selecting your course. There are many different sources of information and people who know you well who can help. Some useful resources:

1. **Your parents:** know you well and will be honest with you. Have discussions with your parents about your thoughts.
2. **Your LSG teacher:** can provide you with advice about possible subjects to choose.
3. **Lorelle Pearse:** book an appointment with our Careers & Pathways Co-ordinator to discuss your career options.
4. **Subject handbook:** Make sure you look at this document to ensure you are making informed choices.
5. **Your classroom teachers:** ask questions about the subjects you are thinking of studying.

### **Decisions to be made:**

- Which *English* will I study?
- Which *Mathematics* will I study?
- Which *Science* will I study?
- Which *Humanities* will I study?
- What *electives* am I interested in studying?
- Do I want to accelerate a *Unit 1 & 2 VCE* subject?
- Do I want to complete a *VET* subject?

# APPRENTICESHIPS – SCHOOL BASED & HEADSTART

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## **ASBA (AUSTRALIAN SCHOOL BASED APPRENTICESHIP)**

Some students know what they would like to do in the way of a career after leaving school. A student can apply for an Australian School Based Apprenticeship program as part of their subject selection in Years 10, 11 & 12.

A School Based Apprenticeship or Traineeship offers students the opportunity to combine part-time employment, school and training. The program is undertaken under a training contract with an employer, has a training plan signed by the school and RTO which is formally registered with Skills Victoria and leads to a nationally recognised qualification at Certificate II, III or IV level.

## **HEAD START School-based apprenticeships**

Head Start is a new model of apprenticeships and traineeships that was first implemented in Victorian state schools in 2019. Head Start aims to allow students to spend increased amounts of time in the workplace whilst still gaining their Year 12 completion through either a VCE or VCAL program.

Depending on the requirements of the employer it is suggested that Head Start students undertake:

- 1 day per week paid employment in Year 10
- 2 days per week paid employment in Year 11
- Up to 3 days per week paid employment in Year 12

All students who are signed up to a Head Start pathway will be enrolled in a Certificate III level qualification. There are currently 32 qualifications available through the program.

As well as helping students to develop a diverse range of skills and experience that employers value, Head Start also provides:

- Strong supports for both students and employers throughout the apprenticeship or traineeship
- Quality assured training through TAFEs and Skills First contracted providers
- A tailored pathway for students into careers in priority industries
- An opportunity for employers to train and mentor students who are ready for work and have literacy, numeracy and employability skills
- Payment of a fair training wage
- VCE or VCAL completion
- Significant progress towards, or completion of, a trade qualification.
- The opportunity for students to move into a full-time apprenticeship with their employer upon their completion of year 1

# VET SUBJECT OFFERINGS IN 2024

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## VCE Scored VET Subjects (receive a study score to contribute to ATAR)

Cookery Certificate II Course Code: SIT20421 Units: 1, 2, 3 and 4	Information Technology Certificate III Course Code: ICT30120 Units: 1, 2, 3 and 4
Community Services Certificate II (Yr 1) Course Code: CHC22015 Units: 1 and 2	Music (Performance) Certificate III Course Code: CUA30920 Units: 1, 2, 3 and 4
Cert III Community Services (Yr 2) partial completion Course Code: CHC22015 Units: 3 and 4	Sport and Recreation Certificate III Course Code: SIS30115 Units: 1, 2, 3 and 4
Engineering Certificate II Course Code: 22470VIC Units: 1, 2, 3 and 4	

## VET Subjects (receive 10% to contribute to your ATAR)

Automotive Vocational Preparation Certificate II Course Code: AUR20720 Units: 1, 2, 3 and 4	Retail Cosmetics Certificate II Course Code: SHB20121 Units: 1 and 2
Building and Construction Pre- apprenticeship Certificate II Course Code: 22338VIC Units: 1, 2, 3 and 4	Salon Assistance Certificate II Course Code: SHB20216 Units 1 and 2
Early Childhood Education and Care Certificate III Course Code: CHC30121 Units: 1, 2, 3 and 4	Visual Arts Certificate III Course Code: CUA31120 Units: 1, 2, 3 and 4

## What is VET?

Vocational Education and Training (VET) refers to enhanced senior school studies, which enables Year 10-12 students to combine their VCE or VM studies with vocational training.

Combining VET with your chosen senior pathway increases your future opportunities.

## Features of VET

- It is an accredited vocational education and training program (most programs run over two years).
- Can contribute to the students ATAR or provide credit points.
- It allows students to go directly into employment or receive credit towards further study.
- It focuses on students developing industry specific and workplace skills.
- It is a vocationally oriented school program designed to meet the needs of

## VET qualifications and skills

- Upon successful completion of the program, students may be awarded with a nationally recognised VET certificate, or contribution toward this certificate.
- VET qualifications may articulate directly into further higher education and training at TAFE through documented pathway agreements.
- VET provides access to a range of different technologies related to the type and place of work.

## VET increases students' pathways and broadens options

- Develops students' capacities to make decisions and solve problems.
- Helps students to gain confidence and improve communication and interpersonal skills through learning in an adult setting.
- Fosters positive feedback by enabling students to demonstrate specific skills and competencies.
- Matches students' interests and career directions through the provision of strong pathways.

## VET prepares students for the workforce

- Provides the opportunity to trial a career and helps students explore possible areas of interest which promote further study and work choices.
- Allows students to develop strong links with industry and local community employers.
- Improves employment prospects.
- Helps students gain knowledge of employers' expectations and real working conditions.
- Assists in transition from school to

# English Pathways

## Which English is right for me in Year 11?

<b>VM Literacy</b> - Listening, Speaking, viewing, writing and reading	<b>English</b> - Critical reading, writing and speaking	<b>English Language</b> - The study of English and its development	<b>Literature</b> - Reading and responding to a broad range of texts
<p>VM Literacy aims to develop students' abilities to read, write, speak and listen in everyday and familiar contexts. Students develop an understanding of the different ways in which knowledge and opinion are represented and developed in texts drawn from daily life. This Literacy study is based upon applied learning principles, making strong connections between students' lives and their learning. By engaging with a wide range of text types and content drawn from a range of local and global cultures, forms and genres, including First Nations peoples' knowledge and voices, students learn how information can be shown through print, visual, oral, digital and multimodal representations. Along with the literacy practices necessary for reading and</p>	<p>VCE English prepares students to think and act critically and creatively. Students work to collaborate and communicate widely and to connect with others in our society. Students develop insight into various ideas through engagement with texts drawn from multiple times, cultures, forms, and genres, including Aboriginal and Torres Strait Islander knowledge and voices. They extend their skills in responding to the texts they read and view, and their abilities in creating original texts, further expanding their language to reflect accurately the purpose, audience, and context of their responses. By developing broad skills in communication and reflection, the study of English enables students to participate in their diverse, dynamic and multicultural world productively and positively.</p>	<p>VCE English Language enables students to consider their understanding and application of English using a set of metalinguistic tools informed by the discipline of linguistics. Students explore language choices, the values and assumptions constructed when considering the language use of others, and the power of language to control, shape and disrupt our lives. Students engage with how language is structured, the history of English and the theories of language acquisition, variations of language created by social and cultural difference, the nexus between language and power, and how language can be used to construct and deconstruct identity. Students consider their language use and the language use immediately surrounding them, as well as examples of language use locally, nationally and internationally. They explore how language use is adapted in</p>	<p>VCE Literature fosters students' enjoyment and appreciation of stories, poetry and storytelling. Students read and explore a broad range of established and emerging literary work. As readers and writers, students extend their creativity and high-order thinking to express and develop their critical and creative voices. Throughout this study, students deepen their awareness of the historical, social and cultural influences that shape texts and their understanding of themselves as readers. Students explore literature by considering literary forms and features, engaging with language, and refining their insight into authorial choices. Students immerse themselves in fiction and non-fiction texts, discovering and experimenting with a variety of interpretations to develop their responses</p>

interpreting texts, students develop their capacity to respond to texts. Listening, viewing, reading, speaking and writing are developed systematically and concurrently. As students engage with texts in class, they develop their understanding of how texts are designed to meet the demands of different audiences, purposes and contexts. They will apply this understanding in their writing, learning to adapt language to respond to more familiar or specific audiences, purposes and contexts.

consideration of formality, situational and cultural contexts, purpose and function.

Students read widely to further develop their analytical skills and to build their understanding of linguistics. Students are expected to read and study a range of historical and contemporary text.

Students analyse and assess language use and develop their abilities in effective communication. Through the exploration of language use, students gain insight into the experiences of others, develop empathy and compassion, and are better able to engage in active citizenship.

# Mathematics Pathways

## Units 3 & 4 Mathematics Subjects:

	Foundation Mathematics	General Mathematics	Mathematical Methods	Specialist Mathematics
<b>What is it?</b>	This is a practical subject about understanding the mathematics that occurs around you and being able to use critical skills in everyday life.	This is a practical subject that uses mainly computer-based technology in the form of a CAS calculator to demonstrate and analyse data and financial relationships.	This is a more theoretical subject that uses scientific techniques to investigate applications of mathematics. Homework <u>requirement:</u> 1-2 hours per week.	Specialist Mathematics requires abstract application of mathematics to solve contextual problems. Homework <u>requirement:</u> 2-3 hours per week.
<b>Prerequisites</b>	Year 11 Foundation or General is recommended	Year 11 General or Methods is recommended	Year 11 Mathematical Methods Year 11 Specialist or year 10 LEAP is recommended	Year Mathematical Methods <b>and</b> Specialist Mathematics
<b>Materials needed</b>	Foundation maths requires a scientific calculator, a textbook and 2 exercise books. The end of year exam allows one bound reference and one scientific calculator.		General, Methods and Specialist VCE mathematics subjects require a CAS calculator, a textbook and 2 exercise books with a minimum of 128 pages. Methods and Specialist are assessed both with and without technology and a bound reference. General Mathematics always allows a CAS and a bound reference during assessment.	
<b>Content</b>	Space and Measurement, Data Analysis, Number and algebra, linear relationships	Data Analysis, <b>Recursion and financial maths</b> Matrices, Networks	Calculus, Graphs and Functions, Probability and Statistics, Number and Algebra	All methods elements as well as Complex numbers, Vector Calculus and Kinematics
<b>Where can you go with this subject?</b> <i>Note: these are recommendations please check course requirements carefully.</i>	Any university course that accepts "any maths".	Any university course that accepts "any maths" or specifies General.	There are some courses that <b>require</b> Methods or Specialist. University courses such as engineering, and some science <b>highly recommend</b> them.	

