



BELLARINE SECONDARY COLLEGE
YEAR 10 PROSPECTUS
2022

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INTRODUCTION

This booklet is designed to inform and help students and parents/guardians understand the requirements of the Year 10 program and select a course of study. The organisation of the curriculum at Bellarine Secondary College is based on the eight Professional Learning Communities (PLC's)

- Arts
- English
- Health and Physical Education (HAPE)
- Humanities
- Languages (Indonesian)
- Mathematics
- Science
- Technology

The program ensures that all students have access to a broad, comprehensive curriculum.

ESSENTIAL LEVIES

Students and parents / guardians need to consider the costs associated with some units, which must be met if the student is to remain enrolled in the subject. The essential levies are used to provide students with materials and equipment in addition to the normal costs associated with the standard curriculum.

*These units attracted a cost in 2021 over and above the Essential College Levy but, as levies are yet to be finalised for 2022, please refer to the levy sheets which will be distributed in Term 4. If you would like a copy of the 2021 levy sheets as a quick guide please contact the school administration office on 5251 9000.

Please note that there may also be essential levies applied to additional subjects that have not attracted a levy in the past.

COURSE SELECTION

Students will select 12 units, each of five periods per week, to be completed over the year. In each semester, students will study six of these units.

Descriptions of all the units offered in each DBA are included in this booklet. There will be seminars and counselling sessions, prior to course selection.

Course selection will be conducted via booked Interviews in 2021. Students will be expected to complete a 'pre-selection' sheet at home and have this available for the selection interview. A parent/guardian and a course counsellor will also be present for the interview. These interviews will be conducted on Tuesday 10th August and interviews can be booked via Compass. A notification will be sent when Compass is open for bookings.

SUBJECT SELECTIONS

All students must study English and Mathematics during each semester. Each semester students study 4 subjects from the remaining 6 Learning areas, 8 across the year. Of the remaining 6 Discipline Based Learning Area's, students may choose to exclude 2 DBA's when selecting their 8 other subjects. However, it is important that preferred future VCE subject choices and career pathways are not jeopardised by the choices made in Year 10. A student is not allowed to do more than three units in one Discipline Based Area.

CORE SUBJECTS AND ELECTIVES

Core subjects focus on the fundamentals of a subject area.

Elective subjects further students understanding. Students can select an elective subject/s in semester 1 and/or 2 but must complete the core subject either at the same time or in the semester beforehand.

Example: students wanting to complete Physical Education Extension must also complete Health and Physical Education.

In addition, some Year 10 students may be invited to enrol in a Year 11 VCE subject. This would be subject to the student meeting a range of criteria listed in the section 'Year 10 Accelerated Learning 2021 – Later Years (VCE), on page 8 of this prospectus.

TIMELINE

Thursday 22 nd July	Information Evening at the Drysdale campus. See Compass Newsfeed for details.
Tuesday August 10th	Pathway & Course Counselling Session Year 10 2022 CURRENT YEAR 9 STUDENT FREE DAY. Students expected to attend Interview with parent/guardians. More details available on Compass Newsfeed.
December	Student/parent/guardians involved with course sign off.

When making course selections for next year, students should gather information from a variety of sources including their current teachers, the Transitions & Pathways Leader Mr Scott McDonald, Professional Learning Community Leaders, parents/guardians and the Information Evening. In addition to this, it is highly encouraged that students and their parents / guardians be involved in Course Counselling Sessions. Some sessions will be conducted at school and assist students to make educated selections for their future pathways.

If you have any questions or concerns please contact Mr Scott McDonald, Transition & Pathways Leader on 5251 9035.

**COURSE SELECTION FOR THE 2022 SCHOOL YEAR
WILL BE COMPLETED VIA INTERVIEWS AND STUDENTS MUST HAVE
COMPLETED A PRE-SELECTION SHEET.**

**IT IS IMPORTANT THAT STUDENTS AND THEIR
PARENTS/GUARDIANS ATTEND THE INTERVIEW, IF THEY HAVE
BOOKED ONE.**

YEAR 10 - BELLARINE SECONDARY COLLEGE - CURRICULUM STRUCTURE 2022

YEAR	ENGLISH	MATHS	SCIENCE	HEALTH & PHYS. ED.	HUMANITIES	LANGUAGES (INDONESIAN)	ARTS	TECHNOLOGY
10 5 periods	Compulsory	Compulsory	Elective subjects in at least 4 Learning Areas other than English and Maths- 5 periods per week for one semester					
	- English	-Mathematics 10 General - Mathematics 10 Methods	- Chemistry for Life - Engineering Science - Environmental Design & Engineering - Forensic Science - Genes and Evolution - Mind and Body - Marine Science	- Health and Physical Education	- Sociology and Legal Studies - Economics and Business - History: Changing the World	- Indonesian	Visual - Ceramics & 3D Art - Media - Visual Art - Visual Communication Design Performing - Dance - Drama - Music	Design - Agriculture and Horticulture - Materials Fashion and Fibre - Materials Foods - Materials Foods Café Fare - Materials Metal - Materials Wood - Systems Robotics Digital - Computing - Living in a Digital World - Programming and Game Design Ready, Set, Work (full year)
	Electives – If selecting one of the below electives, students must have chosen the related Elective subject above - 5 periods per week for one semester							
- Literature				- Health and Human Development - Outdoor Education One - Outdoor Education Surf Life Saving - Physical Education Extension		- Indonesian Extension		

