Year 10
PROSPECTUS
2017

BELLARINE
SECONDARY COLLEGE
### CONTENTS

<table>
<thead>
<tr>
<th>Introduction / Essential Levies</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timeline / Course Selection Online</td>
<td>4</td>
</tr>
<tr>
<td>Curriculum Structure 2017</td>
<td>5 – 6</td>
</tr>
<tr>
<td>Year 10 Accelerated Learning 2017</td>
<td>7</td>
</tr>
</tbody>
</table>

#### DISCIPLINE BASED LEARNING AREA:

##### Arts

**Visual:**
- Ceramics & 3D Art*
- Media
- Visual Art *
- Visual Communication Design

##### Performing:
- Drama
- Music

##### English

11

##### Health and Physical Education

- Health and Physical Education
- Health and Human Development
- Outdoor Education One*
- Outdoor Education Two *
- Physical Education Extension*

##### Humanities

- History
- Humanities Changing the World (History, Geography)
- Justice, Money and Markets

##### Languages (French and Indonesian)

- French (half year)
- French – Extension (full year)
- Indonesian (half year)
- Indonesian – Extension (full year)

##### Mathematics

- Pathways Year 10 – VCE/VCAL
- 10 Foundation Mathematics (full year)
- 10 Mathematics General (full year)
- 10 Mathematics Methods (full year)

##### Science

- Chemistry For Life*
- Engineering Science*
- Forensic Science *
- Just Genes*
- Mind and Body*
- Marine Science *

##### Technology

**Design:**
- Agriculture and Horticulture*
- Materials – Fashion and Fibre
- Materials – Foods*
- Materials- Foods Café Fare*
- Materials Metal*
- Materials – Wood*
- Systems- Design and Technology (Robotics)

**Digital:**
- Digital - Computing
- Digital – Living in a Digital World
- Digital – Programming and Game Design
- Digital – VET ICT
- Ready Set Work (Full year unit)
**Essential Levies**

Students and parents need to consider the costs associated with some units, which must be met if the student is to remain enrolled in the unit. 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 2016 over and above the Essential College Levy but, as levies are yet to be finalised for 2017, please refer to the levy sheets which will be distributed in Term 4. If you would like a copy of the 2016 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.

---

**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 Discipline Based Learning Areas (DBA’s)

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

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

**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 by an interview with the student, their parent/guardian and a course counsellor. Later in the year there will be an opportunity for parents/guardians to sign off on course selection or attend a further interview if required.

**Core Units**

All students must study English and Mathematics during each semester. Of the remaining 6 Discipline Based Learning Area’s, students may choose to exclude 2 DBAs when selecting their core subjects. However, it is important that preferred future VCE subject choices and career pathways are not jeopardised by the choices made in Year 10.

**Elective Units**

Students will choose additional or elective units according to their special interests. All students wanting to select elective units in the DBAs of Science, HAPE, Humanities or Languages must elect the core unit as a co-requisite. For example, a student who wants to study ‘Physical Education Extension’ in HAPE must also take the core unit of ‘Physical Education’. A student is not allowed to do more than three units within one DBA.

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 2017 – Later Years (VCE), on page 7 of this prospectus.
Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday 19th July</td>
<td>2017 Year 10 &amp; 11 Information Evening 7pm @ Drysdale Campus (including SEAL)</td>
</tr>
<tr>
<td>Wednesday 27th July</td>
<td>Pathway &amp; Course Counselling Session Year 10 2017 CURRENT YEAR 9 STUDENT FREE DAY (Students expected to attend appointment with parent/guardians) From 9am—6pm</td>
</tr>
<tr>
<td>November/December</td>
<td>Student/parent/guardians involved with course sign off.</td>
</tr>
</tbody>
</table>

When making course selections for next year, students should gather information from a variety of sources including their current teachers, the Careers Teacher Mr Karl Mahr, Pathways Teacher Mrs Cheryl Linford, Discipline Based Learning Areas, parents/guardians and the Information Evening. In addition to this, it is compulsory that all students and their parents/guardians be involved in Course Counselling Sessions. These 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 Cheryl Linford, Pathways Co-ordinator and Karl Mahr, Careers Co-ordinator on 5251 9000.

