What's in this book?

3 HOW TO USE THIS BOOK
- A brief overview of the layout of this student handbook

4 SO WHO’S GOING TO HELP ME?
- A detailed list of all the people, books and computer programs that can help you to make your subject choices

5 TAKE SOME ADVICE
- General advice from the Head of Senior Sub school

6-8 SENIOR SCHOOL PROGRAMS
- Looks at Yr 10, 11 & 12 programs

9 THE ABC OF THE VCE
- An explanation of the general rules that must be met in order to gain your VCE

10 WHAT DOES THAT MEAN?
- A glossary of abbreviations used in the handbook

11 & 12 VOCATIONAL PATHWAYS WITHIN THE VCE
- A brief overview of the Vocational Programs available through Rosebud Secondary College

13 & 14 SOME ALTERNATIVES
- A detailed look at some of the alternative ways the VCE can be completed at Rosebud Secondary College

15 GOING ON TO HIGHER EDUCATION
- Some advice about VCE Study Scores and the ATAR

16 UNIVERSITY OR TAFE?
- Information on Prerequisite studies and the GAT

17 SUBJECTS OFFERED IN YEAR 10
- A list of Year 10 Subjects

18 VCE SUBJECTS ON OFFER TO YEAR 10
- Recommended subjects for Year 10 students to consider

19 & 20 SO WHAT’S ON OFFER IN THE VCE?
- A list of all the subjects that you are able to choose from in order to make up your VCE program

21 VCE PRELIMINARY GUIDE
- To be used as a draft page for choosing your VCE course

Mauve Section
VCAL

Green Section
PATHWAYS
- Suggested pathways through the VCE

White Section
SUBJECT DESCRIPTIONS
- Brief details of the subjects available at Rosebud Secondary College
How do I use this book?

The first thing you need to do is pull up a comfortable chair, make yourself a cuppa, and begin reading your Course Selection Handbook. The Course Selection Handbook is divided into two sections:

1. **General Information** and
2. **Subject Descriptions**

**GENERAL INFORMATION**

The first section of the handbook contains information about the process you should follow when selecting your Senior School subjects. The Senior School at Rosebud Secondary College consists of students in Years 10, 11 and 12. As a result, this handbook should be used by current Year 9, 10 and 11 students wishing to choose a course of study for next year. The handbook has been colour coded to assist you in finding the relevant sections:

- **Cream:** Important General Information
- **White:** Subject Descriptions
- **Green:** Subject Pathways
- **Mauve:** VCAL
- **Blue:** Year 10 Program Selection Sheet (*loose*)
- **Pink:** Year 11/12 VCE Program Selection Sheet (*loose*)
- **Green:** VCAL Expression of Interest Form (*loose*)
- **Yellow:** VET Expression of Interest Form (*loose*)

You won’t find a separate section for Year 10, Year 11 or Year 12 students as it’s possible to choose a mix of subjects from Years 10, 11 and 12 (refer to section “Some Alternatives”). Once you have read this booklet your task is to draft a **3 year** (current Year 9 students) or a **2 year** (current Year 10 students) course which achieves the following three things:-

(a) Fulfils the requirements for gaining your VCE or VCAL

(b) Provides you with units you need for your entrance into tertiary studies

(c) Includes some units taken because you find them interesting and/or because they provide for an alternative career path you might want to fall back on.

Although it is possible to adjust your course at the end of each semester, changes are often limited by the way subjects are ‘blocked’ or because classes are already full. If you are looking to make a change, this should be done near the end of the semester and must be negotiated with the Head of Senior Sub School, Year Level Coordinators and Careers Advisers.

**SUBJECT DESCRIPTIONS**

This section of the handbook lists all the subjects offered by the College and provides a brief description of each unit. The various subjects are set out under each of the Key Learning Areas (Departments). In order to save space a lot of detail and the various assessment procedures for each unit have not been included. Should you wish to view further information about a unit please refer to the subject’s VCE STUDY DESIGN. A copy of these can be borrowed from the library, the coordinators or viewed at the VCAA website: [www.vcaa.vic.edu.au](http://www.vcaa.vic.edu.au)
So who is going to help me?

Planning your senior school program can prove to be a very daunting task. Therefore it’s not something you should attempt by yourself … make sure you seek some advice. You wouldn’t attempt to get your car licence without first obtaining advice, and obviously it’s not wise to plan your future without assistance. So make sure you get help from some, if not all, of the following.