VCE / VCAL - BELLARINE SECONDARY COLLEGE - CURRICULUM STRUCTURE 2022

YEAR	ENGLISH	MATHS	SCIENCE	HEALTH & PHYSICAL EDUCATION	HUMANITIES	LANGUAGES (INDONESIAN)	ARTS	TECHNOLOGY	VET IN SCHOOLS
VCE 5 periods	Units 1 - 4 - English - Literature Units 1 - 4 - VCAL Literacy	Units 1 & 2 - Foundation - General Maths - Maths Methods Units 3 & 4 - Further Maths - Maths Methods - Specialist Maths Units 1 - 4 - VCAL Numeracy	Units 1 - 4 - Biology - Chemistry - Environmental Science - Physics - Psychology	Units 1 - 4 - Health & Human Development - Physical Education - Outdoor and Environmental Studies	Units 1 - 4 - Business Management - History - Legal Studies Units 1 & 2 Only - 20th Century History Units 3 & 4 - History Revolutions	Unit 1 - 4 - Indonesian	Unit 1 - 4 - Art - Drama - Media - Studio Arts - Visual Communication Design	Units 1 - 4 - Agriculture & Horticulture - Food and Technology - Product Design and Technology Textiles - Product Design and Technology Wood Units 1 & 2 Only Digital - Computing Units 3 & 4 Only Digital – Software Development	Units 1 - 4 - Aged Care - Automotive - Business Administration (Medical) - Beauty - Building and Construction Pre- apprenticeship (Carpentry) - Children's Services - Catering Operations - Dance - Education Support (Integration) - Electro technology - Engineering - Equine Industry - Hairdressing - ICT - Makeup - Media - Music - Outdoor Recreation - Plumbing *Please note VET courses are dependent on enrolment numbers

YEAR 10 ACCELERATED LEARNING 2021 – LATER YEARS (VCE)**ACCELERATED STUDIES INTO VCE AT YEAR 10**

Our curriculum structure at Year 10 allows some of our highly motivated and high achieving students to study **both** Unit 1 and Unit 2 of a selected VCE subject.

POSSIBLE ADVANTAGES OF STUDYING A VCE SUBJECT IN YEAR 10

- The challenge, stimulation and motivation of studying a VCE subject.
- Students gain a gradual exposure and understanding of the VCE processes, work requirements, outcomes, essays, exams.
- The opportunity to study more than the usual 22 VCE units.
- The experience of working with older (Year 11) students.
- The option to study a VCE Subject, Units 3 & 4, in Year 11 and therefore gain a higher ATAR score (students gain credit for up to 6 Unit 3 & 4 subjects).

POSSIBLE DISADVANTAGES OF STUDYING A VCE SUBJECT IN YEAR 10

- Fewer Year 10 subjects can be studied.
- Increased workload and stress.
- Perceived need to concentrate on VCE studies at the expense of normal Year 10 classes.

PROCEDURES FOR STUDENTS ACCELERATING TO VCE

- Recommendations for acceleration may be initiated by the student, parent/guardian or teacher. However, students will be expected to have a record of excellent work habits and a high level of achievement in Year 9. These recommendations need to be forwarded to Mr Scott McDonald or Ms Vanessa Wedding at the Drysdale Campus.
- After initial discussions with teachers and parents / guardians, students wishing to apply to accelerate need to complete a 'Later Years (VCE) Acceleration Application'. This can be collected by students from the Pathways and Careers office.
- The 'Later Years (VCE) Acceleration Application' should be completed and signed by the parent/guardian, the student and the DBA leader and returned to Mr Scott McDonald or Ms Vanessa Wedding by no later than Friday 27th August – late applications cannot be considered.
- The application will be considered by the Year 10 Acceleration Panel, chaired by Mr Scott McDonald. This may incorporate interviews with both students and parents/guardians.
- Students granted permission to study a VCE subject (Units 1 and 2) from the designated list will drop the core subject and any nominated elective subject in the same Learning Areas at Year 10, plus one of their core subject choices.
- Students granted approval to accelerate will be advised during Term 4.
- Acceleration will be conditional on the nominated VCE subject being available to the Year 10 students as this will depend on student demand, class sizes and possible subject clashes.
- Year 11 and 12 students will be given priority in accessing VCE subjects.
- The progress of accelerating students will be monitored during Term One 2022. Recommendations to continue or restructure a student's program will be dependent on their work practices and academic achievement across all subjects.

YEAR 10 – DISCIPLINE BASED LEARNING AREA COURSE OUTLINES:

ARTS

VISUAL ARTS

TITLE:	CERAMICS & 3D ART
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Tess Grace
COURSE AIMS:	
<ul style="list-style-type: none"> • Students will be encouraged to experiment with ideas, concepts and techniques, with the medium of clay and / or other available 3D Media. • The emphasis will be placed on creativity and quality finish. • Students will have the opportunity to develop their individual style and extend their skills and experiences in ceramics and / or other 3D Media. 	
COURSE CONTENT:	
<ul style="list-style-type: none"> • Students will produce a Folio of 3D Projects using clay or other available media including: • Several projects using different building techniques, or a combination of techniques. • Development of decorating techniques, on new projects or the major projects previously completed. • Development of an individual series of smaller models, or an environmental / community art-project. • A workbook will be maintained with designs and notes on techniques and methods with reference on Ceramic Artists and Sculptors. 	
PATHWAYS TO:	
This unit is designed to prepare students for VCE Studio Art or VCAL Art & Design.	

TITLE:	MEDIA ART
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Jess Walsh
COURSE AIMS: <ul style="list-style-type: none">• Students will study and refer to media theory to develop their skills in visual literacy.• Students will develop skills in the use of digital equipment and software to create media photographic products of their own design.• The subject includes both practical and theoretical components.	
COURSE CONTENT: <ul style="list-style-type: none">• Areas of study can include:• Film Analysis• Digital Photography – including aperture, shutter speed, ISO, and editing in Photoshop• Digital Video Production – including preproduction planning, DSLR video production and editing• Digital Video Editing	
PATHWAYS TO: <p>This subject is designed to prepare students for VCE Media.</p>	

TITLE:	VISUAL ART
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Joel Wolter
COURSE AIMS:	
<ul style="list-style-type: none"> To develop skills in art design and demonstrate a wide range of art techniques. Analyse and interpret the content, structure and aesthetic qualities of artworks. 	
COURSE CONTENT:	
<ul style="list-style-type: none"> Students develop and extend skills in the areas of drawing, painting, printmaking and mixed media. Students complete art appreciation projects on Impressionism, Cubism, appropriation and modern art movements. 	
PATHWAYS TO:	
This unit will help prepare students for VCE Studio Art or VCAL Art & Design.	