COURSE SELECTION FOR THE 2017 SCHOOL YEAR WILL BE COMPLETED ONLINE AT THE COURSE COUNSELLING DAY. IT IS IMPORTANT THAT ALL STUDENTS AND THEIR PARENT/GUARDIANS ATTEND THIS INTERVIEW.
<table>
<thead>
<tr>
<th>Year</th>
<th>English</th>
<th>Maths</th>
<th>Science</th>
<th>Health &amp; Phys. Ed.</th>
<th>Humanities</th>
<th>Languages (French or Indonesian)</th>
<th>Arts</th>
<th>Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Mathematics 10 General</td>
<td>- Mathematics 10 Methods</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Core subjects in at least 6 Discipline Based Learning Areas - 5 periods per week for one semester

Electives – Students select 3 or 4 from these DBA’s - 5 periods per week for one semester

- 10 Foundation Mathematics
- Mathematics 10 General
- Mathematics 10 Methods
- Chemistry for Life - Engineering Science - Forensic Science - Just Genes - Mind and Body - Marine Science
- Health and Human Development - Outdoor Education One - Outdoor Education Two - Physical Education Extension
- Humanities Changing the World
- French Extension - Indonesian - Indonesian Extension
Second or third preference from above list

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
- VET ICT

Ready, Set, Work (full year)
<table>
<thead>
<tr>
<th>Year</th>
<th>English</th>
<th>Maths</th>
<th>Science</th>
<th>Health &amp; Physical Education</th>
<th>Humanities</th>
<th>Languages (French or Indonesian)</th>
<th>Arts</th>
<th>Technology</th>
<th>VET in Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCE 5 pds</td>
<td>Units 1 - 4 - English - Literature</td>
<td>Units 1 &amp; 2 - Foundation - General Maths - Maths Methods</td>
<td>Units 1 - 4 - Biology - Chemistry - Environmental Science - Physics - Psychology</td>
<td>Units 1 - 4 - Health &amp; Human Development</td>
<td>Units 1 - 4 - Business Management - History - Legal Studies</td>
<td>Unit 1 - 4 - French - Indonesian</td>
<td>Unit 1 - 4 - Art - Drama - Media - Studio Arts - Visual Communication Design</td>
<td>Units 1 - 4 - Agriculture &amp; Horticulture - Food and Technology - Product Design and Technology Textiles - Product Design and Technology Wood - Systems and Technology Electronics</td>
<td>Units 1 - 4 - Aged Care - Automotive - Business Administration (Medical) - Beauty - Building &amp; Construction - Children’s Services - Catering Operations - Dance - Education Support (Integration) - Electro technology - Engineering - Equine Industry - Hairdressing - ICT - Makeup - Media - Music - Outdoor Recreation - Plumbing</td>
</tr>
<tr>
<td></td>
<td>Units 1 - 4 - VCAL Numeracy</td>
<td>Units 1 - 4 - Further Maths - Maths Methods - Specialist Maths</td>
<td>Units 1 - 4 - VCAL Numeracy</td>
<td>Units 1 &amp; 2 Only - 20th Century History</td>
<td>Units 3 &amp; 4 - History Revolutions</td>
<td></td>
<td></td>
<td></td>
<td>*Please note VET courses are dependent on enrolment numbers</td>
</tr>
</tbody>
</table>
Accelerated Studies into VCE at Year 10