# Year 10 Subjects

# Year 10 English

## Assessment

- Reflective writing
- Argument Analysis
- Analytical response to text
- Creative response to texts
- Comparative text response

## Resources/camps/excursions

You are expected to purchase the novels being studied, as listed on the booklist

## Pathways

- Literature
- English Language
- VCAL Literacy

## Complimentary Subjects

The skills and ideas learned in English are applicable to all subjects studied.

In Year 10 students will study more specific ways language varies according to its audience and purpose. They will construct a range of written and spoken texts with this purpose in mind. They will also be asked to respond analytically to a range of more challenging texts.

Students will continue to consolidate and extend what they have learned from previous years. They also extend their understanding of how language works and learn to transfer this knowledge to different contexts.

To achieve this, students develop an understanding of the requirements of different types of texts; they are introduced to increasingly sophisticated analyses of various kinds of literary, popular culture, and everyday texts, and are given opportunities to engage with the technical aspects of texts.

### **Reading and Viewing**

Reading and viewing involves understanding, interpreting, reflecting upon, and enjoying written and visual print and non-print texts. Reading involves active engagement with texts and the development of knowledge about the relationship between them and the contexts in which they are created.

### **Writing**

Writing refers to the active process of conceiving, planning, composing, editing and publishing fiction and non-fiction texts. Writing involves using appropriate language for particular purposes or occasions to represent and reflect on ideas, issues, arguments, events, experience, character, emotion and information.

### **Speaking and Listening**

Speaking and listening refers to the various formal and informal ways oral language is used to convey and receive meaning. It involves the development and demonstration of knowledge about the appropriate oral language for particular audiences and occasions, including body language and voice.

It is expected that through the above activities, students will develop the skills to meet the demands of the workplace, VCAL, and those required to complete their VCE level studies.

# Year 10 Community & Me

Community & Me is a compulsory semester long subject for all Year 10 students. Students will participate in learning to enhance understanding of current youth health issues, such as mental health, sexual health, respectful relationships, party safe and how to stay safe online.

Students will:

- Discuss statistics related to mental health
- Explore avenues of support for mental health concerns
- Explore resilience
- Discuss the culture of sexualisation
- Investigate sexual imagery and its use in advertising
- Learn the skills to develop respectful relationships
- Learn to make informed and safe decisions surrounding alcohol, drugs and partying.
- Learn how to promote strategies aiming to improve public health within a community

In addition to this, students will explore life skills to enable them to move into life beyond school equipped with the tools to be successful.

Students will develop their own personal skills and discover ways to contribute positively to the communities they belong to.

Students will:

- Learn basic First Aid skills
- Learn how to set SMART goals
- Explore barriers to achieving goals and how to overcome these
- Explore how to use and act on feedback receive
- Explore what causes stress at school and in the workplace and how to manage stress
- How to recognise individual differences at school and in the workplace and learn how to work effectively with individual differences
- Explore why it is important to value diversity

Students will have the option to complete the following at the end of the end of their basic First Aid unit:

1. HLTAID003 – Provide First Aid

## Assessment

- Research Tasks
- Development of posters
- Contribution to class activities and discussions
- Creating campaigns that promote public health

## Resources/camps/excursions

## Pathways

- VET Community Services
- VET Sport & Recreation
- Year 11 Health & Human Development

## Complimentary Subjects

- English
- Maths
- Science based subjects
- Humanities based subjects

# Year 10 General Mathematics

This Mathematics unit is appropriate for most students in Year 10. It is expected that the majority of students studying this unit will progress to VCE General Maths in Year 11 and then Further Maths in Year 12. Extension work will be provided for students who can complete it satisfactorily.

This course covers the core mathematical knowledge and content, including general numeracy skills needed in everyday life. Students will learn how to apply mathematical ideas to different situations. A range of information and communication technologies will be used throughout the year for both learning tasks and assessment.

## *Semester 1 Topics:*

- Measurement
- Consumer Maths (financial)
- Statistics
- Trigonometry and Pythagoras Theorem

## *Semester 2 Topics:*

- Algebra
- Straight Line Graphs
- Equations
- Statistics

It is strongly recommended that students complete the highest level of mathematics at which they are capable to maximise their opportunities in the future. Please don't hesitate to contact your Maths teacher if you need further guidance with possible pathways.

## Assessment

- Common Assessment Tasks
- Topic tests
- Assignments
- Workbook
- End of Semester Examinations

## Resources/camps/excursions

- Year 10 Maths textbook
- Scientific Calculator

## Pathways

- VCE General Maths Unit 1&2
- VCE Further Maths Unit 3&4
- VCE Foundation Maths
- TAFE course
- Employment

## Complimentary Subjects

- Economics- Business and enterprise
- Information Technology
- Year 10 Biology
- Year 10 Psychology
- Year 10 Agriculture
- VET subjects (various)

# Year 10 Math Methods

This subject is designed for students with a real passion for mathematics. This subject aims to develop a much deeper and applied understanding of the concepts than Year 10 General Mathematics and is a pre-requisite for students wanting to complete VCE Mathematical Methods or VCE Specialist Mathematics. Students who take this pathway are prepared for all levels of Mathematics in further VCE Mathematical studies.

## Semester 1:

- Topic 1: Real Number System
- Topic 2: Indices
- Topic 3: Linear Equations / Linear Graphs
- Topic 4: Simultaneous Equations / Inequations

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## Semester 2:

- Topic 5: Trigonometry / Advanced Trigonometry
- Topic 6: Quadratics
- Topic 7: Probability
- Topic 8: Geometry
- Topic 9: Financial Maths
- Topic 10: Data Analysis

It is strongly recommended that students complete the highest level of mathematics at which they are capable to maximise their opportunities in the future. Please don't hesitate to contact your Maths teacher if you need further guidance with possible pathways.

## Assessment

- Common assessment tasks
- Essential assessment digital program
- Semester Exams

## Resources/camps/excursions

- Year 10 maths textbook
- Workbook
- Calculator (CAS TI-n-spire recommended)

## Pathways

- Unit 1 & 2 General Maths
- Unit 1 & 2 Maths Methods
- Unit 1 & 2 Specialist maths

## Complimentary Subjects

- Year 10 Physics
- Year 10 Chemistry
- Economics- Business and enterprise
- Information Technology
- Year 10 Biology
- Year 10 Psychology
- Year 10 Agriculture
- VET subjects (various)

# Year 10 Agriculture & Horticulture

The Year 10 Agriculture & Horticulture course is a semester subject that is a gateway to studying Year 11 & 12 Agriculture & Horticulture. Topics taught include:

## *Area of Study 1: Introduction to Agriculture and Horticulture*

- Agriculture and its purpose
- Sheep, beef, poultry, pigs and horticulture
- New technology

## *Area of Study 2: Plants*

- Plant structure including work in the vegetable garden
- Weeds and how this impacts on Agricultural & Horticultural industries
- Soil and complete practical work relating to soil and pasture management

## *Area of Study 3: Animals*

- Innovative technology and research into the latest developments in Agriculture & Horticulture industry management
- Conduct 'calf rearing' and or 'chicken incubation'
- Plagues
- Occupation Health & Safety

### Assessment

- Practical Reports
- Practical Tasks in the vegetable garden
- Agricultural/Horticultural Industry report
- Weed booklet
- Calf rearing booklet
- Innovative technology research report
- Exam

### Resources/camps/excursions

- Excursions to local industries
- Expo Excursions (if applicable)
- Laptop
- Notebooks and stationary

### Pathways

- VCE Ag/Hort Units 1 – 4
- Ag/Hort courses at Tafe
- Degree of Ag/Hort University (Melb Uni Dookie has extensive degrees)
- Employment with Dept Primary Industries

### Complimentary Subjects

- Biology
- Chemistry
- All technology subjects
- Mathematics
- Business Management

# Year 10 Biology

This subject is designed for students with a passion for biology or science. This subject will also be a great gateway to Year 11 and Year 12 Biology as some of the topics covered here will serve as an introduction to these subjects.

## *Area of Study 1: Microscopy*

In this area of study, students will:

- Learn how to use simple dissection microscopes to look at large objects.
- Learn how to use compound microscopes to view small objects like cells.
- Learn how to prepare slides for microscope viewing.
- Learn about electron microscope.

## *Area of Study 2: Cells and Organelles*

In this area of study, students will:

- Learn about the structure and function of plant and animal cells.
- Learn about the structure and functions of the organelles within these cells.

## *Area of Study 3: DNA and Genetics*

In this area of study, students will:

- Learn about the structure of DNA and the components that make it up.
- Learn how DNA is responsible for how organisms are made using genes and making proteins.
- Learn what happens when DNA “goes wrong” and they will research various genetic problems and conditions.

## *Area of Study 4: Hominid Evolution and Natural Selection*

In this area of study, students will:

- Learn how we use fossils and other prehistoric tools to identify the change in a species over time.
- Learn how organisms will change over time due to environmental factors.
- Learn the relationships between the different humanoid species.
- Learn about the migrations of humanoids from Africa to the rest of the world.

## Assessment

- Tests
- Posters
- Research Tasks
- Models
- Semester Exam

## Resources/camps/excursions

- Kyabram Zoo excursion

## Pathways

- Bachelor Science
- Bachelor Biology
- Bachelor Biochemistry
- Bachelor Biosciences
- Diploma Lab Technician
- Diploma Allied Health
- Diploma Nursing
- Park Ranger

## Complimentary Subjects

- Chemistry
- Physical Education
- Health and Human Development
- Food Technology

# Year 10 Chemistry

## Assessment

- Quizzes
- Structured Questions
- Experiments
- Student designed experiment
- Experiment reports
- CATs

## Resources/camps/excursions

- Exercise book

## Pathways

- Unit 1 & 2 Chemistry
- Unit 3 & 4 Chemistry
- Bachelor of Science
- Bachelor of Biomedicine
- Bachelor of Engineering
- Bachelor of Pharmacy
- Bachelor of Forensic Science
- Certificate in Animal Health
- Certificate in Chemical Use on Farms
- Bachelor in Ag Science

## Complimentary Subjects

- Biology
- Physics
- Maths Methods
- Psychology

### *Area of Study 1: Atomic Structure*

In this area of study, students will:

- Learn to use the Periodic Table to determine the structure of an atom of the various elements.
- Learn, through participation in practical activities, how different types of substances behave differently
- Explore factors that enable atoms to be identified by symbol, atomic number and name
- Explore names and formula of elements and compounds

### *Area of Study 2: Types of chemical reactions*

In this area of study, students will:

- Learn about what makes a process a chemical reaction rather than a physical change
- Participate in practical activities to learn how there are many types of chemical reactions.
- Explore how a balanced chemical reaction can be used to describe a process
- Explore how the rate of reaction can be effected by temperature, concentration and surface area.