TITLE:	VISUAL COMMUNICATION DESIGN
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Paul Waycott
COURSE AIMS:	
<ul style="list-style-type: none"> Students take on the role as Graphic Designer to create conventional and creative graphics. Course is based on communication, environmental and industrial design fields and their practical applications in society. 	
COURSE CONTENT:	
<ul style="list-style-type: none"> Students will produce a Practical Folio including: Instrumental drawings. Freehand drawings. Computer generated graphics. Marketing techniques. Range of drawing materials. Analysis and evaluation of existing visual communications. Elements and principles of design. 	
PATHWAYS TO:	
This unit is designed to prepare students for VCE Visual Communication Design.	

PERFORMING ARTS

TITLE:	DRAMA
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Cassia Webster
COURSE AIMS:	
<p>Students will explore an eclectic range of theatre styles.</p> <p>Students will learn how to work effectively in a group when devising and staging a performance.</p> <p>Students will learn to analyse their own performances.</p>	
COURSE CONTENT:	
<p>Explore and Express ideas: Students will explore theatre styles not dependant on real life to improvise and create a devised performance. Students will explore the conventions of Naturalism and naturalistic narrative structures to rehearse scripted drama.</p> <p>Drama Practices: Students will practice, manipulate and refine the expressive skills and performance skills to communicate ideas, characters and dramatic action.</p> <p>Present and Perform: Students will perform devised and scripted drama to a selected audience.</p> <p>Respond and interpret: Students will analyse the work of others to enrich their drama practice.</p>	
PATHWAYS TO:	
<p>This unit is designed to prepare students for VCE Drama.</p>	

TITLE:	MUSIC
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Stephen McEwan or Ms Rebecca Cowled
COURSE AIMS:	
<ul style="list-style-type: none"> • Students will extend their knowledge of music theory and its application through practical performance. • Students will develop their aural and analytical skills through identification of musical elements present in musical works. • Students will explore a variety of styles of music and their distinguishing musical features. • Students will develop awareness of Music Industry skills and structure. 	
COURSE CONTENT:	
<ul style="list-style-type: none"> • Students will be required to complete: • Theory tasks • Listening – analysis, aural comprehension • Performance and reflection– solo technical work and pieces / group performance • Music Industry knowledge 	
PATHWAYS TO:	
Students complete units of Cert II Music. This unit will prepare students for VET Cert III Music.	

TITLE:	ENGLISH
UNIT OFFERED:	Semester 1 AND Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Georgina Saunders
COURSE AIMS:	
To develop student competence and confidence in using language through a wide range of activities and practices based on the Victorian Curriculum.	
COURSE CONTENT:	
<p>Reading and viewing: The course incorporates the study of set texts such as novels, short stories, plays, film as text, poetry, newspapers and other media.</p> <p>Writing: Students engage in a range of formal and informal types of writing.</p> <p>Speaking and Listening: Students participate in discussion, debates, formal and informal talks and other speaking and listening opportunities.</p>	
PATHWAYS TO:	
English is compulsory in VCE. In Units 3 and 4, Units can be made up from English or Literature.	

TITLE:	LITERATURE
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Elective
CONTACT PERSON:	Ms Georgina Saunders
COURSE AIMS:	
<p>To develop an enjoyment of language and literature through reading deeply, widely and critically.</p> <p>To develop the ability to articulate views through creative and analytical responses.</p>	
COURSE CONTENT:	
<p>Reading and viewing: The course incorporates the close study of a range of poetry, short stories, plays and films.</p> <p>Writing: Students engage in a range of creative and analytical styles of writing.</p> <p>Speaking and Listening: Students participate in discussion, debates, formal and informal talks and other speaking and listening opportunities.</p>	
PATHWAYS TO:	
VCE Literature. In Units 3 and 4, Units can be made up from English or Literature	

HEALTH AND PHYSICAL EDUCATION

TITLE:	HEALTH AND PHYSICAL EDUCATION
UNIT OFFERED:	Semester 1 <u>OR</u> Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSONS:	Mr Tom Marshallsea, Mrs Terri-Ann Finch, Mrs Sue Blacket, Mr Adam McIntosh, Miss Charlotte Rettke, Mrs Vanessa Wedding
COURSE AIMS:	To promote understanding of physical activity and movement, fitness and training, health, safety and human relations.
COURSE CONTENT:	The course involves three periods of physical education and two periods of health each week. <i>Activities undertaken include:</i> <ul style="list-style-type: none"> • Badminton • Netball • Korfball • Ultimate • Fitness training methods • Indoor hockey • Soccer • Flag football • Golf, gymnastics <p>Health topics include: Binge drinking/drink driving and mental health</p>
PATHWAYS TO:	This unit will help prepare students for VCE Physical Education and Health and Human Development.

TITLE:	HEALTH AND HUMAN DEVELOPMENT
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Elective
CONTACT PERSONS:	Mrs Vanessa Wedding, Mrs Terri-Ann Finch, Mrs Maddy Chaplin, Mrs Sue Blacket
COURSE AIMS : The course aims to extend students in their understanding of key health concepts and how they will determine the health of individuals and populations	
COURSE CONTENT : <ul style="list-style-type: none">• Detriments of health – physical, social, biological factors that influence our health• Respectful relationships – how relationships change and develop during adolescence including beginning more intimate relationships• Students will have the opportunity to experience Virtual Parenting Dolls	
PATHWAYS TO: This unit will help prepare students for Health and Human Development.	