In recent years we have made some significant changes to the curriculum structure at Year 10 that will allow 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 Mrs Cheryl Linford at the Drysdale Campus.
- After initial discussions with teachers and parents, 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 or downloaded from the Bellarine Secondary College homepage.
- The ‘Later Years (VCE) Acceleration Application’ should be completed and signed by the parent/guardian, the student and the DBA leader and returned to Mrs Linford by no later than Wednesday 3rd August – late applications cannot be considered.
- The application will be considered by the Year 10 Acceleration Panel, chaired by Mrs Linford. 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 DBA at Year 10, plus one of their elective 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 2017. 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

<table>
<thead>
<tr>
<th>Title:</th>
<th>CERAMICS &amp; 3D ART</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core / Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Ms T Grace</td>
</tr>
</tbody>
</table>

**Course Aims:**
- 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:**
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.

<table>
<thead>
<tr>
<th>Title:</th>
<th>MEDIA ART</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core / Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Ms J Walsh</td>
</tr>
</tbody>
</table>

**Course Aims:**
- 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:**
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:**
This subject is designed to prepare students for VCE Media.
### VISUAL ART

**Unit Offered:** Semester 1 *OR* Semester 2  
**Core / Elective:** Core / Elective  
**Contact Person:** Mr J Wolter

| Course Aims: |  
| --- | --- |  
| • 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: |  
| --- | --- |  
| • Students develop and extend skills in the areas of illustration, painting, printing and mixed media. |  
| • Students complete art appreciation – projects on Impressionism, Cubism and modern art movements. | |

| Pathways to: |  
| --- | --- |  
| This unit will help prepare students for VCE Art and VCE Studio Art or VCAL Art & Design. | |
## PERFORMING ARTS

### DRAMA

<table>
<thead>
<tr>
<th>Title:</th>
<th>Drama</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core / Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Ms C Webster</td>
</tr>
</tbody>
</table>

**Course Aims:**
- Students will explore the differences between naturalism and non-naturalism.
- Students will learn how to work effectively in a group when devising and staging a performance.
- Students will learn to analyse their own performances.

**Course Content:**
1. **Explore and Express Ideas:** Students will explore Non-naturalism to improvise and create a non-naturalistic devised performance. Students will explore the conventions of Naturalism and naturalistic narrative structures to rehearse scripted drama.
2. **Drama Practices:** Students will practice, manipulate and refine the expressive skills to communicate ideas, characters and dramatic action.
3. **Present and Perform:** Students will perform devised and scripted drama to a selected audience.
4. **Respond and Interpret:** Students will analyse the work of others to enrich the drama practice.

**Pathways to:**
This unit is designed to prepare students for VCE Drama.

### MUSIC

<table>
<thead>
<tr>
<th>Title:</th>
<th>Music</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core / Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mr S McEwan</td>
</tr>
</tbody>
</table>

**Course Aims:**
- 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.

**Course Content:** Students will be required to complete:
- Theory tasks
- Listening – analysis, aural comprehension
- Performance – solo technical work and pieces / group performance
- History in styles in Music

**Pathways to:**
This unit will prepare students for VET Cert III Music and VCE Music.
<table>
<thead>
<tr>
<th>Title:</th>
<th>ENGLISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 AND Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Ms G Saunders</td>
</tr>
</tbody>
</table>

**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:**
- **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.
- **Writing:** Students engage in a range of formal and informal types of writing.
- **Speaking and Listening:** Students participate in discussion, debates, formal and informal talks and other speaking and listening opportunities.

**Pathways to:**
English is compulsory in VCE. In Units 3 and 4, Units can be made up from English or Literature.
### HEALTH AND PHYSICAL EDUCATION

<table>
<thead>
<tr>
<th>Title:</th>
<th>HEALTH AND PHYSICAL EDUCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core</td>
</tr>
<tr>
<td>Contact Persons:</td>
<td>Mrs V Wedding, Mrs T Finch, Mrs S Blackett, Mr A McIntosh, Mr S Hughes, Mr T Marshallsea</td>
</tr>
</tbody>
</table>