PARENTS: Parents are very interested in your future and they have put a great deal of effort into helping you through the last 10 or 11 years of school. Therefore, talk to your parents about your future goals and the course of study you are thinking about.

CAREERS ADVISERS: The College’s Vocational Education and Pathways Coordinators, Mrs Pearman & Ms King, are full of knowledge, tips and ideas about course selection. It would be worthwhile taking some time out to discuss your future plans with them.

COURSE ADVISER: From year to year a group of teachers volunteer to assist students with course selection. Generally each teacher works with a small group of Year 10 students helping them with problems and questions about subject selection. Year 10 students will meet with their Course Adviser on several occasions. Please take advantage of these meetings, as they are there to help you. Year 11 students meet with Coordinators and Senior Sub School team to finalise Unit 3/4 sequences.

SUBJECT TEACHERS: Subject Teachers can advise you about the content of specific courses and the type of workload involved. Ask them if you are not sure what a specific unit is about. (You should also attend the Subject Expo and Information Night)

COORDINATORS: Coordinators have usually had many years of experience advising students about course selection. They are a wealth of information … all you need to do is ask.

STUDENT GUIDES: A number of student information books or guides are available to assist you with your subject choices.

These include:

1. VICTER - Victorian Tertiary Entrance Requirements. This booklet lists all the entrance requirements and prerequisite subjects required to enter specific Tertiary courses. If you wish to enter a specific Tertiary Course, you MUST read this booklet before you choose your 3/4 sequences

2. JOB GUIDE - If you want to know about a certain occupation and how you can enter that field of employment then this is the guide for you. It’s a very useful reference for students who have little idea of what they want to do when they leave school. Look online on the website www.jobguide.deewr.gov.au

3. VTAC GUIDE - This Guide gives details about the various courses offered at Universities and other Tertiary Institutions (e.g. Including Private Institutions & TAFE). It also outlines the application procedures that need to be followed if you wish to gain a place in a specific course. Reading this guide is a MUST for students seeking entrance to Tertiary Institutions.

4. WHERE TO NOW? - A guide to VCE/VCAL, Apprenticeships & Traineeships.
Take some advice!

Planning a VCE Program

While Year 11 will be the beginning of your studies for the Victorian Certificate of Education (VCE), Year 10 will prepare you for this task. This book and the advice of your Course Adviser will make you aware of the subjects offered, and the assessment criteria needed to gain the VCE. This will affect the decisions you must make about subjects, career paths and possible tertiary education. Students should now begin either Year 10 & 11 with a good understanding of the structure of the VCE, especially the need to submit all work on time and to perform to the best of your ability in Assessment Tasks. It is anticipated, however, that you will be able to use the vast network of support available to assist you in coping with the challenges of the VCE, including having a teacher Mentor.

Selecting subjects to be studied can be a very difficult task and students MUST seek advice and support from the Course Advisers and the Careers Counsellors. It is also recommended that you discuss your possible course selection with parents, subject teachers and level coordinators before making final decisions. You are encouraged to keep your options open enough to avail yourself of courses and career alternatives. As is often the case, if you do not have a career in mind you are strongly recommended to choose subjects you are generally good at, interested in and enjoy doing.

You and your parents need to be aware that there exist some very specific requirements from tertiary institutions regarding entry into certain courses. Again, your Course Adviser and one of the Careers Counsellors, as well as the Victorian Tertiary Admission Requirements (VICTER) booklets should be readily consulted. These are further supported by the Career Wirl computer program, the Job Guide, Where to Now? booklet and the VTAC Guide.

While some VCE subjects and the assessment of these are currently being revised, students should not be overly concerned with the changes. Subject teachers can give you more details about the new course content. In any event if you are in doubt about a subject seek advice from your course adviser.

A detailed and organised Home Study Plan is essential if the VCE is to be completed successfully. You are encouraged to seek help in organising study and homework time. Class time is also very important and you will need to ensure your attendance is maintained at a high level. Organisation, motivation and a consistent approach to study are the key ingredients for a successful VCE experience. If students feel that they would benefit from help with these aspects of VCE, a Mentoring Program is available utilising Rosebud Secondary College staff for students either individually or in groups.