TITLE:	OUTDOOR EDUCATION CORE
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Elective
CONTACT PERSONS:	Mr Adam McIntosh, Mr Tom Marshallsea
COURSE AIMS:	
To develop a range of knowledge and skills that will encourage safe participation in outdoor activities.	
COURSE CONTENT:	
The course will cover such areas as, swimming, body surfing, snorkelling, canoeing, fishing, rock climbing, bush walking, surfing, first aid, camp craft, orienteering, environmental issues and related theory.	
COST:	
There will be a significant cost associated with this subject to cover the numerous camps / excursions.	
PATHWAYS TO:	
This unit will help prepare students for VCE Outdoor and Environmental Studies and VCAL Outdoor Recreation.	

TITLE:	OUTDOOR EDUCATION - SURF LIFE SAVING
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Elective
CONTACT PERSONS:	Mr A McIntosh, Mrs T Finch Mr Tom Marshallsea
COURSE AIMS:	
To develop a range of knowledge and skills that will encourage safe participation in outdoor activities.	
COURSE CONTENT:	
The course will cover such areas as swimming, body surfing, surfing, rock climbing, fishing, canoeing, camp craft, environmental issues and related theory.	
Students will also undergo the training and assessment of the Surf Rescue Certificate – an entry level Surf Life Saving qualification. A partly subsidised overnight camp is included in this program.	
COST:	
There is a small cost required for this unit. This subject is primarily funded by the Victorian Government Youth Advance Program.	
PATHWAYS TO:	
This unit will help prepare students for VCE Outdoor and Environmental Studies and VCAL Outdoor Recreation.	

TITLE:	PHYSICAL EDUCATION EXTENSION
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Elective
CONTACT PERSONS:	Mrs Vanessa Wedding, Mrs Terri-Ann Finch, Ms Charlotte Rettke
COURSE AIMS:	
<p>This unit aims to encourage students to participate in a variety of physical activities and to develop an understanding of their link to body systems used during exercise, how we can legally and illegally enhance performance of our body systems and the nature of physical activity throughout lifespan.</p>	
COURSE CONTENT:	
<p>Theory – how body systems function during exercise, ergonomic aids to enhance performance and physical activity throughout the life span.</p> <p>Major and minor games, volleyball, indoor cricket, basketball, croquet, Gaelic football, table tennis, archery, soft lacrosse, excursions.</p>	
COST:	
<p>To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.</p>	
PATHWAYS TO:	
<p>Students, who are interested in this Unit, must be willing to participate in both the practical and theoretical aspects of the course in order to best prepare for VCE Physical Education.</p>	

HUMANITIES

TITLE:	SOCIOLOGY/LEGAL STUDIES- Society, Crime and Law.
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Elective
CONTACT PERSON:	Ms Alex Hardisty or Ms Amber Spicer
COURSE AIMS:	
<p>Society, Crime & the Law aims to provide an integrated Legal Studies and Sociology unit that focuses on the study of human behaviour, understanding how societies are organised to create social cohesion, and what happens when laws are broken. The unit attempts to objectively examine issues such as creating laws, and what happens to the people who break them.</p> <p>Students learn about, and apply their sociological thinking by questioning assumptions and reflecting on their understandings and ideas about society. They gather and use sources of evidence to support social theories, conducting research, surveys and interviewing participants in an attempt to achieve objective observation, collection and analysis of data.</p>	
COURSE CONTENT:	
Sociological Thinking	
<ul style="list-style-type: none"> • What is sociology? • Famous sociologists and their theories • Areas of sociological research • Sociology in action- how sociological research is conducted 	
Social Cohesion	
<ul style="list-style-type: none"> • Understanding the creation and impact of laws on our lives • Evaluating how changes in society result in the need to change laws • Analyse how media, politics and citizens can influence changes in the law 	
PATHWAYS TO:	
VCE Sociology Unit 1 and 2, VCE Legal Students Unit 1 and 2, VCE Global Politics Unit 1 and 2	

TITLE:	HUMANITIES CHANGING THE WORLD (HISTORY, GEOGRAPHY)
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Alex Hardisty, Ms Amber Spicer
COURSE AIMS:	
<p>The unit aims to provide an overview of the modern world with an emphasis on Australia in its global context. Students examine the causes and conditions that led to the fight for rights and freedoms in Australia and the United States. They investigate the waves of migration to Australia and the resulting effects on society. Students develop historical concepts and skills such as: sequencing chronology, using historical sources as evidence, identifying continuity and change, analysing causes and effect and determining historical significance.</p>	
COURSE CONTENT:	
<p>Rights and Freedoms</p> <ul style="list-style-type: none"> • The emergence of human rights on a global scale via the United Nations • Causes of the struggle for rights and freedoms • The struggles of human rights in Australia and the US <p>Migration Experience</p> <ul style="list-style-type: none"> • Investigating waves of migration • Causes of migration, public response and government policy • Case Study: WW2 and Migration • Case Study: Vietnamese Migration 	
PATHWAYS TO:	
VCE History Unit 1 and 2, VCE Global Politics Unit 1 and 2	