**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. Activities undertaken include:
- Badminton
- Netball
- Korfball
- Ultimate
- Fitness training methods
- Indoor hockey
- Soccer
- Flag football
- Golf, gymnastics
- Dance and minor games

Health topics include: Binge drinking/drink driving and mental health

**Pathways to:**
This unit will help prepare students for VCE Physical Education and Health and Human Development.

### HEALTH AND HUMAN DEVELOPMENT

<table>
<thead>
<tr>
<th>Title:</th>
<th>HEALTH AND HUMAN DEVELOPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Persons:</td>
<td>Mrs V Wedding, Mrs T Finch, Mrs M Chaplin</td>
</tr>
</tbody>
</table>

**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:**
- 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.
<table>
<thead>
<tr>
<th>Title:</th>
<th>OUTDOOR EDUCATION ONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Persons:</td>
<td>Mr A McIntosh, Mrs V Wedding, Mrs T Finch, Mr T Marshallsea, Mrs S Blackett, Mr S Hughes</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Title:</th>
<th>OUTDOOR EDUCATION TWO - SURF LIFE SAVING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Persons:</td>
<td>Mr A McIntosh, Mrs V Wedding, Mrs T Finch, Mr T Marshallsea, Mrs S Blackett, Mr S Hughes</td>
</tr>
</tbody>
</table>

**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.
<table>
<thead>
<tr>
<th>Title: PHYSICAL EDUCATION EXTENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered: Semester 1 <strong>OR</strong> Semester 2</td>
</tr>
<tr>
<td>Core / Elective: Elective</td>
</tr>
<tr>
<td>Contact Persons: Mrs V Wedding, Mrs T Finch</td>
</tr>
</tbody>
</table>

**Course Aims:**
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 and physical activity throughout lifespan.

**Course Content:**
Major and minor games, volleyball, indoor cricket, basketball, croquet, Gaelic football, table tennis, archery, soft lacrosse, body systems, ergonomic aids, and physical activity throughout the life span.

**Cost:**
To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.

**Pathways to:**
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.
**Title:** HISTORY- Australia After WW1  
**Unit Offered:** Semester 1 OR Semester 2  
**Core / Elective:** Core  
**Contact Person:** Mr R McLaren, Mr G Fowler

**Course Aims:**  
This unit aims to provide a broad overview of Australia and the role it plays in the Asia and Pacific region. Investigation of major events that impacted on Australia in the twentieth century. The move towards globalisation and policies that have resulted in changes to migration and economic policies will be reviewed.

**Course Content:**  
- World War II, War in the Pacific  
- Rights, Global and Migrants  
- Indigenous Australia  
- Migration  
- World Citizen

**Pathways to:**  
Business Management Unit 1-4, History Unit 1-4, Legal Studies Unit 1-4

---

**Title:** HUMANITIES CHANGING THE WORLD (HISTORY, GEOGRAPHY)  
**Unit Offered:** Semester One OR Semester 2  
**Core / Elective:** Elective  
**Contact Person:** Mr R McLaren, Mr G Fowler

**Course Aims:**  
The unit aims to provide an overview of the impact of events that occurred outside of Australia on Australian society. The role of Government together with other influential organisations will be researched to understand how change is made in societies. The environmental issues that are of concern in 2017 will be investigated and linked to development of sustainable policies.

**Course Content:**  
- United Nations, making a better world  
- Government Policy and impact with the increased globalisation of world trade  
- Sustainability; use of resources and maintenance of economics growth  
- Investigation of environmental change and management responses  
- Rights and Freedoms: USA Civil Rights and influence on Australia  
- Role of Government and Non-Government Organisations to bring change

**Pathways to:**  
Business Management Unit 1-4, History Unit 1-4, Legal Studies Unit 1-4
| Title: JUSTICE, MONEY & MARKETS  
| Unit Offered: Semester 1 OR Semester 2  
| Core / Elective: Core  
| Contact Person: Mr R McLaren, Mr G Fowler |

**Course Aims:**
This unit of work explores the roles of citizens, political parties and other bodies that form government policies and frame laws. They will describe key principles of the Australian Court system, ie; equality, independent judiciary and the right of appeal. With business, they will research business innovation and how a business seeks to create and maintain a competitive edge. Together with the changing nature of Australian business and work conditions and the implications of these changes for work into the future.