### *Area of Study 3: Independent investigation*

In this area of study, students will:

- Choose a chemical reaction they want to Investigate
- Develop an experimental design that is safe, valid, accurate, reliable and precise
- Perform the experiment
- Write up the experiment and share the information with peers

### *Area of Study 4: Organic chemistry*

In this area of study, students will:

- Learn about the importance of organic chemistry in the world
- Investigate the various families of hydrocarbons
- Identify an organic molecule by structure
- Investigate reactions of organic compounds

# Year 10 Physics

## Assessment

- Common Assessment Tasks
- Practical investigations
- Research

## Resources/camps/excursions

- All resources are provided

## Pathways

- Unit 1 & 2 Physics
- Unit 3 & 4 Physics
- Bachelor of Science
- Bachelor of Engineering
- Aviation
- Electrician
- Certificates in Engineering and Physical Science

## Complimentary Subjects

- Chemistry
- Year 10 Mathematical Methods

This Year 10 Physics course is a one semester long unit of study involving the selection of three from four topics:

### *Area of Study 1: Motion*

In this area of study, students will learn:

- The concepts of scalars and vectors
- Distance and displacement
- Speed and velocity
- Acceleration (including acceleration due to gravity)
- The graphing of [straight line] motion against time
- The equations of motion for constant acceleration in a straight line

### *Area of Study 2: Work and Energy*

In this area of study, students will learn:

- The relation between work and energy
- Kinetic energy [the energy possessed by an object due to its motion]
- Potential energy [stored energy] including:
  - Gravitational energy
  - Elastic energy
  - Mass energy
- Conservation of energy and conversion between forms of energy

### *Area of Study 3: The Universe*

In this area of study, students will learn:

- The units used to measure distance in space
- How the position of objects in space are specified
- The formation of stars and planetary systems
- The colour, magnitude and life-cycle of stars
- The origin and evolution of the Universe
- The topic will also involve some astronomical observations

### *Area of Study 4: Electricity*

In this area of study, students will learn:

- Static electricity
- Electric current and voltage
- The energy transformed by an electric circuit
- The power dissipated in an electric circuit
- Resistance
- Resistors in series and parallel
- Basic circuit analysis

# Year 10 Psychology

## Assessment

- Multiple choice and short answer tests
- Scientific poster

## Resources/camps/excursions

- Exercise book

## Pathways

- Unit 1 & 2 Psychology
- Unit 3 & 4 Psychology

## Complimentary Subjects

- Psychology
- Biology
- Health and Human Development

### *Area of Study 1: Introduction to Psychology and the Brain*

In this area of study, students will learn:

- What is psychology?
- Psychology as a science.
- Structures of the brain.
- Types of brain defects and injuries.
- Neurodegenerative diseases.

### *Area of Study 2: Forensic Psychology*

In this area of study, students will learn:

- What is forensic psychology?
- Stalkers and stalking
- Criminal profiling
- The forensic psychologist in the courtroom
- Dangerousness
- The psychology of eyewitness memory

### *Area of Study 3: Memory and Research Methods*

In this area of study, students will learn:

- Multi-store model of Memory
- Ways to improve memory.
- Reasons we forget.
- Types of investigations.
- Aims and Hypotheses.
- Sampling procedures and research designs.
- Ethics.
- Report writing.

# Year 10 Economics

This subject is designed for students with a passion for economics or commerce. This subject will also be a great gateway to Year 11 and Year 12 Economics as some of the topics covered here will serve as an introduction to these subjects.

This unit will explore the contribution of Australian entrepreneurs to the Economy. Students will study what is involved in managing a business, focussing on ownership structures, marketing and financial management. They will analyse the Australian economy, exploring concepts such as the market mechanism, economic issues and the role of government. The Global Economy will also be explored through the study of International trade, foreign exchange and globalisation.

## *Area of Study 1: The Australian Economy*

In this area of study, students will learn about:

- Economic Performance; Macro and microeconomics
- Living Standards; Market mechanisms
- Economics issues
- The role of the government in the economy
- Workforce

## *Area of Study 2: The Global Economy*

In this area of study, students will learn about:

- International trade
- Foreign exchange
- Fair trade
- Distribution of income

## *Area of Study 3: Business and ownership structures*

In this area of study, students will learn about:

- The ways businesses organise themselves to improve productivity
- Ways that businesses respond to improved economic conditions

## *Area of Study 4: Marketing and Financial Management*

In this area of study, students will learn about:

- Factors that influence major consumer and financial decisions
- price, availability and cost of finance,
- marketing of products,
- consumers, convenience, ethical and environmental considerations)
- short-term and long-term consequences of these decisions

## *Area of Study 5: Entrepreneurship*

In this area of study, students will learn about:

- What makes an entrepreneur?
- Identifying enterprising behaviours

## Assessment

- Tests
- Research Tasks
- Financial modelling
- Budgetary analysis

## Resources/camps/excursions

- Students are required to bring a device for use in class

## Pathways

- Agronomist
- Economist
- BA. Commerce
- BA. Finance
- Diploma in Business

## Complimentary Subjects

- Year 10 Law

# Year 10 Geography

## Assessment

- Field Work
- Investigation
- Report
- Research questions

## Resources/camps/excursions

- Students are required to bring a device for use in class.

## Pathways

- VCE Geography
- VCE Outdoor Education
- VCE Science

## Complimentary Subjects

- History
- Science
- Mathematics
- Outdoor Education

In this unit students explore their interconnectedness with the environment, place and space, as well as with the broader concept of their own place with the rest of the world. Throughout the semester students will focus on Global Wellbeing (the unequal world, spatial variations in place and population, how we map human wellbeing), Environmental Change and Management (climate change, environmental change, ecosystems, wildlife survival, invasive species).

In this unit, students will:

- Use geographical thinking, skills and technological tools to examine some environmental challenges that will affect their future lives, and to find out how geography contributes to the understanding and management of these challenges.
- Study the nature of wellbeing around the world and how it can be measured.

Topics covered include:

- Environmental Change and Management
  - Understanding changes to land, atmosphere, water
  - Soil degradation, erosion, ecosystems
  - Challenges to sustainability
- Global wellbeing and wellbeing in Australia
  - The effects of war and conflict on wellbeing
- Geographies of Human Wellbeing
  - The unequal world
  - Global poverty
  - Indigenous wellbeing
  - The roles of government and non-government aid agencies

# Year 10 History

## Assessment

- Source analysis
- Research Tasks
- Essay
- Test
- Semester Exam

## Resources/camps/excursions

- Fieldwork at the Echuca War Memorial
- Texts supplied by teacher
- A workbook
- Students are required to bring a device for use in class (laptop or iPad)

## Pathways

- Bachelor Arts
- Journalism
- Archaeology
- Museum Curator

## Complimentary Subjects

- English
- Literature
- Law

Year 10 History sets out to explore Australia and its relationship with the world during the second half of the 20<sup>th</sup> Century. This subject will help students understand the world we live in and the impact of important events throughout from WWII to the end of the century.

### *Area of Study 1: WWII*

In this area of study, students will:

- Learn the long, short and trigger cause of WWII
- Examine how Australia responded to WWII
- Explore important moments in WWII
- Learn about the Holocaust in Germany and the treatment of POWs
- Learn about the 'Battle for Australia' and the Kokoda Track.
- Explore the ending of the war and the beginning of the Atomic Age.

### *Area of Study 2: Establishment of the U.N. and the Cold War*

In this area of study, students will:

- Learn about the establishment of the United Nations and the Declaration of Human Rights
- Learn about the structure and functions of the different U.N. bodies.
- Explore the relationship of the USSR and the USA during the post war years

### *Area of Study 3: Civil Rights Movements*

In this area of study, students will:

- Learn about the growth of the Civil Rights movement in the USA.
- Explore the role of important players in the struggle for civil right including: Martin Luther King Jnr, Malcolm X and Rosa Parks.
- Analyse how the Civil Rights movement influenced Civil rights movements in Australia.
- Analyse Aboriginal push for land rights and recognition through this period.

# Year 10 Politics & Humanism

In Year 10 Politics students will develop an understanding of the Australian political landscape, philosophy, social diversity and identity in contemporary society. Students will also study the diverse nature of Australian secular society. Students will gain the knowledge and skills necessary to question, understand and contribute to the world in which they live.

Both major topic areas will run across two terms.

*Topics that will be covered in Politics:*

- The Westminster System
- The Australian Political System
- History of the Liberal Party / Labour Party / Nationals
- The role of the Australian government (federal)
- The Prime Ministers and what they did
  - The mystery of Harold Holt
  - John Howard and gun control
- Key political events
  - Port Arthur and the changes to Australia after this event
  - The Dismissal
  - Referendums – the Republican debate

*Topics that will be covered in Humanism:*

- General philosophical thinking / ethical thinking / hypotheticals
- The sociology / phenomenology of religion, faith and belief
- Buddhism
- Hinduism / Sikhism
- Islam
- Christianity
- Judaism
- Scientology / Paganism / Atheism

## Assessment

- Research reports
- Quizzes
- Essays
- Projects
- Source analysis

## Resources/camps/excursions

- A device is required in this class
- A workbook and a plastic pocket folder for handouts

## Pathways

- Bachelor of Arts
- Community work
- Government role
- Cultural focus areas

## Complimentary Subjects

*Be Respectful*

*Be Inclusive*

*Be Resilient*

# Year 10 Law & You

Students explore the different types of law, identifying the difference between criminal and civil law.

During the semester long unit, students will study the following:

- What are Laws?
- Why we have laws?
- History of the law in Australia and other countries
- The Australian Political System including elections and political parties.
- Laws made through the Parliament.
- Laws made through the Courts.
- Criminal Law:
  - The arrest process
  - Court Personnel
  - Court Hierarchy
  - Sanctions
  - The Police and their role
- Civil Law:
  - Torts
  - Negligence
  - Defamation
  - Nuisance
  - Trespass
- Contract law

## Assessment

- Case Studies
- Case Analysis
- Structured questions
- Report –Court Visit
- Case folio

## Resources/camps/excursions

- Excursion to Magistrates Court
- Students are required to bring a device for use in class (laptop or iPad)

## Pathways

- Legal Studies 1, 2 ,3, 4
- Bachelor of Laws
- Para legal professions
- Police Officer
- PA - legal office

## Complimentary Subjects

- English
- Business Management

# Year 10 Digital Photography

## Assessment

- Individual Projects
- Written Reports
- Animated Film
- Folio of work.