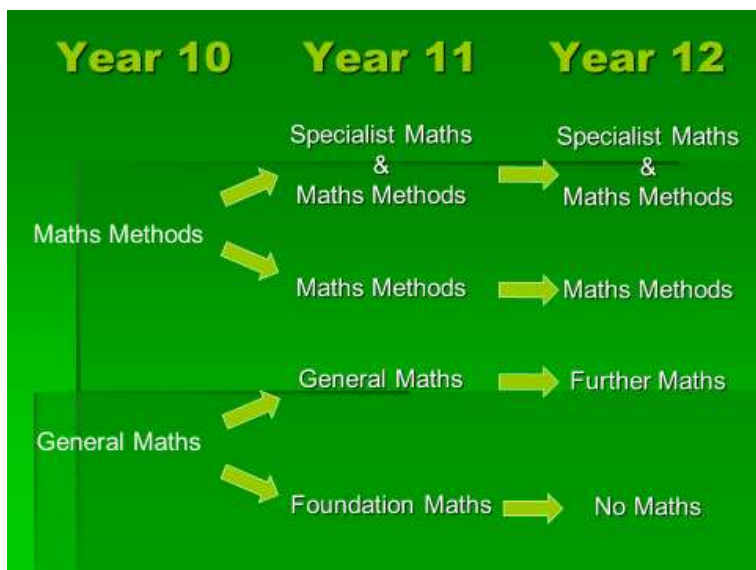
TITLE:	ECONOMICS & BUSINESS- Show Me the Money!
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Elective
CONTACT PERSON:	Ms Alex Hardisty, Ms Amber Spicer
COURSE AIMS:	
<p>This unit explores participants in the economy, and their role in the measuring the economy. Students assess risks and rewards of potential investments in the Australian stock market and apply their findings using cost-benefit analysis. They investigate how to start a business, and the strategies they employ to create a competitive advantage. Students use contemporary case studies to evaluate the decision making and success of different entrepreneurs and their businesses.</p>	
COURSE CONTENT:	
Investing in the Economy	
<ul style="list-style-type: none"> • Understanding economic participants • Investigating how we measure the economy • Assessing the risks and rewards of financial choices 	
Business Environment	
<ul style="list-style-type: none"> • Understanding how to start a business • Exploring how businesses create competitive advantage • Analysing a business case study 	
PATHWAYS TO:	
Business Management Unit 1-4	

LANGUAGES

TITLE:	INDONESIAN (half a year only)
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Jenni Claridge. Ms Jodie Scarlett, Ms Cheryl Richter
COURSE AIMS:	
Language and culture are studied in this subject. Emphasis will be on equipping students with communication skills and development of vocabulary as well as an understanding of the culture of our closest neighbour.	
COURSE CONTENT:	
Students will learn and extend their language skills covering the following topics:	
<ul style="list-style-type: none"> • Celebrations and ceremonies of Indonesia • Indonesian etiquette • Education & exchange student programs 	
Assessment comprises equally of Language (Speaking, Listening, Reading and Writing) and Cultural Awareness	
PATHWAYS TO:	
This unit is designed for students to conclude their language studies after one semester in Year 10. This unit does not lead to VCE study. Students are required to complete Indonesian Extension if they wish to keep continuing with their studies.	

TITLE:	INDONESIAN – EXTENSION (full year)
UNIT OFFERED:	Both Semester 1 <u>AND</u> Semester 2
CORE / ELECTIVE:	Elective (this unit must be completed if continuing with Indonesian at VCE)
CONTACT PERSON:	Ms Jenny Claridge. Ms Jodie Scarlett, Ms Cheryl Richter
COURSE AIMS:	
<p>Bellarine Secondary College recognises that high achieving and motivated students clearly benefit from the opportunity to study a language at VCE. This subject will include the study of language and culture. Emphasis is on development of competence in all language skills in preparation for VCE study.</p>	
COURSE CONTENT: As per Indonesian (half a year) - SEE ABOVE.	
<p>In addition, students will learn and extend their language skills, covering the following topics :</p> <ul style="list-style-type: none"> • Village and City Life • Health & Indonesian health care programs <p>Assessment comprises equally of Language (Speaking, Listening, Reading and Writing) and Cultural Awareness</p>	
PATHWAYS TO:	
<p>Indonesian Extension leads to VCE Indonesian study. It is strongly advised that students anticipating undertaking the study of Indonesian in the VCE will have completed the 2 semesters of Indonesian through undertaking the Extension option.</p>	

Recommended Mathematics Pathways – Year 10 to Year 12:



TITLE:	10 MATHEMATICS GENERAL (full year)
UNIT OFFERED:	Semester 1 AND Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Josh Holt. Mr Tayler Wallis
COURSE AIMS:	
Students will continue to develop their skills in Mathematics and its application to the solving of problems. Students will be required to purchase a CAS TI-Nspire calculator, costing approximately \$250. This specific brand of calculator is required to successfully complete the course and will also be used in Year 11 and 12.	
COURSE CONTENT:	
<ul style="list-style-type: none"> • Number and algebra • Measurement • Geometry • Statistics • Probability 	
PATHWAYS TO:	
This unit is designed to prepare students for VCE General Mathematics in Year 11, which leads onto Further Mathematics in Year 12 or VCAL.	

TITLE:	10 MATHEMATICS METHODS (full year)
UNIT OFFERED:	Semester 1 AND Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Josh Holt, Mr Tayler Wallis
COURSE AIMS: Students will cover the same content as studied in Mathematics 10 but will also cover extended units in Number and Algebra, Measurement, Trigonometry, Statistics and Probability. Students will be required to purchase a CAS TI-Nspire calculator, costing approximately \$250. This specific brand of calculator is required to successfully complete the course and will also be used in Year 11 and 12.	
COURSE CONTENT: <ul style="list-style-type: none">• Number and algebra• Measurement• Geometry• Statistics• Probability	
PATHWAYS TO: This unit is designed to prepare students for VCE Mathematical Methods and Specialist Mathematics.	

TITLE:	CHEMISTRY FOR LIFE
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Senem Shamsili, Mr Scott McDonald
COURSE AIMS:	
To build knowledge and skills in Chemical and Biological Sciences in preparation for further studies within and beyond secondary schooling.	
COURSE CONTENT:	
Students gain a strong grounding for studies of Chemistry, as well as Biology, at VCE level by undertaking this unit. This unit introduces students to the Periodic Table and enables them to describe simple patterns in the arrangement of elements based on their knowledge of atomic structure and the formation of molecules and ions. Students study a range of inorganic and organic chemical reaction, various quantities in Chemistry, biofuels and pathways to new products, pathways to biomolecules such as fats, carbohydrates, proteins and enzymes.	
COST:	
To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.	
PATHWAYS TO:	
VCE Chemistry and Biology.	