The next two or three years in Senior school should be a very exciting and challenging time for you. The college has established a network of resources and we encourage you and your parents to use them. By working together and utilising these resources we can try to ensure that you get to cover all possible career and subject options, as well as course requirements.

The most important advice I can give you is to listen during the counselling sessions, ask for additional advice if you need it and make choices based on accurate information. Course changes are possible but TAKING THE TIME TO MAKE THE CORRECT CHOICES IN THE FIRST PLACE will make your VCE experience far more enjoyable and rewarding.

Head of Senior Sub School
Mr Jason Albress
Senior Sub-School Programs

Rosebud Secondary College's three year Senior School program provides an individual course for students at Years 10, 11 or 12. This can occur because Year 10 units are timetabled with VCE units. In theory a student could choose any combination of units from across the levels. While such a random mix is highly unlikely as students need to undertake adequate preparation for higher level studies, it is possible for students to be accelerated in an area of study or consolidate in an area of weakness. (refer to ‘Some Alternatives’ section). This range of choice, linked with VET studies (refer to Vocational Pathways section), provides multiple pathways to tertiary education and employment. Students are encouraged to plan a program of study which keeps options open and develops individual talents.

YEAR 10 ACADEMIC PROGRAM

Students entering Year 10 will normally undertake 12 semester (half year) length units: Six units in the first half year followed by another six in the second semester. Student choice is restricted by the following:

1. All students **MUST** undertake 2 units (a full year) of English and 2 units of Mathematics.
2. All students **MUST** undertake one unit of Health & Human Development in either semester.
3. To ensure a broad range of study, students **MUST** choose at least one unit from the following Key Learning Areas (KLA’s):
   This is a minimum requirement and obviously students can undertake more studies in a particular KLA.
4. A VCE unit 1 and/or 2 study can be used to meet point three above.
5. Students **MUST** undertake 2 units of Science if intending to study science subjects at VCE level

You may also elect to undertake one of the following choices and include it as part of your program:
- Study a VCE Unit 1 and 2 sequence as part of your Year 10 program. (will meet requirement 3 above). This should be a subject which students would like to do but would not normally fit into their VCE program due to tertiary course prerequisites and / or career constraints. Once completed it would be possible for a student to undertake the 3 / 4 sequence of that study while in Year 11.
- Include Work Placement as part of your program
- Enrol in a VET subject.
- Undertake a Part-time Apprenticeship, School Based Apprenticeship or Traineeship program.

If you are considering one of the above options you must seek advice from your adviser and gain permission from the Careers Coordinator or Head of Senior Sub School.
Senior Sub-School
Programs

YEAR 11 VCE PROGRAM
Students entering Year 11 need to carefully plan their TWO year VCE course. Students need to select SIX Unit 1 studies for first Semester and six Unit 2 studies for second semester making a total of 12 Units undertaken for the year. A subject from the English group must be included in your choices. While most students would normally follow a Unit 1 subject with the equivalent Unit 2 (eg: Biology Unit 1 is followed by Biology Unit 2) this is not mandatory. For example Unit 1 Biology could be followed by any Unit 2 study. It is also possible for a student to undertake a Unit 3 / 4 sequence while in Year 11. However, it is strongly advised that a student is well prepared for the study. While the study will contribute to a student’s ATAR score it should not be a prerequisite subject. Seek advice from the Head of Senior School and Careers teachers if you wish to take a 3 / 4 Unit in Year 11.

YEAR 12 VCE PROGRAM
Students entering Year 12 need to review their current Year 11 program and then elect to undertake FIVE Unit 3 / 4 sequences. A Unit 3 MUST be followed by the equivalent Unit 4. To gain your VCE you need to obtain 3 English Units and 3 other 3 / 4 sequences. As extensive counselling has occurred in previous years, a Year 11 student would normally continue their chosen pathway of study. Refer to sections of the handbook for more information.

Victorian Certificate of Applied Learning –VCAL
What are the aims of VCAL?
The VCAL program aims to provide students with the skills, knowledge and attitudes to make informed choices about pathways to work and further education. The principles underpinning the VCAL are:
- Tailoring individual learning programs that suit student interests, abilities and learning needs.
- Tailoring programs that meet the four VCAL strands.
- Enhancing Personal Development.
- Developing Employability Skills.
- Providing hands on application of knowledge and skills.