**Course Content:**
- Origins of the law
- Enforcements and punishment
- Legal bodies
- Personal finance
- Financial institutions. E.g. Australian Stock Exchange
- Small business operation

**Pathways to:**
Business Management Unit 1-4, History Unit 1-4, Legal Studies Unit 1-4
# LANGUAGES

<table>
<thead>
<tr>
<th>Title:</th>
<th>FRENCH (half a year only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mrs R O’Connor</td>
</tr>
</tbody>
</table>

**Course Aims:**
This French course aims to contribute to the overall education of students, particularly in the areas of communication, cross-cultural understanding, literacy and general knowledge. The ability to use and understand French also provides access for students to the rich and varied culture of francophone communities.

<table>
<thead>
<tr>
<th>Course Content:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Themes to be covered would include:</td>
</tr>
<tr>
<td>• Fashion</td>
</tr>
<tr>
<td>• Travelling in France</td>
</tr>
<tr>
<td>• French cinema</td>
</tr>
<tr>
<td>• Leisure</td>
</tr>
<tr>
<td>• Food</td>
</tr>
<tr>
<td>Assessment comprises equally of Language (Speaking, Listening, Reading and Writing) and Cultural Awareness.</td>
</tr>
</tbody>
</table>

**Pathways to:**
This unit is designed for students to conclude their language studies after one semester in Year 10.

---

<table>
<thead>
<tr>
<th>Title:</th>
<th>FRENCH - EXTENSION (full year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Both Semester 1 AND Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Elective (this unit must be completed if continuing with French at VCE)</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mrs R O’Connor</td>
</tr>
</tbody>
</table>

**Course Aims:**
This French course aims to contribute to the overall education of students, particularly in the areas of communication, cross-cultural understanding, literacy and general knowledge. The ability to use and understand French also provides access for students to the rich and varied culture of francophone communities.

<table>
<thead>
<tr>
<th>Course Content:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Themes and topics will include:</td>
</tr>
<tr>
<td>• Travel – to France and New Caledonia</td>
</tr>
<tr>
<td>• Shopping</td>
</tr>
<tr>
<td>• French Film Study</td>
</tr>
<tr>
<td>• Leisure</td>
</tr>
<tr>
<td>• Food</td>
</tr>
<tr>
<td>Assessment comprises equally of Language (Speaking, Listening, Reading and Writing) and Cultural Awareness.</td>
</tr>
</tbody>
</table>

**Pathways to:**
It is strongly advised that students anticipating undertaking the study of French in the VCE will have completed the 2 semesters of French Extension in Year 10.
Title: **INDONESIAN (half a year only)**
Unit Offered: Semester 1 OR Semester 2
Core / Elective: Core
Contact Person: Mrs C Richter, Ms L Brown

**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:
- 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.

---

Title: **INDONESIAN – EXTENSION (full year)**
Unit Offered: Both Semester 1 AND Semester 2
Core / Elective: Elective (this unit must be completed if continuing with Indonesian at VCE)
Contact Person: Mrs C Richter, Ms L Brown

**Course Aims:**
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.

**Course Content: As per Indonesian (half a year) - SEE ABOVE.**
In addition, students will learn and extend their language skills, covering the following topics:
- Village and City Life
- Health & Indonesian health care programs
Assessment comprises equally of Language (Speaking, Listening, Reading and Writing) and Cultural Awareness

**Pathways to:**
It is strongly advised that students anticipating undertaking the study of Indonesian in the VCE will have completed the 2 semesters of Indonesian Extension required.
MATHEMATICS

Recommended Mathematics Pathways – Year 10 to Year 12:

<table>
<thead>
<tr>
<th>Title:</th>
<th>10 FOUNDATION MATHEMATICS (full year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 AND Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mrs K Miles</td>
</tr>
</tbody>
</table>

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 standard scientific calculator.