## Resources/camps/excursions

- USB
- A4 display book.

## Pathways

- VCE Studio Art
- VCE Visual Communication and Design
- VCE Media Studies
- Graphic Designer
- Animator
- Photographer

## Complimentary Subjects

- Art
- Visual Communication and Design
- Media Studies

### *Area of Study 1: Poster Design*

In this area of study, students will:

- Experiment with the layout of text and image.
- Learn about different fonts when communicating.
- Use a variety of editing programs to create a poster.
- Apply elements and principles
- Evaluate final poster.

### *Area of Study 2: Packaging Design*

In this area of study, students will:

- Research and analyse existing packaging designs.
- Explore packaging nets.
- Experiment with photography and typography
- Create 3D packaging
- Evaluate 3D packaging.

### *Area of Study 3: Animation*

In this area of study, students will:

- Learn and research current animation styles.
- Learn about storyboards and plan film.
- Use cameras to film story
- Learn editing programs and use to edit story.
- Present final intimated story.

### *Area of Study 4: Individual Project*

In this area of study, students will:

- Brainstorm individual ideas.
- Research artists who use similar ideas.
- Create personal responses to inspiration.
- Experiment with techniques and programs relevant to their project.
- Present a final artwork
- Evaluate your final artwork.

# Year 10 Drama

## Assessment

- Practical participation
- CAT Mime presentation
- CAT Mini Production character development
- CAT Mini production script rehearsal
- CAT Final Performance Mini Production

## Resources/camps/excursions

- A4 exercise book
- Writing equipment

## Pathways

- Units 1 & 2 Drama

## Complimentary Subjects

- English
- literature
- Humanities
- Art Technology

### *Area of Study 1: Explore and Express Ideas*

In this area of study, students will:

- Develop ideas for narrative structure in drama script form.

### *Area of Study 2: Drama Practices*

In this area of study, students will:

- Using expressive voice and body movement, communicate ideas and actions.
- Rehearse and refine.

### *Area of Study 3: Present and Perform*

In this area of study, students will:

- Perform a scripted drama to an audience.

### *Area of Study 4: Respond and Interpret*

In this area of study, students will:

- Evaluate performance, expressing what was enjoyed and why.
- Analyse and observe a range of drama plays, contemporary and past times.

### *Achievement standard:*

- By the end of Level 10, students develop different roles and characters
- Engage an audience
- Perform scripted drama
- Plan, rehearse, produce and refine performance
- Analyse drama elements by viewing and performing

# Year 10 Media Studies

## *Area of Study 1: Photography for print-based products*

In this area of study, students will:

- Analyse and create photographs used in print-based products used to promote and market products and events
- Develop skills using the photo manipulation application Photoshop
- Develop skills associated with the operation of a digital camera

## *Area of Study 2: Electronic music*

In this area of study, students will:

- Explore the music composition tool Logic Pro to compose and engineer audio products

## *Area of Study 3: Video Production*

In this area of study, students will:

- Analyse the construction of video products
- Create video products using video editing tools such as Final Cut Pro

### Assessment

- Written response
- Photographs
- Promotional poster/brochures/CD/DVD covers.
- Soundtracks/backing tracks
- Short video productions
- Digital folio

### Resources/camps/excursions

- USB storage
- Workbook
- A4 plastic sleeve folio

### Pathways

- Units 1-2 Media studies
- Units 1-2 Visual communication
- Units 1-2 Studio arts
- Units 1-2 Drama

### Complimentary Subjects

- Visual communication
- Music
- Visual Art
- Drama

# Year 10 Visual Art

## Assessment

- Folio of development of ideas for artworks
- Finished artworks
- Written reports
- Art analysis

## Resources/camps/excursions

- A3 sketch book
- Art gallery excursion

## Pathways

- Bachelor in Visual Arts
- Bachelor in Fine Art
- Diploma of Visual Art
- Diploma of Photography
- Tattooist

## Complimentary Subjects

- Visual Communication
- Media Studies

### *Area of Study 1: Art Elements and Principles*

In this area of study, students will:

- Learn the art elements and principles
- Learn how to apply the art elements and principles.
- Investigate how the use of elements and principles can change the aesthetics of an artwork
- Analyse artworks by identifying the elements and principles and discussing their application

### *Area of Study 2: Mixed Media Artwork*

In this area of study, students will:

- Explore different media and techniques
- Investigate various artists who have used multimedia to create an artwork
- Trial, develop and refine ideas
- Create a mixed media artwork

### *Area of Study 3: Art Analysis*

In this area of study, students will:

- Learn how to identify the components of an artwork
- Learn how to discuss the use of elements and principles in an artwork
- Develop an understanding of how the artwork was constructed
- Understand how messages and themes are depicted in an artwork
- Form an opinion about an artwork

### *Area of Study 4: Free Choice Artwork*

In this area of study, students will:

- Learn how to initiate original ideas
- Investigate how other artists have responded to similar ideas
- Explore a range of ideas, media and techniques
- Produce a finished artwork
- Reflect on completed artwork

# Year 10 Visual Communication

## *Area of Study 1: Freehand Drawing and Rendering*

In this area of study, students will:

- Learn how to draw from observation
- Learn different rendering techniques
- Explore different media
- Create a folio of rendered drawings

## *Area of Study 2: Design Elements and Principles*

In this area of study, students will:

- Learn about the design elements and principles
- Learn to apply the design elements and principles
- Explore the effects that can be created through the application of the design elements and principles
- Identify and discuss the use of design elements and principles in examples of visual communication

## *Area of Study 3: Technical Drawing*

In this area of study, students will:

- Learn about various technical drawing methods
- Learn how to use a drawing board and set squares
- Learn the conventions of technical drawing
- Design a cabin/unit
- Complete a folio of technical drawings

## *Area of Study 4: The Design Process*

In this area of study, students will:

- Learn about the design process
- Create a visual communication that explains how the design process works
- Apply the design process and create a visual communication
- Evaluate final presentation

### Assessment

- Folio of artworks
- Written reports

### Resources/camps/excursions

- A3 Sketchbook
- Set squares
- Gallery excursion

### Pathways

- Unit 1 & 2 Visual Communication

### Complimentary Subjects

- Studio Arts
- Media Studies
- Product Design & Technology
- VET Building Studies

# Year 10 Health & Human Development

In Health & Human Development (HHD), students will gain exposure to concepts and themes within the VCE Units 1-4 Health & Human Development course.

Using the key terminology across VCE HHD, students will explore health and human development from a global perspective.

Through an in-depth exploration of the dimensions of health and well-being, determinants of health and well-being, stages of development, and health indicators, students will develop a comprehensive understanding of these crucial elements.

By uncovering the intricate interconnections between these concepts, students will gain insights into the complex nature of human health. In addition, students will analyse the far-reaching impact of various factors on global health, including water access, war, education, gender equality, and burden of disease in developing nations.

The course also examines the effects of displacement on health and development, comparing and contrasting the experiences of refugees and asylum seekers. Furthermore, students will critically assess the consequences of gambling on individuals, families, and the wider community.

This subject will utilise a variety of technologies to explore the concepts being discussed. Students will engage in various discussion-based activities such as classroom debates, ethical paradox questions, and frequent group work to understand and challenge one another's perspectives to gain a deeper understanding of what health and well-being means to them.

Students will complete a range of case studies and research tasks, to foster their skills in research and evidence-based work production. These activities will also shed light on historical moments that had a lasting impact on human health and development and contributed to shaping the world as it is today.

## Assessment

- CATS
  - Test
  - Activity Folio
  - Research Task
  - Storyboarding
  - Exam

## Resources/camps/excursions

- Nil

## Pathways

- Nursing
- Counselling
- Psychology
- Humanitarian work
- Teaching
- Early childhood worker

## Complimentary Subjects

- VCE Health & Human Development
- VCE Physical Education
- VET Community Services
- VET Sport & Recreation
- VCE Psychology

# Year 10 Outdoor & Environmental Studies

This subject offers an enriching experience in understanding and appreciating the natural world while equipping students with valuable life skills. OES provides a holistic and comprehensive pathway from Year 9 Outdoor Ed to Year 11 OES, offering a mix of classroom learning and outdoor experiences that foster personal growth and environmental awareness.

## *Area of Study 1: Outdoor Living and Travel Skills (OLATS)*

OLATS focuses on equipping students with practical skills for outdoor living and travel. This area covers a range of exciting topics, including mapping and navigation, outdoor cooking, bike riding, and water safety.

## *Area of Study 2: Environmental Management*

Environmental Management delves into the critical aspect of preserving and conserving our natural resources. Students will learn about waste management, water management, and land management strategies. By understanding the impact of human activities on the environment, students will develop a sense of responsibility and learn how to contribute to sustainable practices.

## **Class Structure and Requirements:**

This is a semester-length subject that blends classroom learning and outdoor activities. To support research and work presentation, students will need access to a device. Practical investigations, which may involve outdoor activities, will be a vital part of the learning process.

## **Year 11 and Beyond:**

Upon completing Year 10 OES, students can continue their journey in VCE Outdoor and Environmental Studies, building upon the foundational knowledge and skills acquired in Year 10. This subject presents an excellent opportunity for those passionate about environmental conservation, outdoor exploration, and making a positive impact on the world around them.

## Assessment

### CATS

- Mapping and Navigation
- Water management
- Waste Management

## Resources/camps/excursions

- Students will have the opportunity to participate in outdoor activities.

## Pathways

- Environmental Sciences
- Conservation
- Adventure and Eco-Tourism
- Outdoor Education and Leadership
- Environmental Education
- Sustainable Development Policy

## Complimentary Subjects

- Unit 1-4 Outdoor & Environmental Studies
- Unit 1-4 Physical Education
- VET Community Services
- VET Sport & Recreation

# Year 10 Recreational Sport

This class will give students a range of opportunities to participate in recreational sports and sports for life that may be undertaken in the community. Students will be exposed to minor and major games as well as the basics of how to conduct an activity for peers or primary aged students. Theory topics will explore requirements, barriers and benefits of physical activity for healthy lifestyles.