What are the VCAL qualifications?
At Rosebud Secondary College we offer three levels of VCAL, these being Foundation Intermediate and Senior. The levels provide a progression of skills, knowledge and attitudinal development.

- Foundation - At this level the focus is on knowledge and employability skill development, supported by a strong emphasis on literacy and numeracy skills and preparatory learning. A lot of direction and guidance is provided at Foundation level.
- Intermediate – At this level the focus is on knowledge and employability skills development that leads to independent learning, confidence and a higher level of transferable skills.
- Senior level the focus is on knowledge and employability skills that lead to a high level of interpersonal skills, independent action and achievement of tasks that require decision-making and leadership. Students are expected to be self-managing and using staff to facilitate their learning.

What are the entry requirements?
There are no formal entry requirements for VCAL. Students enter at a level depending on their interests, abilities and individual learning needs. Literacy and Numeracy abilities will be used as indicators as to the entry level.

Students undertake Units in the following strands:
- Literacy & Numeracy Skills, Personal Development Skill (PDS), Work Related Skills (WRS) & Industry Specific Skills (ISS).
  Students then select either:
  a) VET in schools program at TAFE (or similar provider) one day per week and Structured Work Placement with an employer one day per week
  OR
  b) Part – time Apprenticeships or Traineeships with a total of 100 hours per semester (usually 2 days per week). Training is included at the workplace.

The range of VET options is very extensive with recognised training packages available from various industries.
SENIOR SCHOOL PATHWAYS

Pathways refer to the different ways a student is able to obtain their VCE and the subjects they undertake to achieve this outcome. In a sense when choosing your pathway through the senior school you really need to work backwards. A student should look at what they would like to achieve when they leave school and then work backwards through the year levels, selecting subjects which allow them to achieve that goal. Generally students should think about an area they would like to work in, or study further in when they leave school and select subjects which will allow them to achieve this goal. For example a Business related area, The Arts, or a Health Science area etc. To assist students with choosing their pathway we have included some examples (of pathways) in this book. They are found in the green section. Obviously your pathway will reflect your needs, however, you can use these as a guide.

Learning Pathways
The ABC of the VCE

The rules in obtaining your VCE

While it is possible to vary the number of units you can enrol in, a typical VCE program at RSC is made up of 22 units which are completed over two years. Generally twelve units at the unit 1/2 level and ten units at 3/4 level would constitute the normal full time program for most students. (6 subjects at Year 11, 5 subjects at Year 12).

To be awarded the VCE, you must SATISFACTORILY COMPLETE (i.e. gain an S) in at least 16 units. These 16 units must include

1. At least 3 units of English from the English Group. (Note that many tertiary courses will want you to pass all four English units)

2. At least three sequences of units 3 and 4 of studies other than English

3. It is recommended that students choose at least one subject from each of the following areas: Arts/Humanities Group and the Maths/Science/Technology Group.

While 16 Units is the minimum that is required to gain the VCE, a satisfactory completion in ALL subjects puts you in a much better position for employment and higher education prospects.

Note also, that while tertiary courses expect your VCE to be completed over two years, this is not necessary in order to gain the VCE. For some students it may be worth considering a three year VCE program (Refer to section on “Some Alternatives”)

Successful completion of each VCE unit is based on a student achieving ALL the Learning Outcomes for that unit to a satisfactory standard. Also in Units 1 and 2 the VCAA is only concerned with the awarding of an S or N for completion of the unit. Guided by the Subject Study Design your teacher will set specific Assessment Tasks and the grades to these will be reported on your Student Report from the College.

Unit 3 / 4 sequences have both a School Assessed Coursework component and examinations for assessment.
# What does that mean?