Course Content:
- Measurement
- Linear Functions
- Trigonometry
- Statistics
- Consumer Mathematics

Pathways to:
This unit is designed to prepare students for Foundation Maths or VCAL Numeracy at Year 11.
## 10 MATHEMATICS GENERAL (full year)

<table>
<thead>
<tr>
<th>Title:</th>
<th>10 MATHEMATICS GENERAL (full year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 AND Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mrs K Miles</td>
</tr>
</tbody>
</table>

**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 $249.00. This specific brand of calculator is required to successfully complete the course and will also be used in Year 11 and 12.

**Course Content:**
- 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 Maths in Year 12 or VCAL.

## 10 MATHEMATICS METHODS (full year)

<table>
<thead>
<tr>
<th>Title:</th>
<th>10 MATHEMATICS METHODS (full year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 AND Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Core</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mrs K Miles</td>
</tr>
</tbody>
</table>

**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 $249.00. This specific brand of calculator is required to successfully complete the course and will also be used in Year 11 and 12.

**Course Content:**
- Number and algebra
- Measurement
- Geometry
- Statistics
- Probability

**Pathways to:**
This unit is designed to prepare students for VCE General Mathematics or VCE Maths Methods which leads on to Further Maths, Maths Methods or Specialist Maths in Year 12.
### SCIENCE

<table>
<thead>
<tr>
<th>Title: CHEMISTRY FOR LIFE</th>
<th>Unit Offered:</th>
<th>Semester 1 OR Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Ms S Shamsili or Mrs M Cassar-Smith</td>
<td></td>
</tr>
</tbody>
</table>

**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, the DNA structure, 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:**
Any further Sciences studies, especially VCE Chemistry and Biology.

<table>
<thead>
<tr>
<th>Title: ENGINEERING SCIENCE</th>
<th>Unit Offered:</th>
<th>Semester 1 OR Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective</td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mrs M Mutton or Mrs M Cassar-Smith</td>
<td></td>
</tr>
</tbody>
</table>

**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:**
Any further Science studies; especially VCE Physics.
**Title:** FORENSIC SCIENCE  
**Unit Offered:** Semester 1 OR Semester 2  
**Core / Elective:** Elective  
**Contact Person:** Ms S Shamsili or Mrs M 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:**
Any further Science studies; especially VCE Biology, Chemistry, Physics and Psychology.

---

**Title:** JUST GENES  
**Unit Offered:** Semester 1 OR Semester 2  
**Core / Elective:** Elective  
**Contact Person:** Mr S Benge or Mr J 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 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:**
Any further Science studies; especially VCE Biology and Chemistry.
<table>
<thead>
<tr>
<th>Title: BODY AND MIND</th>
<th>MARINE SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit Offered:</strong></td>
<td>Semester 1 <em>OR</em> Semester 2</td>
</tr>
<tr>
<td><strong>Core / Elective:</strong></td>
<td>Elective</td>
</tr>
<tr>
<td><strong>Contact Person:</strong></td>
<td>Mr J Green or Mrs M Cassar-Smith</td>
</tr>
<tr>
<td><strong>Course Aims:</strong></td>
<td>To build knowledge and skills in Biological and Psychological Sciences in preparation for further studies within and beyond secondary schooling.</td>
</tr>
<tr>
<td><strong>Course Content:</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Cost:</strong></td>
<td>To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.</td>
</tr>
<tr>
<td><strong>Pathways to:</strong></td>
<td>Any further Science studies; especially VCE Biology and Psychology.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Title:</strong> MARINE SCIENCE</th>
<th><strong>Unit Offered:</strong> Semester 1 <em>OR</em> Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core / Elective:</strong></td>
<td>Elective</td>
</tr>
<tr>
<td><strong>Contact Person:</strong></td>
<td>Mr S Benge or Mr J Green</td>
</tr>
<tr>
<td><strong>Course Aims:</strong></td>
<td>To build knowledge and skills in Environmental and Biological Sciences in preparation for further studies within and beyond secondary schooling.</td>
</tr>
<tr>
<td><strong>Course Content:</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Cost:</strong></td>
<td>To assist parents / guardians with planning there will be an essential levy for this subject to cover excursions/incursions.</td>
</tr>
<tr>
<td><strong>Pathways to:</strong></td>
<td>Any further Science studies; especially VCE Environmental Science and Biology.</td>
</tr>
</tbody>
</table>
## TECHNOLOGY