## *Area of Study 1: Physical activity for health*

In this area of study, students will:

- Explore factors leading to inactivity
- Learn what physical activity is
- Explore the benefits of physical activity
- Investigate the National Physical Activity and Sedentary Behaviour Guidelines

## *Area of Study 2: Nutrition*

In this area of study, students will:

- Explore the nutritional requirements for healthy living
- Investigate Australia's Guide to Healthy Eating
- Investigate the nutritional requirements for athletes and non-athletes
- Investigate nutritional considerations before, during and after exercise

## *Area of Study 3: Sports identity and influence*

In this area of study, students will:

- Explore Australia's sports identity
- Investigate lifestyle, recreation, and leisure activities
- Explore influences and barriers to physical activity

## *Area of Study 4: Design a recreational activity*

In this area of study, students will:

- Design, facilitate, and reflect on a created/modified recreational activity to be run for the class.

*Practical topics that may be covered:*

- Archery
- Golf
- Lawn bowls
- Croquet
- Tennis
- Hockey
- Netball
- Bike riding
- Basketball

## Assessment

- Structured tests
- Case studies
- Practical participation
- Student teach experiences

## Resources/camps/excursions

- Workbook
- Sports Uniform

## Pathways

- Unit 1 & 2 Physical Education
- Bachelor in Physical Education
- Bachelor in Human Movement
- Sport Sciences
- Certificate II, III, IV in Fitness
- Diploma of Fitness
- Diploma of Sport Development

## Complimentary Subjects

- Biology
- Sports science
- Health and Human Development
- Psychology
- VET Sport and Recreation

*Be Respectful*

*Be Inclusive*

*Be Resilient*

# Year 10 Sports Science

This class is designed to encourage students to develop their understanding of fitness components and investigate how they can improve particular fitness components as well as performance.

Students will investigate the various systems within the body and the roles they play that contribute to exercise and enhanced performance.

By examining the roles of the different systems in the body and the physiological reactions associated with each, students will develop the ability to create structured and effective training programs targeting goal achievement.

Students will engage in one full practical class per week, helping to support the content discussed throughout theory classes, and help students gain a practical understanding through experiencing how their own bodies react to exercise. These weekly practical classes will work to highlight how fitness programs can be implemented to enhance specific components of fitness based on individual goals.

These practical classes will present an opportunity for students to set up and implement their own training programs, allowing them to refine them and work towards their personal goal achievement.

Theory classes will contain a mix of theoretical learning and practical labs/movement (when relevant). These theory classes will look to explore how the body creates movement through energy systems, as well as how the cardiovascular, respiratory, and endocrine systems work together to provide vital functions in supporting life and exercise.

Students will explore physiological responses to changes in environment, studying the effects of hypothermia, hyperthermia, altitude, and depth. By studying real world scenarios related to these topics, students will develop an understanding of the practical implications of physiology and bodily adaptations to stimuli.

Students will also explore human kinematics, considering how force, motion, energy, and how the concepts of physics within the human body can be used to enhance athletic performance.

In this subject students will:

- Explore warm-up and cool down techniques to increase performance and recovery.
- Learn to develop training programs to improve fitness components.
- Explore sports psychology and its relationship with performance.
- Explore physiology in relation to exercise.
- Learn to label the bones and muscles of the human body.
- Develop an understanding of the energy systems and energy system interplay.
- Learn the importance of feedback to improve performance.

## Assessment

- Structured Questions
- Written Reports
- Practical participation
- Training Program Development
- Exam

## Resources/camps/excursions

- A4 Workbook
- Pen
- Sports Uniform

## Pathways

- Unit 1&2 Physical Education
- Unit 3&4 Physical Education
- Bachelor in Physical Education
- Bachelor in Human Movement
- Sport Sciences
- Certificate II, III, IV in Fitness
- Diploma of Fitness
- Diploma of Sport Development
- VET Sport & Recreation

## Complimentary Subjects

- PE Recreation
- Biology
- Psychology
- Physics

- Explore how study of biomechanics is used to improve performance.
- Learn the role of technology in sport and fitness.
- Transfer their knowledge of theory into practical settings.

*Be Respectful*

*Be Inclusive*

*Be Resilient*

# Year 10 Indonesian

This subject runs for the entire year and is designed to build on language skills acquired in Year 9. Indonesian is recommended for students who enjoy language learning and would like to broaden their opportunities for employment, further study and travel.

During this course, students will:

- Use Indonesian to communicate about personal interests through spoken and written communication
- Study Indonesian film and understand its cultural significance
- Compare opportunities for study, travel and employment between Indonesia and Australia
- Explore the history of the close relationship between Indonesia and Australia, as well as the current and future prospects
- Apply the grammatical structures of Indonesian prefixes and suffixes, as well as the object focus construction.
- Build on vocabulary acquired in Year 9 and continue to expand language use
- Recognise informal and formal vocabulary and use it in the correct context
- Consider their own reactions in intercultural encounters and reflect on how these may relate to their own assumptions and identity, as well as considering how they may also be perceived by others

## Assessment

- Spoken exchanges through conversation and role-play
- Use written and spoken texts to identify key information
- Produce a variety of text types in written form
- Mid Semester exam
- End of Year exam

## Resources/camps/excursions

- Course materials provided

## Pathways

- Units 1-4 Indonesian
- Unit 1-4 English Language
- Bachelor of Arts
- Diploma of Languages
- Defence Force
- Border Patrol
- Tourism
- Law

## Complimentary Subjects

- Unit 1 & 2 English Language

*Be Respectful*

*Be Inclusive*

*Be Resilient*

# Year 10 Food Studies

During the semester long course, students will participate in a range of practical classes and theory lessons.

During the course, students will;

- Learn how to use the Design Process to create 'solutions' in different contexts, including food specialisations and food production.
- Explore each stage of the design process; investigate ideas, generate and refine ideas, plan, manage, produce and evaluate the product against established detailed criteria for success
- Select and use appropriate technologies skilfully and safely to produce quality designed solutions suitable for the intended purpose.
- Design and create healthy food solutions that can be used in the home.
- Learn about the importance of good nutrition and diet related disease awareness and management (obesity, diabetes, cardiovascular diseases and more)
- Explore sustainability issues; seasonal foods and how using them can make a difference
- Investigate and make judgements on how the principles of food safety, preservation, preparation, presentation and sensory perceptions influence the creation of food solutions for healthy eating
- Students undertake a food presentation task to learn about food styling and photography and the sensory appreciation of food

## Assessment

- CAT 1 – Wellness Bowl Design Brief
- CAT 2 – Healthy Takeaway Modification Meal Design Brief
- CAT 3 – Practical Activities and Evaluations
- CAT 4 – Media Analysis

## Resources/camps/excursions

- All class materials are provided
- A4 Clear Display Envelope
- A laptop is recommended
- Container
- Enclosed leather shoes (OHS requirement)

## Pathways

- Hospitality/retail industry
- Apprentice Chef
- Commercial Cookery Certificates
- Bachelor in health Science. Food Studies, Science, Home Economics

## Complimentary Subjects

- Unit 1-4 Food Studies
- Unit 1-4 Health and Human Development
- Unit 1-4 PE
- Unit 1-4 Biology

# Year 10 Information Technology

## *Area of Study 1: Digital Systems*

In this area of study, students will:

- Investigate the role of hardware and software in managing, controlling and securing the movement of and access to data in networked digital systems

## *Area of Study 2: Data and information*

In this area of study, students will:

- Look at how data is compressed and encoded and the difference between JPEG and PNG images
- Develop techniques for acquiring, storing and validating data from a range of sources, considering privacy and security requirements
- Analyse and visualise data to create information and address complex problems, and model processes using visualisation software tools to identify patterns and relationships between sets of data and information, and support abstract reasoning
- Create an interactive web-based project that complies with accessibility requirements, for example using fragments of a web language to create dynamic content that supports interactivity

## *Area of Study 3: Creating Digital Solutions*

In this area of study, students will:

- Define and decompose real-world problems precisely, taking into account functional and non-functional requirements
- Design the user experience of a digital system, evaluating alternative designs against criteria including functionality, accessibility, usability and aesthetics using story boards and mock-ups
- Develop modular programs, applying selected algorithms and data structures including using an object-oriented programming language for example coding separate modules that perform discrete functions but collectively meet the needs of the solution
- Investigate actions, devices and events that are potential risks to information systems, for example losing portable storage devices containing important files, deliberately infecting systems through malware, and power surge

### Assessment

- Tests
- Case studies
- Assignments

### Resources/camps/excursions

- Laptop

### Pathways

- VET Information Technology
- VCE Information Technology
- Bachelor of Technology information and communication
- Certificate IV Software Development

### Complimentary Subjects

- Maths
- Economics
- Science

# Year 10 Product Design and Technologies

Unlock your creativity and innovation with our VCE driven Design and Technologies subject! Dive into the exciting world of design and bring your ideas to life through hands-on projects and cutting-edge technology. This course empowers students to explore the entire design process, from conceptualization and prototyping to testing and refinement.

- Key Features:
- Develop critical thinking and problem-solving skills
- VCAA exam ready
- Learn to use modern design software and tools
- Engage in real-world projects that challenge and inspire
- Understand sustainable design practices and materials
- Whether you're passionate about fashion, furniture, electronics, or any other product, this subject provides the skills and knowledge to turn your visions into reality. Join us and transform your ideas into innovative products that make a difference!

## Assessment

- Conceptualisation
- Prototyping
- Testing
- Evaluation
- Design folio
- Outcome tasks
- Exam

## Resources/camps/excursions

- Materials supplied
- All tools and machinery supplied by school
- Laptop recommended
- Folio

## Pathways

- Unit 1-4 Product design and technology
- Certificates II, III, IV in cabinet making and building studies.
- Product design
- Industrial design
- Architecture
- Fashion Design
- Building
- Interior design

## Complimentary Subjects

- VET Building and Construction
- VCE Product Design and Technologies
- Visual Communication Design
- Business Management

# Year 10 Trade Ready

Prepare to step into the dynamic world of industry with our comprehensive Trade Ready subject. This course is designed to equip students with essential skills and knowledge to excel in various trades. Covering key areas such as workplace safety, tool proficiency, and hands-on practical projects, students will gain real-world experience that bridges the gap between education and employment.

Highlights include:

- In-depth safety training to ensure a secure working environment (Onguard Safety Training)
- Mastery of essential tools and equipment specific to your chosen trade
- Opportunity to work with Headstart and Pathways
- Hands-on activities to develop practical skills
- Options include white card, first aid, and referee opportunities
- Insights into industry standards and practices (communication/ personal presentation)

Whether you're aiming for an apprenticeship, trade school, or direct entry into the workforce, this subject provides the foundation for a successful career in the trades. Get ready to build your future with confidence and competence!