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCE</td>
<td>Victorian Certificate of Education</td>
</tr>
<tr>
<td>VCAA</td>
<td>Victorian Curriculum &amp; Assessment Authority</td>
</tr>
<tr>
<td>VCAL</td>
<td>Victorian Certificate of Applied Learning</td>
</tr>
<tr>
<td>UNIT</td>
<td>A self contained study which is a semester in length</td>
</tr>
<tr>
<td>SEMESTER</td>
<td>The half year in which a Unit is completed</td>
</tr>
<tr>
<td>UNITS 1 &amp; 2</td>
<td>Units that are usually completed in the first year (Year 11)</td>
</tr>
<tr>
<td>UNITS 3 &amp; 4</td>
<td>Units that are usually completed in the second year (Year 12)</td>
</tr>
<tr>
<td>SEQUENCE</td>
<td>Refers to Units 3 &amp; 4: Unit 3 MUST be completed with Unit 4</td>
</tr>
<tr>
<td>LEARNING OUTCOMES</td>
<td>Activities and pieces of work that must be completed to gain credit for the Unit.</td>
</tr>
<tr>
<td>S / N</td>
<td>S refers to Satisfactory completion: N refers to Non-satisfactory</td>
</tr>
<tr>
<td>(SAT) SCHOOL ASSESSED TASKS</td>
<td>Activities that are set and graded by the College: eg A, B, C, D etc.</td>
</tr>
<tr>
<td>(SAC) SCHOOL ASSESSED COURSEWORK</td>
<td>These are assessment tasks which are set by the VCAA and are generally completed in the class under teacher supervision. The various tasks are corrected and graded by the teacher. These grades are sent to VCAA and are subjected to Statistical Moderation.</td>
</tr>
<tr>
<td>ATAR</td>
<td>Australian Tertiary Admissions Rank</td>
</tr>
<tr>
<td>GAT</td>
<td>General Achievement Test</td>
</tr>
<tr>
<td>V.E.T</td>
<td>Vocation Education &amp; Training</td>
</tr>
<tr>
<td>V.T.A.C.</td>
<td>Victorian Tertiary Admissions Centre, which is responsible for processing student applications to Victorian Tertiary Institutions.</td>
</tr>
<tr>
<td>PRE REQUISITE STUDIES</td>
<td>Studies which must be satisfactorily completed before students can be considered for a particular tertiary course. Some courses require a particular level of performance in the pre requisite.</td>
</tr>
<tr>
<td>PRIMARY FOUR</td>
<td>Studies which will be counted first when creating an ATAR Score; namely English and the next three highest scoring subjects.</td>
</tr>
<tr>
<td>TAFE</td>
<td>Technical and Further Education Institute</td>
</tr>
</tbody>
</table>
Vocational Pathways within the VCE

1. VET: VOCATIONAL EDUCATION AND TRAINING

Vocation Education and Training can be combined with VCE studies. Classroom learning is reinforced with hands-on training and practice in industry. VET in schools programs will be fully recognised and contribute to a VCE unit 1-4 sequence OR a 1-2 sequence. These programs broaden the range of course offerings for students and provide the opportunity to gain competencies demanded by a particular industry. Competencies are developed through specific VET units and Structured Work Placement. The student successfully completing the VET and VCE studies gains 2 certificates; the VCE and a VET certificate. Consequently, the programs multiply post-school options for further study and employment.

The Programs being offered in 2014 include:

- Acting (Screen)
- Airbrushing
- Animal Studies
- Applied Fashion Design
- Automotive Technology (Marine or Mechanical)
- Beauty
- Building & Construction
- Children’s Services
- Community Services
- Conservation & Land Management
- Creative Industries/Media
- Electrotechnology (Shared Technology or Career Start)
- Engineering
- Equine
- Financial Services
- Hairdressing
- Health Service Assistance
- Horticulture (Landscaping, Parks & Gardens or Turf)
- Hospitality (Kitchen Operations or Front of House)
- Information Digital Media & Technology
- IT – CISCO Networking
- IT – Shared Technology (Games Creation)
- Justice
- Laboratory Skills
- Ministry & Theology
- Music Industry
- Plumbing
- Residential Drafting
- Retail Make-Up & Skin Care/Specialist Makeup
- Retail Operations
- Sport & Recreation (Outdoor Recreation & Sport and Recreation)
- Tourism & Events