### TECHNOLOGY DESIGN

<table>
<thead>
<tr>
<th>Title: AGRICULTURE &amp; HORTICULTURE</th>
<th>Unit Offered: Semester 1 OR Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Ms L Hearn</td>
</tr>
</tbody>
</table>

**Course Aims:**
This elective is designed to introduce students to horticultural and investigating a range of agricultural industries practices through the growing of plants.

**Course Content:**
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.

**Pathways to:**
- VCE Agriculture
- VET Horticulture, Viticulture and Aquaculture

<table>
<thead>
<tr>
<th>Title: Materials - FASHION AND FIBRE</th>
<th>Unit Offered: Semester 1 OR Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core/Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mrs J Guy</td>
</tr>
</tbody>
</table>

**Course Aims:**
- 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:
- 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 Clothing
| Title: MATERIALS - FOODS | Unit Offered: Semester 1 OR Semester 2  
Core / Elective: Elective  
Contact Person: Mrs J Guy |
|---|---|---|
| Course Aims:  
- 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:  
In this unit students are introduced to the challenges and delights of working with food.  
- 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: Elective  
Contact Person: Mrs J Guy |
|---|---|---|
| Course Aims:  
- This course examines all aspects of the hospitality industry, including current practices and roles  
- Students will develop skills and knowledge in the area of food handling, selection, storage, presentation and food service. |
| Course Content:  
Welcome to the exciting world of hospitality and the opportunity to prepare a variety of food. Café food is comforting and tasty, familiar and welcoming. This course will prepare students for positions in the hospitality industry or is ideal for those with an interest in entertaining.  
Students will use theory sessions to:  
- Investigate menu planning, technological changes and current practices in the food industry.  
- Produce a range of dishes demonstrating safe and correct procedures  
- Be taught the basic operations of running a café, including food preparation, occupational health and safety guidelines and food service. |
| Pathways to: VCE Food and Technology  
VCAL Hospitality  
VET Hospitality |
<table>
<thead>
<tr>
<th>Title: MATERIALS - METAL</th>
<th>Semester 1 OR Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mr M Duncan</td>
</tr>
</tbody>
</table>

**Course Aims:**
- 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:**
Students studying this subject will investigate the methods of joining, cutting, and polishing of metals. Students will also study the safe use of the mig welder, plasma cutter and metal lathe while in metal fabrication. Long hair needs to be tied back; a hair net or a cap must be worn before operating machinery. Each student is required to complete three core practical models, two written assignments and complete a practical and theory exam at the end of the semester. Where students demonstrate an aptitude for this subject an extension model of their choice is offered.

**Pathways to:**
- VCAL Certificate II in Engineering

---

<table>
<thead>
<tr>
<th>Title: MATERIALS – WOOD</th>
<th>Semester 1 OR Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mr B Fairfield</td>
</tr>
</tbody>
</table>

**Course Aims:**
- 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:**
- This Course is a basic requirement of furniture design and construction. Students will use a Design Brief to construct a piece of furniture for use in their house.
- 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 written assignment to support and confirm their practical knowledge.