TITLE:	ENGINEERING SCIENCE
UNIT OFFERED:	Semester 1 OR Semester 2
ELECTIVE:	Core
CONTACT PERSON:	Mr Andrew Grimshaw, Ms Senem Shamsili
COURSE AIMS:	
To build knowledge and skills in Physical Sciences in preparation for further studies within and beyond secondary schooling.	
COURSE CONTENT:	
Students gain a strong grounding for studies of Physics at VCE level by undertaking this unit. The unit introduces students to different concepts of Engineering. Students study forces, structural and material engineering as well as electricity and alternative energy.	
COST: To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.	
PATHWAYS TO:	
VCE Physics.	

TITLE:	Environmental Design and Engineering
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mrs Michelle Cassar-Smith
COURSE AIMS:	
To build knowledge and skills in Environmental and Physical Sciences in preparation for further studies within and beyond secondary schooling.	
COURSE CONTENT:	
Students gain a strong grounding for studies of Environmental Science at VCE level by undertaking this unit. This unit is an enquiry based elective on the theme of renewable energy engineering and sustainable house design. Students are introduced to this theme through the exploration of global warming. Excursions, experimental design and practicals are integral to this elective.	
COST:	
To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.	
PATHWAYS TO:	
VCE Environmental Science and Physics.	

TITLE:	FORENSIC SCIENCE
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Senem Shamsili, Mrs Michelle Cassar-Smith
COURSE AIMS:	
To build knowledge and skills in Biological, Chemical, Physical, and Psychological Sciences in preparation for further studies within and beyond secondary schooling.	
COURSE CONTENT:	
Students gain a strong grounding for studies of a variety of Sciences at VCE level by undertaking this unit. The unit introduces students to how Science is used to solve crimes. Students search for the evidence, gathering clues and investigating mysteries. They examine chromatography techniques, facial identification, finger prints, foot prints, genetic material, entomology, fabrics, fibres, handwriting analysis, ballistics, dental models and crash scenes. Students thus understand how materials and substances can be identified, what events have taken place and who is involved, leading to the discovery of the perpetrators.	
COST:	
To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.	
PATHWAYS TO:	
VCE Biology, Chemistry, Physics and Psychology.	

TITLE:	GENETICS AND EVOLUTION
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr James Green, Mrs Michelle Cassar-Smith
COURSE AIMS:	
To build knowledge and skills in Environmental and Biological Sciences in preparation for further studies within and beyond secondary schooling.	
COURSE CONTENT:	
Students gain a strong grounding for studies of Biology, as well as Chemistry, at VCE level by undertaking this unit. The unit introduces students to the Big Bang Theory, Evolution and Genetics. Students study the structure and role of DNA in determining life processes and the genetic basis of inheritance. Students will use the genetic language and explore Mendelian genetics to identify traits in human pedigrees and to predict the outcome of crosses in plants and animals. They will also look at Darwin's theory of natural selection as evidence for evolution, and gain and understanding of the techniques and uses of Biotechnology.	
COST:	
To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.	
PATHWAYS TO:	
VCE Biology and Chemistry.	

TITLE:	MIND AND BODY
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mrs Michelle Cassar-Smith
COURSE AIMS:	
To build knowledge and skills in Biological and Psychological Sciences in preparation for further studies within and beyond secondary schooling.	
COURSE CONTENT:	
Students gain a strong grounding for studies of Biology and Psychology at VCE level by undertaking this unit. The unit introduces students to basic anatomy and physiology of mammals and human Psychology. Students study various body systems in mammals, reflexes, senses, the body's response to exercise, simple behaviour of animals and psychological development of humans.	
COST:	
To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.	
PATHWAYS TO:	
VCE Biology and Psychology.	

TITLE:	MARINE SCIENCE
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr James Green
COURSE AIMS:	
To build knowledge and skills in Environmental and Biological Sciences in preparation for further studies within and beyond secondary schooling.	
COURSE CONTENT:	
Students gain a strong grounding for studies of Environmental Science, as well as Biology, at VCE level by undertaking this unit. The unit introduces students to evolution in the marine environment. Students study the factors that affect local and global marine environments and relate these to the organism that live here. They research the marine ecosystems via a series of dissections and a practical field trip snorkelling around Port Phillip Heads; use modelling techniques to study the Science of shipping; examine SCUBA equipment and the Science that surrounds staying at depth and undertake a series of sampling experiments.	
COST:	
To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.	
PATHWAYS TO:	
VCE Environmental Science and Biology.	

TECHNOLOGY

TECHNOLOGY DESIGN

TITLE:	AGRICULTURE & HORTICULTURE
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Annie Flood
COURSE AIMS:	
<p>This elective is designed to:</p> <ul style="list-style-type: none"> • Introduce students to agriculture and its importance to society. • Identify products produced by agriculture and horticulture and how those products are marketed • Explain the impact of location and climate on agricultural production • Allow students to set up and run a small business 	
COURSE CONTENT:	
<p>Students undertake an enterprise in which they are to design, investigate and produce an agricultural or horticultural product intended for sale at the end of the unit. The enterprise may focus either on the growing of fruit, vegetable or herb crops, the keeping of chickens for egg production or the growing of other domestic farm animals. Theory will look at a range of agriculture products, locations of agricultural production and marketing of those products.</p>	
PATHWAYS TO:	
<p>VCE Agriculture</p> <p>VET Horticulture, Viticulture and Aquaculture</p>	