## Assessment

- Safety Training (Onguard)
- Research task (Local Trades)
- Professional Profile (CV)
- Work experience (Report)
- Digital portfolio (video)

## Resources/camps/excursions

- Materials supplied
- All tools and machinery supplied by school
- Laptop recommended

## Pathways

- Unit 1-4 Product Design and technologies
- Certificates II, III, IV in cabinet making and building studies.
- Trades ranging from; construction, building, brick laying, plumbing, cabinet making, plastering

## Complimentary Subjects

- VET Building and Construction
- VET Engineering

# Community & Me Electives

# Year 10 Fashion Design

## *Topic 1: Carry Bag/ handbag*

In this area of study, students will

- Gain inspiration from existing designers
- Learn basic sewing techniques
- Document the Design Process in their sketchbook
- Create a carry bag/ handbag

## *Topic 2: Re-cycled Fashion*

In this area of study, students will

- Learn how to illustrate fashion designs
- Learn basic sewing skills
- Document the Design Process in their sketchbook
- Create a garment from an existing piece of clothing

### Assessment

- Folio of work
- Final presentations
- Written report/analysis

### Resources/camps/excursions

- A3 Sketchbook
- Gallery excursion
- Excursion to Op Shop

### Pathways

- VET Studio Art
- VCE Creative Practice
- VCE Visual Communication

### Complimentary Subjects

- Visual Arts
- Digital Photography
- Visual Communication
- Product Design and Technology

# Year 10 Recycled Art

## Assessment

- Folio of work
- Final presentations
- Written report/analysis

## Resources/camps/excursions

- A3 Sketchbook
- Gallery excursion

## Pathways

- VET Studio Art
- VCE Creative Practice
- VCE Visual Communication

## Complimentary Subjects

- Visual Arts
- Digital Photography
- Visual Communication

### *Topic 1: Cardboard Art*

In this area of study, students will

- Learn how to manipulate cardboard
- Learn construction techniques
- Create a folio that documents the Art Process
- Learn presentation techniques
- Present a final artwork made from cardboard

### *Topic 2: Recycled Sculpture*

In this area of study, students will

- Learn how artists have used recycled items to create an artwork
- Create a folio that documents the Art Process
- Learn various sculpture construction techniques
- Present a final sculptural artwork

# Year 10 School Yard Art

## Assessment

- Folio of work
- Final presentations

## Resources/camps/excursions

- A3 Sketchbook
- Gallery excursion

## Pathways

- VET Studio Art
- VCE Creative Practice
- VCE Visual Communication

## Complimentary Subjects

- Visual Arts
- Digital Photography
- Visual Communication

### *Topic 1: Mosaic Tiles*

In this area of study, students will

- Learn how to manipulate glass and ceramic tiles
- Learn mosaic techniques
- Create a folio that documents the Art Process
- Learn collaborative presentation techniques

### *Topic 2: Public Mural*

In this area of study, students will

- Learn how artists work with a community to create a mural in a public space
- Create a folio that documents the Art Process
- Learn how to use scale to transfer designs
- Present a final mural artwork

# Year 10 LEAP Mathematics

Are you creative? Do you enjoy puzzles and challenges? Do you want to know why and how, rather than just being told what to do? Do you enjoy Mathematics? Then this elective maybe for you!

This subject is an elective maths completed in semester 2 only at Year 10, which is completed on top of the normal Year 10 Maths Methods.

The Year 10 Maths Learning Extension and Advancement Program (LEAP) is a mathematics enrichment program that is designed for students who enjoy Mathematics and want to experience mathematical concepts outside of the normal curriculum. Students will have the opportunity to study diverse areas of mathematics and there is a strong focus on developing problem solving skills and higher order thinking. It provides students with an ability and passion for mathematics and an opportunity to explore a range of strategies to solve challenging mathematical concepts and problems.

Students work individually and collaboratively on challenging tasks. Students are expected to participate in competitions Australian Mathematics Competition.

It is strongly recommended that students complete the highest level of mathematics at which they are capable to maximise their opportunities in the future. Please don't hesitate to contact your Maths teacher if you need further guidance with possible pathways.

## Assessment

- Common assessment tasks
- Essential assessment digital program

## Resources/camps/excursions

- Year 10 maths textbook
- Workbook
- Calculator (CAS TI-n-spire recommended)

## Pathways

- Unit 1 & 2 General Maths
- Unit 1 & 2 Maths Methods
- Unit 1 & 2 Spec. Maths

## Complimentary Subjects

- Year 9 Science

# Year 10 Café Culture

## Assessment

- CAT 1 – Do Food Safely Certificate
- CAT 2 – Folio of production work

## Resources/camps/excursions

- All class materials are provided
- A4 Clear Display Envelope
- A laptop is recommended
- Container
- Enclosed leather shoes (OHS requirement)

## Pathways

- Hospitality/retail industry
- Apprentice Chef
- Commercial Cookery Certificates
- Bachelor in Health Science. Food Studies, Science, Home Economics

## Complimentary Subjects

- Unit 1-4 Food Studies
- Unit 1-4 Health and Human Development
- Unit 1-4 PE
- Unit 1-4 Biology

Cafe skills will give you the confidence to gain experience in a career or part time work in hospitality.

In this course, you will learn how to prepare and handle food in a hygienic way, create a variety of breakfast menu items and prepare basic cafe food. This skill set will also give you valuable experience, confidence and increased engagement in the school community, setting you up for senior study.

Students will gain:

- knowledge, understanding and skills related to food hygiene, safety and producing quality food
- knowledge in current food trends e.g. Food Trucks
- Knowledge in food presentation
- Knowledge and skills in sugar cookie decorating
- knowledge and understanding of the significance of social media in hospitality skills.

Course work can include:

- hygienic work practices
- practical food preparation
- cafe trends
- Sugar cookie decorating
- healthy breakfasts
- food truck culture

# Year 10 STEM

The subject of STEM is a combination of Science, Technology, Engineering and Mathematics. This class will use computers and technology to design and create a variety of items through individual and group activities. Students will complete set tasks as well as completing a short student negotiated project.

Students will have access to different technologies including:

- 3D printers
- laser cutters
- robotics
- electronics
- coding
- lego and construction

Students will develop skills in:

- the design process,
- modification of projects,
- logical thought processes,
- communication
- learning through trial and error.

A majority of the class activities will be hands on and will suit students who are able to (or willing to learn how to) work by themselves with limited direction, able to modify projects after trialling and showing resilience in group situations

## Assessment

- Design Briefs
- Reflections
- Presentations
- Project Work

## Resources/camps/excursions

## Pathways

- Engineering
- Graphic Design
- Coding
- Manufacturing
- Design
- Architecture
- Trades

## Complimentary Subjects

- Maths
- Science
- Technology
- Design
- IT

# Year 10 Community Project

## Assessment

- Booklets
- Teacher Observations

## Resources/camps/excursions

- Excursions to Industries
- Running of Café

## Pathways

- Apprenticeships
- Traineeships
- VET
- TAFE

## Complimentary Subjects

- VCE VM PDS
- VCE VM WRS
- VCE VM Literacy
- VCE VM Numeracy

In this area of study students will:

- Plan, organise and carry out a project involving a number of steps and three or more people
- Identify and use appropriate resources related to a project or activity
- Identify positive and negative factors that influence individual behaviour and motivation in group situations
- Carry out the project to completion
- Investigate the concept of personal identity
- Analyse personal identity and emotional intelligence within different contexts
- Identify and explain key concepts, factors and principles relating to personal identity and emotional intelligence

Students will undergo a 'Community Project' which involves:

- Planning a Project that will be implemented over time to make a positive difference to community members and raise awareness of the issue identified, or volunteer with an organisation to effectively contribute to society.
- Working constructively within a Team to overcome challenges. Being mindful of and sensitive towards the background and rights of others that we may work with in our community and community project team.

# VET Subjects

# Certificate II in Automotive Vocational Preparation (Mechanical Stream) VET

## AUR20720 Certificate II in Automotive Vocational Preparation (Mechanical Stream)

Non scored VCE VET program

The VET Automotive program aims to provide participants with the knowledge, skills, and competency that will enhance their employment prospects and future training pathways in the automotive industries. Provides general knowledge and practical workshop skills in motor mechanics, auto electrical, parts interpreting, light engines and engine reconditioning. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2

### *Core Units that will be covered over the two-year course:*

- Follow environmental and sustainability best practice in an automotive workplace
- Communicate effectively in an automotive workplace
- Resolve routine problems in an automotive workplace
- Follow safe working practices in an automotive workplace
- Identify automotive electrical systems and components
- Identify automotive mechanical systems and components
- Use and maintain tools and equipment in an automotive workplace

### *Elective Units (5 will be selected to study over the two years):*

- Carry out basic vehicle servicing operations
- Inspect, test and service batteries
- Operate electrical test equipment
- Solder electrical wiring and circuits
- Set up and use welding equipment
- Remove and replace brake assemblies
- Dismantle and assemble single cylinder four-stroke petrol engines
- Dismantle and assemble multi-cylinder four-stroke petrol engines
- Remove and replace wheel and tyre assemblies
- Construct and test basic electronic circuits
- Remove, inspect and refit light vehicle wheel and tyre assemblies

### Assessment

- Competence based
- Online theory modules

### Resources/camps/excursions

- Overalls
- Work boots
- VET Shirt

### Pathways

- Motor Mechanic
- Vehicle Serviceperson
- Spare Parts Manager
- Automotive Engineer

### Complimentary Subjects

- Certificate II Engineering

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*Be Inclusive*

*Be Resilient*

# Certificate II Building & Construction (Carpentry) VET

## 22614VIC Certificate II in Building and Construction (Carpentry)

Non scored VCE VET program

Provides participants with the knowledge and skills to achieve competencies that will enhance their employment prospects in the building and construction industry. Is ideal for students wanting to enter the building and construction industry as apprentice carpenters. Students will gain knowledge and practical skills to work safely in the building and construction industry. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2.