**Pathways to:**
- VCE Product Design and Technology
- VET General Construction.
- VCAL Building and Construction
- VCAL Carpentry
### TECHNOLOGY

#### TECHNOLOGY DIGITAL

<table>
<thead>
<tr>
<th>Title: DIGITAL - COMPUTING</th>
<th>Systems - Technology &amp; Design [Formerly Robotics]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mr N Bruckner</td>
</tr>
</tbody>
</table>

**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:
- Programming
- Web Design
- Spreadsheets
- Databases

**Pathways to:**
- VCE Computing
- VCE Informatics
- VCE Software Development
- VCE VET Information and Communications Technology.

---

### SYSTEMS – TECHNOLOGY & DESIGN

<table>
<thead>
<tr>
<th>Title: SYSTEMS – TECHNOLOGY &amp; DESIGN</th>
<th>Formerly Robotics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mr B Fairfield</td>
</tr>
</tbody>
</table>

**Course Aims:**
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.

**Course Content:**
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.

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.

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.

In addition students conduct research into emerging robotics technologies, and the ethics of using robots in a military context.

**Pathways to:**
- VCE Systems Engineering Units 1-4.

---
<table>
<thead>
<tr>
<th>Title:</th>
<th>DIGITAL – LIVING IN A DIGITAL WORLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mr N Bruckner</td>
</tr>
</tbody>
</table>

**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 Computing
- VCE Informatics
- VCE Software Development
- VCE VET Information and Communications Technology.

<table>
<thead>
<tr>
<th>Title:</th>
<th>DIGITAL – PROGRAMMING AND GAME DESIGN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Offered:</td>
<td>Semester 1 OR Semester 2</td>
</tr>
<tr>
<td>Core / Elective:</td>
<td>Elective</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Mr N Bruckner</td>
</tr>
</tbody>
</table>

**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:
- Basic Programming
- Design
- Development
- Testing
Students will use game making software to design and develop their own game.

**Pathways to:**
- VCE Computing
- VCE Informatics
- VCE Software Development
- VCE VET Information and Communications Technology.
<table>
<thead>
<tr>
<th><strong>Title:</strong> DIGITAL – VET ICT</th>
<th><strong>Unit Offered:</strong> Semester 1 AND Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core / Elective:</strong></td>
<td><em>Elective</em></td>
</tr>
<tr>
<td><strong>Contact Person:</strong></td>
<td>Mr N Bruckner</td>
</tr>
</tbody>
</table>

**Course Aims:**
This course provides students with a basic understanding of computer hardware and software. VET ICT 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:
- 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 Computing
- VCE Informatics
- VCE Software Development
- VCE VET Information and Communications Technology.

<table>
<thead>
<tr>
<th><strong>Title:</strong> READY, SET, WORK (Full Year)</th>
<th><strong>Unit Offered:</strong> Both Semester 1 AND Semester 2 (Two Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core / Elective:</strong></td>
<td><em>Elective</em></td>
</tr>
<tr>
<td><strong>Contact Person:</strong></td>
<td>Mr B Fairfield OR Ms Lisa Brown</td>
</tr>
</tbody>
</table>

**Course Aims:**
The aim of this course is to provide students with an applied learning program that develops student’s employability skills and experience in preparing them for the workforce. This program is designed as a pathway into VCAL. Students who are successful in completing the outcomes of this class would be assured of a place in the VCAL program.

**Course Content:**
- **Work Ready:** Developing and understanding employability skills, similarities with a Personal Development Class.
- **Fit to work:** Developing health and fitness to prepare for the workforce.
- **Hands on Project:** Participation in on-going, hands-on project.
- **IT:** Building students understanding of basic computer software.
- **Workplace Stories:** Guest speakers sharing workplace experience

**Pathways to:**
This class is a pathway into VCAL and the workforce. **Students who would like the opportunity to complete VCE should not select Ready, Set, Work**