TITLE:	Materials - FASHION AND FIBRE
UNIT OFFERED:	Semester 1 OR Semester 2
CORE/ELECTIVE:	Core
CONTACT PERSON:	Mrs Lynsey Roos
COURSE AIMS:	
<ul style="list-style-type: none"> • To introduce students to the varied applications of fibres and fabrics when creating Fashion Garments and accessories, Free Form decorative pieces and Manchester. • To explain how specific characteristics of materials and particular processes affect functional and aesthetic design requirements. • To prepare a design option that specifies materials and techniques with consideration for functional, aesthetic and environmental requirements. • To implement the design using the appropriate techniques and equipment. 	
COURSE CONTENT:	
Students will:	
<ul style="list-style-type: none"> • Build up a folio of designs, related swatches, varied machine sewing and fibre art samples and a variety of embellishment techniques. • Learn basic pattern drafting which will be used to design and make a simple production. • Design and produce products from a range of design brief options. • Investigate the effects of the manufacture of textile products on the environment and the economic value of such work. • Explore various art styles for inspiration • Research the Fashion and Textile industry and a designer of their own choice • Learn to review their own work and make improvements when required. 	
PATHWAYS TO:	
VCE Product Design and Technology – Textiles	
VET Design Fundamentals	

TITLE:	MATERIALS - FOODS
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mrs M Chaplin
COURSE AIMS:	
<ul style="list-style-type: none"> • This course aims to introduce students to a wide variety of processes, taste sensations, methods and terminology. • To provide students with a broad knowledge of nutrition and the role food has in everyday life. • The course examines the food we eat and its impact on the environment. 	
COURSE CONTENT:	
<p>In this unit students are introduced to the challenges and delights of working with food.</p> <ul style="list-style-type: none"> • Investigate the requirements of healthy and safe food handling. • Examine the nutritional needs of people and the content of food. They will be provided with the opportunity to prepare suitable dishes for each topic. • Use design briefs to investigate, produce and evaluate their cooking experiences. • Examine how sustainable food practices enhance the environment. 	
PATHWAYS TO:	
VCE Food and Technology	
VCAL Hospitality	
VET Hospitality	
TAFE Cert I, II, III Hospitality, Food Processing of Commercial Cookery	

TITLE:	MATERIALS – FOODS, CAFÉ FARE
UNIT OFFERED:	Semester 1 OR 2 Semester
CORE / ELECTIVE:	Core
CONTACT PERSON:	Ms Lynsey Roos & Mrs M Chaplin
COURSE AIMS:	
<ul style="list-style-type: none"> • To develop an understanding of Food Safety practices, preparation and presentation in the context of the hospitality industry. • To develop skills in the use of a range of cooking techniques, ingredients and processes • To Introduce students to Coffee Making and Barista Skills • To develop skills in Food photography 	
COURSE CONTENT:	
<p>In Café Fare students investigate and make judgements on how the principles of food safety, preparation, presentation and sensory perceptions influence the creation of healthy foods. They explore the characteristics and properties of food, food selection and preparation and contemporary food issues.</p> <p>In the practical area of the unit, students prepare and present foods using a range of techniques to ensure optimum flavour, texture, and visual appeal. Food photography and digital technologies are utilised to record practical outcomes.</p>	
PATHWAYS TO:	
VCE Food and Technology	
VCAL Hospitality	
VET Hospitality	

TITLE:	MATERIALS - METAL
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Mark Duncan
COURSE AIMS:	
<ul style="list-style-type: none"> • To explain how specific characteristics of materials and particular processes affect functional and aesthetic design requirements. • To prepare a design option that specifies materials and techniques with consideration for functional, aesthetic and environmental requirements. • To implement the design using the appropriate techniques and equipment with precision and safety. 	
COURSE CONTENT:	
<p>Students studying this subject will investigate the methods of joining, cutting, and polishing various metals. Students will also study the safe use of the welding principles, CNC plasma design and metal lathe operations. Due to the nature of this subject long hair needs to be tied back; before operating any type of machinery. Each student is required to complete three core practical models, three written assignments and complete a theory exam at the end of the semester. Where students demonstrate an aptitude for this subject an extension model of their choice is offered.</p>	
PATHWAYS TO:	
<p>VCAL Certificate II in Engineering</p> <p>VET Engineering – Certificate 2 & Product Design Technology</p>	

TITLE:	SYSTEMS – TECHNOLOGY & DESIGN [Formerly Robotics]
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSONS:	Mr Paul Hooper
COURSE AIMS:	
<p>This subject covers areas of technology such as Electronics and Robotics. It aims to give students an introduction to the fields of electro technology, computronics and mechatronics.</p>	
COURSE CONTENT:	
<p>Students learn skills in various areas of robotic and electro-technology. Skills from previous years are built upon using advanced Lego robots (NXT) in order to complete a series of challenges such as climbing poles, avoiding obstacles and remote control.</p> <p>Students also have the option of building a robot vehicle from the microprocessor chip up. This will involve the computer design and etching of a number of printed circuit boards, development of sensors, and the use of sophisticated test equipment. The vehicle can then be programmed to complete the chosen task.</p> <p>Students also have the opportunity to disassemble a Nitro Powered Remote Control Car, documenting the various mechanical and electronic systems on the way. After assembling the car they will use their knowledge to trouble-shoot problems and return the car to working condition.</p> <p>In addition students conduct research into emerging robotics technologies, and the ethics of using robots in a military context.</p>	
PATHWAYS TO:	
VCE Systems Engineering Units 1-4.	