### Year 1 Units to complete:

- Conduct workplace communication
- Carry out measurements and calculations
- Apply OHS requirements, policies and procedures in the construction industry
- Prepare to work safely in the construction industry
- Provide basic emergency life support
- Identify and handle carpentry tools and equipment
- Prepare for work in the building and construction industry
- Apply basic levelling procedures
- Interpret and apply basic plans and drawings

### Year 2 Units to complete:

- Construct basic wall frames
- Install basic external cladding
- Construct basic sub-floor
- Perform basic setting out
- Erect and safely use working platforms
- Construct basic roof frame
- Install basic window and door frames
- Install interior fixings
- Dismantle basic timber structures
- Construct basic formwork for concreting

### Assessment

- Competence based
- Online theory modules
- Data Analysis
- Structured Questions
- Written sessions
- Practical participation

### Resources/camps/excursions

- VET Shirt
- Overalls/work pants
- Leather boots
- Safety glasses
- Ear muffs
- Nail bag/tool belt
- Red carpenter's pencil
- 1 meter plastic folding ruler (mm only)
- 8m measuring tape (mm only)
- USB
- Laptop is recommended

### Pathways

- Carpenter
- Joiner
- Construction Worker
- Building Site Administrator
- Project Manager
- Building Inspector

### Complimentary Subjects

- Visual Communication
- Studio Arts
- Business Management
- Product Design and Development

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# Certificate II Community Services VCE/VET Units 1 - 2

## CHC22015 II in Community Services VCE Units 1 + 2

VCE Scored VET Subject

This certificate allows students to develop the skills and knowledge to undertake community services work such as providing support and assistance to a variety of clients including childcare, the elderly and the disability sector. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2

*Year 1 Units 1 + 2 Units to complete:*

- Organise and complete daily work activities
- Interact effectively with others at work
- Work with diverse people
- Use strategies to respond to routine workplace problems
- Provide first aid
- Participate in workplace health and safety
- Communicate and work in health or community services
- Provide first point of contact
- Manage personal stress in the workplace

### Assessment

- Data Analysis
- Structured Questions
- Written sessions
- Practical participation

### Resources/camps/excursions

- Textbook
- VET Shirt
- Community Settings; aged care, childcare, disability care and community hub

### Pathways

- Assistant community service worker
- Assistant childcare worker
- Assistant disability worker
- Elderly assistance
- Case service employee
- Customer service staff
- Social work roles
- Youth services roles

### Complimentary Subjects

- VCE/VET Unit 3 & 4 Community Services
- Health and Human Development
- Physical Education

# Certificate II in Cookery VCE/VET Units 1-4

## SIT202421 Certificate II in Cookery

VCE Scored VET Subject

This subject prepares students with a range of food preparation and cookery skills to prepare food and menu items ready for the hospitality and cooking industries. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2

### *Year 1 Units 1 + 2 Units to complete:*

- Clean kitchen equipment and premises
- Prepare and present simple dishes
- Use food preparation equipment
- Use hygienic practices for food safety
- Receive, store and maintain stock
- Participate in safe work practices
- Prepare dishes using basic methods of cookery
- Show social and cultural sensitivity
- Prepare and present sandwiches

### *Year 2 Units 3 + 4 Units to complete:*

- Work effectively in a commercial kitchen
- prepare stocks, soups and sauces
- preparing vegetable, fruit, eggs and homemade gnocchi and pasta dishes
- prepare appetisers and salads

### *Subject highlights:*

- Exciting hands-on individual projects
- Local employment opportunities
- Essential life skills

### Assessment

- A range of practical cooking activities
- Online assessment modules
- Observation during practical classes
- Work placement in Year 1 and 2 in local restaurants/cafes

### Resources/camps/excursions

- Chef uniform/ VET shirt (student supplied)
- All food, text books and online modules are provided
- Small class sizes – capped 14 students

### Pathways

- Employment in the hospitality industry throughout Australia
- Certificate III trainee or apprenticeship program in Commercial Cookery
- Certificate IV front of house
- University entrance ATAR score
- Nationally accredited/recognised in most European countries

### Complimentary Subjects

- VCE Food Studies
- VCE VM Personal Development

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# Certificate II Engineering Studies VCE/VET Units 1-4

## 22470VIC Certificate II in Engineering Studies

VCE Scored VET Subject

Provides participants with the knowledge and skills to achieve competencies that will enhance their employment prospects in the engineering industry.

Equips participants with comprehensive skills and knowledge to work in steel and metal industries by introducing computer use in relation to engineering work, use of hand and power tools, engineering science, fabrication techniques and quality concepts. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2.

### Year 1 Units 1 + 2 Units to complete:

- Apply principles of occupational health and safety in the work environment
- Use hand tools
- Report on a range of sectors in the manufacturing, engineering and related industries
- Select and interpret drawings and prepare three dimensional (3D) sketches and drawings
- Perform basic machining processes
- Perform basic fabrication techniques
- Use power tools/hand held operations
- Perform metal fabrication operations

### Year 2 Units 3 + 4 Units to complete:

- Undertake a basic engineering project
- Perform basic welding and thermal cutting processes to fabricate engineering structures
- Produce basic engineering components and products using fabrication and machining operations (for VM)  
or
- Perform intermediate engineering computations (for VCE)

### Assessment

- A range of practical activities
- Online assessment modules
- Observation during practical classes

### Resources/camps/excursions

- VET Shirt
- Leather Boots
- Long sleeve overalls or work pants and long shirt
- USB Memory Stick

### Pathways

- Fitting and Turning Tradesperson
- Heavy Fabrication (Boilermaker) Tradesperson
- Light Fabrication (Sheetmetal) Tradesperson
- Welder
- Tool Maker

### Complimentary Subjects

- VET Certificate II in Construction Pathways
- VCE Product and Design Technology

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# Certificate II in Retail Cosmetics

## **SHB20121 Certificate II in Retail Cosmetics**

Non scored VCE VET program 1 year course

Certificate II in Retail Cosmetics is a great introduction for those who want to work in the beauty industry or become a makeup artist.

*Year 1 Units to complete:*

- Demonstrate retail skin care products
- Advise on beauty products and services
- Design and apply make-up
- Produce visual merchandise displays
- Research and apply beauty industry information
- Communicate as part of a salon team
- Apply safe hygiene, health and work practices

### **Assessment**

- Practical Observation
- Written Assessment
- Workplace Observation
- Project Assessments

### **Resources/camps/excursions**

- Equipped salon
- VET Shirt

### **Pathways**

- Retail cosmetic assistant
- Makeup artist
- Salon assistant
- Beauty advisor
- Beauty consultant
- Retail product sales

### **Complimentary Subjects**

- Cert III in Beauty Services
- Cert III in Make-Up
- Cert III in Nail Technology
- Diploma in Beauty Therapy

# Certificate II in Salon Assistant

## SHB20216 Certificate II in Salon Assistant

Non scored VCE VET program 1 year course

Provides participants with the knowledge and skills to work in the hairdressing industry, providing students with genuine hands-on experience with clients in our salon on campus. Students will learn how to interact with customers professionally and follow workplace health and safety procedures.

*Year 1 Units to complete:*

- Contribute to health and safety of self and others
- Provide shampoo and basin services
- Dry hair to shape
- Maintain and organize tools, equipment and work areas
- Greet and prepare clients for salon services
- Recommend products and services
- Research and use hairdressing industry information
- Provide head, neck and shoulder massages for relaxation
- Braid hair

### Assessment

- Practical Observation
- Written Assessment
- Workplace Observation
- Project Assessments

### Resources/camps/excursions

- Equipped salon
- VET Shirt

### Pathways

- Hair stylist assistant
- Reception/administrative assistant

### Complimentary Subjects

- Cert III in Hairdressing
- Cert III in Barbering

# Certificate II Agriculture VET

## AHC30122 Certificate II in Agriculture

Non scored VCE VET program

Provides students the skills and knowledge to perform a variety of tasks in relation to cropping, plant nutrition, intensive horticulture and mixed farming enterprise skill set. Individuals with this qualification perform tasks in a variety of contexts, which involve some judgement in selecting and maintaining equipment and services.

### *Year 1 and Year 2 Units to complete:*

- Contribute to workplace health and safety processes
- Apply environmentally sustainable work practices
- Maintain and monitor animal health and wellbeing
- Apply biosecurity measures
- Transport and store chemicals
- Prepare and apply chemicals to control pest, weeds and diseases
- Plan and construct conventional fencing
- Comply with industry animal welfare requirements
- Operate and maintain chainsaws
- Operate tractors with attachments
- Implement a plant nutrition program
- Control weeds
- Control plant pests, diseases and disorders
- Sample soils and interpret results
- Monitor weather conditions

### Assessment

- Competence based
- Online theory modules
- Data Analysis
- Structured Questions
- Written sessions
- Practical participation

### Resources/camps/excursions

- VET Shirt
- Work pants
- Boots

### Pathways

- Farm or station hand/worker
- fencing contractor

### Complimentary Subjects

- Biology
- Outdoor Education
- Agriculture and Horticulture Studies

# Certificate III Early Childhood Education and Care

## CHC30121 Certificate III in Early Childhood Education and Care

Non scored VCE VET program

Will teach participants a range of practical early childhood skills. Participants will learn to facilitate children's play and leisure to help them to achieve developmentally.

### Work Placement

Students will be required to complete mandatory 80 hours of Structured Workplace Learning over 2 years (40 hours per year). Bendigo TAFE will endeavour to provide students/schools with contacts in industry to secure these hours. The school and student is responsible for arranging the SWL with the employer. The teaching portfolio will provide block dates for when SWL hours are to occur.

### Year 1 Units to complete:

- Work effectively in children's education and care
- Work with diverse people
- Support children to connect with the natural environment
- Follow basic food safety practices

### Year 2 Units to complete:

- Encourage understanding of Aboriginal and/or Torres Strait Islander peoples' cultures
- Participate in workplace health and safety
- Observe children to inform practice
- Use an approved learning framework to guide practice

### Assessment

- A range of practical activities
- Online assessment modules
- Observation during practical classes

### Resources/camps/excursions

- VET Shirt
- Leather Boots
- Long sleeve overalls or work pants and long shirt
- USB Memory Stick

### Pathways

- Centre-based day care services
- Kindergartens and out-of-school hours service

### Complimentary Subjects

- Certificate II in Community Services
- Certificate III in Early Childhood Education and Care

# Certificate II Electrotechnology (Electrical) VET

## 22499VIC Certificate II in Building and Construction (Electrical)

Non scored VCE VET program

Provides participants with the knowledge and skills to achieve competencies that will enhance their employment prospects in the electrical or electrical-related industries. Enables participants to identify and use a range of materials, tools, equipment and technologies in electrical work.