TITLE:	Design Technology: WOOD
UNIT OFFERED:	Semester 1 OR Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Nathan Maultby
COURSE AIMS:	
<ul style="list-style-type: none"> • To explain how specific characteristics of materials and particular processes affect functional and aesthetic design requirements. • To prepare a design option that specifies materials and techniques with consideration of the Product Design Factors • To implement the design using the appropriate techniques and equipment with precision and safety. 	
COURSE CONTENT:	
<ul style="list-style-type: none"> • This Course is a basic requirement of Design and Technology Wood Units 1-4. • Students will develop an understanding of the process through the design, planning, production and evaluation of their product. They will use a range of tools and equipment to enhance their skills and develop a sound knowledge of safe work practices. • All students will complete a folio to support and confirm their practical knowledge of the design process. 	
PATHWAYS TO:	
VCE Product Design and Technology	
VET Building and Construction.	
VCAL Building and Construction	

TITLE:	VET: Certificate II in Building and Construction Pre-apprenticeship (Carpentry)
UNIT OFFERED:	Semester 2
CORE / ELECTIVE:	Elective
CONTACT PERSON:	Mr Nathan Maultby
COURSE AIMS:	
<ul style="list-style-type: none"> • To introduce students to Building and Construction by undertaking two units of competency from the Certificate II in Building and Construction. • To provide participants with the skills and knowledge to identify and safely handle carpentry hand and power tools and plant and equipment. It includes the ability to plan for, prepare and handle tools and equipment, clean up after use, and report on faulty tools and equipment. • Investigate and make judgements on how the characteristics and properties of materials, systems, components, tools and equipment can be combined to create designed solutions (Vic Curriculum) • Work flexibly to safely test, select, justify and use appropriate technologies and processes to make designed solutions (Vic Curriculum) 	
COURSE CONTENT:	
Two modules of the Certificate II in Building and Construction Pre-apprenticeship Pathway	
<ul style="list-style-type: none"> • VU22022 Identify and Handle Carpentry Hand Tools (part completion) • VU22023 Perform Basic Setting Out (completion) 	
PATHWAYS TO:	
VET General Construction.	
VCAL Building and Construction	
VCAL Carpentry	

TECHNOLOGY DIGITAL

TITLE:	DIGITAL - COMPUTING
UNIT OFFERED:	Semester 1 <u>OR</u> Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Neil Bruckner
COURSE AIMS: This subject is aimed at extending the student's computer and software skill. The subject will cater for all students of varying standards of skills knowledge and look at many different software types.	
COURSE CONTENT: Students will be expected to work with a wide range of software including: <ul style="list-style-type: none">• Programming• Web Design• Spreadsheets• Databases	
PATHWAYS TO: VCE Applied Computing VCE Data Analytics VCE Software Development VCE VET Information, Digital Media and Technology.	

TITLE:	DIGITAL – LIVING IN A DIGITAL WORLD
UNIT OFFERED:	Semester 1 <u>OR</u> Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Neil Bruckner
COURSE AIMS:	
This course aims to introduce students to the wide range of digital systems and the use of data and information.	
COURSE CONTENT:	
There has been an explosion in data around the globe as the use of the internet and digital technologies has become embedded in our lives. Students will use this data to create graphic solutions and present visual thinking using software tools. They will also investigate the capabilities of digital systems and networks, including the hardware and software components required.	
PATHWAYS TO:	
VCE Applied Computing	
VCE Data Analytics	
VCE Software Development	
VCE VET Information, Digital Media and Technology.	

TITLE:	DIGITAL – PROGRAMMING AND GAME DESIGN
UNIT OFFERED:	Semester 1 <u>OR</u> Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Neil Bruckner
COURSE AIMS:	
This subject is aimed at introducing students to programming, animation and game development. The subject will cater for students of varying standards of skills knowledge and look at a range of appropriate software.	
COURSE CONTENT:	
Students will be introduced to:	
<ul style="list-style-type: none"> • Programming • Design • Development • Testing 	
Students will use game making software to design and develop their own game.	
PATHWAYS TO:	
VCE Applied Computing	
VCE Data Analytics	
VCE Software Development	
VCE VET Information, Digital Media and Technology.	

TITLE:	DIGITAL – VET IDMT
UNIT OFFERED:	Semester 1 <u>AND</u> Semester 2
CORE / ELECTIVE:	Core
CONTACT PERSON:	Mr Neil Bruckner
COURSE AIMS:	
This course provides students with a basic understanding of computer hardware and software. VET IDMT gives students an opportunity to build and dismantle computers in a safe environment.	
COURSE CONTENT:	
Students will be expected to troubleshoot, repair and maintain computers while working in a team environment. This subject provides a good foundation for those wanting to work in an IT environment. The following modules will be covered:	
<ul style="list-style-type: none"> • Operate Application Software Packages • Work and Communicate Effectively in an IT Environment • Produce Digital Images for the Web • Run Standard Diagnostics Tests • Participate Effectively in OH&S Communication and Consultative Processes 	
PATHWAYS TO:	
VCE Applied Computing	
VCE Data Analytics	
VCE Software Development	
VCE VET Information, Digital Media and Technology.	

TITLE: **READY, SET, WORK (Full Year)**

UNIT OFFERED: **Both Semester 1 AND Semester 2 (Two Units)**

CORE / ELECTIVE: **Core**

CONTACT PERSON: **Ms Lisa Brown**

COURSE AIMS:

The aim of this course is to provide students with an applied learning program that develops student's employability skills as students learn about and practice their skills in practical sessions in the vineyard. Students learn about careers, pathways for further training, they explore School Based Apprenticeships and Traineeships opportunities through work experience with community organisations.

COURSE CONTENT:

Participate Effectively in OH&S Communication and Consultative Processes

- Work Ready: Developing and understanding employability skills, similarities with a Personal Development Class.
- O.H.S – General and industry specific. Includes White Card training
- Hands on Project: Participation in on-going, hands- on project
- Exploring career pathways and emerging careers
- Workplace Stories: Guest speakers sharing workplace experience

PATHWAYS TO:

This class is a pathway into VCAL, VCE and the workforce. Students choose a future pathway based on their chosen career.