### Year 1 Units to complete:

- Use of routine equipment/plant/technologies in an energy sector
- Prepare to work safely in the construction industry
- Apply occupational health and safety regulations, codes and practices in the workplace
- Attach cords and plugs to electrical equipment for connection to a single phase 230 volt supply
- Use test instruments in the electrotechnology industry
- Solve problems in ELV single path circuits
- Perform intermediate engineering computations

### Year 2 Units to complete:

- Fabricate, assemble and dismantle utilities industry components
- Fix and secure electrotechnology equipment
- Carry out basic network cabling for extra low voltage
- Carry out basic electrotechnology project
- Install a sustainable extra low voltage energy power system

### Assessment

- Competence based
- Online theory modules
- Data Analysis
- Structured Questions
- Written sessions
- Practical participation

### Resources/camps/excursions

- VET Shirt
- Overalls/work pants
- Leather boots
- USB
- Laptop is recommended

### Pathways

- Electrician
- Electrical Trade Worker

### Complimentary Subjects

- Maths
- IT

# Certificate III in Visual Arts

## CUA31120 Certificate III in Visual Arts

Non scored VCE VET program

Certificate III in Visual Arts supports students to develop a range of visual art skills to prepare for work in a variety of visual arts, craft and design environments. Skills are underpinned by the application of introductory art theory and history. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2. Students learn about creative design processes, drawing to communicate ideas, and have the opportunity to develop skills in a range of areas such as photography, digital imaging, painting, sculpture and more. Students also develop skills to work safely and effectively.

### Core Units that will be covered over the two-year course:

- Contribute to health and safety of self and others
- Produce drawings to communicate ideas
- Produce creative work
- Apply knowledge of history and theory to own arts practice

### Elective Units (8 will be selected to study over the two years):

- Develop drawing skills to communicate ideas
- Follow a design process
- Produce and prepare photo images
- Produce digital images
- Produce drawings
- Plan a career in the creative arts industry
- Produce paintings
- Capture photographic images
- Make simple creative work
- Produce sculpture
- Participate in collaborative creative projects
- Investigate business opportunities
- Operate digital media technology package

### Assessment

- Practical Observation
- Written Assessment
- Workplace Observation
- Project Assessments

### Resources/camps/excursions

- Equipped studio
- VET Shirt

### Pathways

- Art class instructor
- Art, craft or design practitioner
- Studio assistant
- Digital artist
- Art studio tutor
- Illustrator
- Photographer

### Complimentary Subjects

- VCE Visual Communications
- VCE Art Creative Practice

# Certificate III Information Technology VCE/VET Units 1 - 4

## ICT30120 Certificate III in Information Technology

VCE Scored VET Subject

The Certificate III in IT program develops a broad set of fundamental skills but offers further breadth through units such as introductory-level programming techniques, IP ethics and privacy of information, diagnostic testing and client service.

The program is suitable for serious IT enthusiasts and affords meaningful insights into some of the more common specialisations so that participants can either use this base knowledge and skills to pursue a career or further study in specialist fields software engineering, gaming, coding, programming, technical support, data management, network management, information security and more. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2

*Year 1 Units 1 + 2 Units to complete:*

- Work in a team
- Use computer operating systems and hardware
- Operate application software packages
- Run standard diagnostic tests
- Securely manage personally identifiable information and workplace information
- Develop and extend critical and creative thinking skills
- Apply introductory programming techniques

*Year 2 Units 3 + 4 Units to complete:*

- Install, configure and secure a small office or home office network
- Provide ICT advice to clients
- Maintain and repair equipment and software
- Provide basic system administration
- Identify IP, ethics and privacy policies in ICT environments

### Assessment

- Multiple choice Questions
- Short answer questions
- Projects/assignments
- Practical demonstrations

### Resources/camps/excursions

- iVET Online Portal
- Work experience

### Pathways

- Certificate IV in Information, Digital Media and Technology
- Diploma in Information, Digital Media and Technology
- IT support positions
- Help Desk support
- Retail, business administration, hospitality and education occupations
- Graphic design  
Web designer

### Complimentary Subjects

- Visual Communication
- Maths

# Certificate III MUSIC INDUSTRY (Performance) Units 1- 4

## CUA30920 Certificate III in Music Industry (Performance)

VCE Scored VET Subject

This course assists students in developing a wide range of competencies in varied work contexts of the music industry, as well as in environments that require skills in music performance, music creation or composition, sound production or music business. This course is suited to students with a broad interest in music who are keen to further develop skills in their area of interest, from preparing for performances, recording, and mixing music or repairing and maintaining audio equipment for live music events.

### Year 1 Units 1 & 2 Units to complete:

- Contribute to health and safety of self and others
- Implement copyright arrangements
- Work effectively in the music industry
- Apply knowledge of style and genre to music industry practice
- Notate music
- Develop ensemble skills for playing or singing music

### Year 2 Units 3 + 4 Units to complete:

#### VCE SAC 1: (Portfolio)

- Clarify performance requirements and develop own performance pieces
- Practise instrument and/or voice
- Observe work health and safety (WHS) principles in private practice, rehearsals and performance
- Implement strategies to overcome the effects of performance anxiety

#### VCE SAC 2: (Work Performance)

- Explore the range and scope of instrument or voice
- Maintain and care for instrument or voice
- Use personal practice time to extend technical skills
- Perform pieces
- Evaluate own performance

#### VCE SAC 3: (Work Performance/Stagecraft)

- Develop stagecraft skills
- Apply stagecraft skills
- Maintain stagecraft skills
- Follow safe work practices

Students are required to successfully complete at least one work placement. The course will provide students with these workplace experiences, including rehearsal workshops, performance and recording opportunities with music industry professionals.

### Assessment

- Portfolio
- Performance participation
- Written Reports
- Rehearsal participation

### Resources/camps/excursions

- Workbook
- Own Instrument (optional)
- Work Placement

### Pathways

- Singer
- Song Writer
- Studio Assistant
- Unit 3 & 4 Music Industry (performance)
- Bachelor of Music
- Certificate IV in Music Industry (performance)
- Diploma of Music

### Complimentary Subjects

- Studio Art
- VET Sound Production

# Certificate III Sport and Recreation VCE/VET

## Units 1- 4

### SIS30115 III in Sport and Recreation VCE Units 1 + 2

VCE Scored VET Subject

This certificate has a focus on practical involvement in the sport, fitness and recreation industry. The course is for students to develop the skills and knowledge to assist with the delivery of sport and recreation activities, performing various participant contact and equipment maintenance duties.

Completing the selected units is a great foundation for students wanting to contribute to their community sports club or start in an assistant-level role in a sport, fitness or recreation organisation. Learning opportunities for students are hands-on, with the added benefit of keeping a range of future career options open. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2

#### Year 1 Units 1 + 2 Units to complete:

- Organise personal work priorities and development
- Use business technology
- Conduct non-instructional sport, fitness or recreation sessions
- Provide equipment for activities
- Maintain equipment for activities
- Participate in workplace health and safety
- Provide first aid
- Respond to emergency situations
- Provide quality service
- Use social media tools for collaboration and engagement

#### Year 2 Units 3 + 4 Units to complete:

- Conduct sport coaching sessions with foundation level participants
- Plan and conduct programs
- Facilitate groups
- Educate user groups
- Participate in WHS hazard identification, risk assessment and risk control

#### Assessment

- Data Analysis
- Structured Questions
- Written sessions
- Practical participation

#### Resources/camps/excursions

- Textbook
- VET Shirt
- Sports Uniform

#### Pathways

- Leisure Assistant
- Recreational Assistant
- Certificate III/IV in Fitness
- Diploma of Fitness
- Diploma of Sport Development
- Grounds Assistant

#### Complimentary Subjects

- Health and Human Development
- Physical Education
- VET Community Services

# Certificate III Sport, Aquatics and Recreation VCE/VET

## Units 1- 4

### SIS30122 III in Sport, Aquatics and Recreation VCE Units 1-4

VCE Scored VET Subject

This certificate has a focus on practical involvement in the sport, fitness and recreation industry. The course is for students to develop the skills and knowledge to assist with the delivery of sport and recreation activities, performing various participant contact and equipment maintenance duties.

Completing the selected units is a great foundation for students wanting to contribute to their community sports club or start in an assistant-level role in a sport, fitness or recreation organisation. Learning opportunities for students are hands-on, with the added benefit of keeping a range of future career options open. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2

#### Year 1 Units 1 + 2 Units to complete:

- Participate in workplace health and safety
- Provide quality service
- Respond to emergency situations
- Maintain activity equipment
- Maintain sport, fitness, and recreation industry knowledge
- Provide first aid
- Provide cardiopulmonary resuscitation
- Participate in conditioning for sport
- Organise personal work priorities
- Continuously improve officiating skills and knowledge
- Respond to interpersonal conflict

#### Year 2 Units 3 + 4 Units to complete:

- Conduct sport coaching sessions with foundation level participants
- Plan and conduct programs
- Facilitate groups
- Educate user groups
- Participate in WHS hazard identification, risk assessment and risk control

#### Assessment

- Data Analysis
- Structured Questions
- Written sessions
- Practical participation

#### Resources/camps/excursions

- Textbook
- VET Shirt
- Sports Uniform

#### Pathways

- Leisure Assistant
- Recreational Assistant
- Certificate III/IV in Fitness
- Diploma of Fitness
- Diploma of Sport Development
- Grounds Assistant

#### Complimentary Subjects

- Health and Human Development
- Physical Education
- VET Community Services

# Partial Certificate III Community Services VCE/VET Units 3 - 4

## CHC22015 III in Community Services VCE Units 3 + 4

VCE Scored VET Subject

This certificate allows students to develop the skills and knowledge to undertake community services work such as providing support and assistance to a variety of clients including childcare, the elderly and the disability sector. This is a two-year industry focused program. Year 1 must be successfully completed to be able to complete Year 2

*Year 2 Units 3 & 4 Units to complete:*

- Respond to client needs
- Work within a community development framework
- Implement participation and engagement strategies

### Assessment

- Data Analysis
- Structured Questions
- Written sessions
- Practical participation
- VCE VET Unit 3 & 4 Community Services
- End of Year examination

### Resources/camps/excursions

- Textbook
- VET Shirt
- Community Settings; aged care, childcare, disability care and community hub

### Pathways

- Completion of Certificate III in Community Services at Tafe
- Assistant community service worker
- Assistant childcare worker
- Assistant disability worker
- Elderly assistance
- Case service employee
- Customer service staff
- Social work roles
- Youth services roles

### Complimentary Subjects

- Health and Human Development
- Physical Education

*Be Respectful*

*Be Inclusive*

*Be Resilient*





# Echuca College

**Phone:** 03 5482 1133

**E:** [echuca.co@education.vic.gov.au](mailto:echuca.co@education.vic.gov.au)

**W:** [www.echucacollege.vic.edu.au](http://www.echucacollege.vic.edu.au)

**Facebook:**

[facebook.com/echucacollege](https://facebook.com/echucacollege)