Delivered Through:
- EMC (Australia College of Dramatic Arts)
- Airbrush Venturi – (on campus Rosebud Secondary College)
- Online GOTAFE or Smart Connections class at Mornington
- Elisabeth Murdoch College Langwarrin
- Chisholm TAFE Frankston
- Chisholm TAFE Rosebud
- Chisholm TAFE Frankston
- Chisholm TAFE Rosebud
- Chisholm TAFE Frankston
- Chisholm TAFE Rosebud
- on Campus at Rosebud Secondary College
- Chisholm TAFE Frankston/Rosebud
- Chisholm TAFE Frankston
- Box Hill TAFE at Toorak Mt Eliza
- Chisholm TAFE Frankston
- Chisholm TAFE Rosebud
- Chisholm TAFE Frankston
- Chisholm TAFE Frankston
- Chisholm TAFE Rosebud
- Chisholm TAFE Rosebud
- on Campus Rosebud Secondary College
- Chisholm TAFE Frankston
- Chisholm TAFE Frankston
- Chisholm TAFE Frankston
- Chisholm TAFE Frankston
- Chisholm TAFE Frankston
- Chisholm TAFE Frankston
- Australian College of the Arts at Mt Eliza Secondary College
- Chisholm TAFE Rosebud
- Chisholm TAFE Frankston
- Chisholm TAFE Frankston
- Skills Plus Frankston
- Rosebud Secondary College/Chisholm TAFE Frankston
- Chisholm Frankston

NB VET programs are optional, however, they do require student commitment to attend the appropriate venue and complete all necessary work. VET Programs do involve significant additional costs. Bus transport is available to most venues from Rosebud SC at an additional cost.
2. **SCHOOL BASED APPRENTICESHIP or TRAINEESHIP (SBAT)**

SBATs are available to students as part of their VCE or VCAL. They provide multiple pathways to employment, on-the-job training, TAFE and university. Students can gain credit for up to four units in the following industries:

- Agriculture
- Community Services
- Business (Office Administration)
- Retail
- Engineering
- Horticulture
- Hospitality
- Information Technology
- Sport and Recreation

The part-time apprenticeship is a component of a VCE or VCAL program comprising the following:

- Part time, paid work available to students aged over 15 (of an average 15hrs per week incl. weekends)
- A structured 2 year Training Program delivered in partnership with a Registered Training Organisation (RTO) and a workplace (based on the competency standards package applicable to the Apprenticeship training program)
- A typical school week involving 3 days at school, one day at an RTO and one day in paid employment
- As part of VCAL with credit whilst working in casual employment

3. **WORK PLACEMENT PROGRAMS**

Any student over 15 years of age in Year 10 wishing to gain experience in a particular area or career interest, may participate in the Work Placement Program gaining industry related competencies. Whilst Work Placement is not a specific VCE Unit, it may be beneficial for some students to undertake this program. Seek advice from your Level Coordinator.

**NB** – All Students participate in Work Experience in the 1st Semester
Some Alternatives

If you thought the VCE was inflexible and may not meet your needs, then think again. There are a number of alternative ways to gain your VCE, and a variety of programs which cater for a range of student abilities. Some examples follow. If you wish to take advantage of one of these programs (or you have another alternative in mind) please seek advice from the Head of Senior School or the Careers Advisers.

COMPLETING A UNIT 3/4 SEQUENCE WHILE IN YEAR 11

Normally students in Year 11 would undertake studies in Units 1 and 2. However, for some students who are very good with their studies, it is possible to enrol in a 3 / 4 sequence while in Year 11. For these students, instead of enrolling in 12 units 1 and 2 they can enrol in 10 units 1 and 2 and a unit 3 / 4 sequence. Yes, the workload would be a little more than a normal Year 11 program, however we believe some students are capable of undertaking such a program. While this type of program is not for everyone, it would certainly benefit some students, allowing 6 subjects to be counted towards the ATAR. Please seek advice from the Head of Senior School if you feel you may be suitable for such a program.

COMPLETING UNITS 1 AND 2 WHILE IN YEAR 10 (OR YEAR 12)

Acceleration into the VCE can also occur when a student is in Year 10. It is quite possible for a capable Year 10 student to undertake any Unit 1 and / or Unit 2 study while in Year 10. Such a student may look at following the study into a 3 / 4 sequence the following year, when in Year 11 (see above).

It is also possible for some students who believe they would experience difficulty undertaking a normal Year 12 program, to undertake four 3 / 4 sequences and to enrol in a unit 1 and 2. Such a program would result in a reduced work load, however it may also prove difficult to enter some tertiary institutions with only four 3 / 4 sequences. Remember four 3 / 4 sequences still allows you to get your VCE, however, it may restrict your entry into higher education.

Again, if you feel that either of these programs may suit you, please speak to the Head of Senior School before you make your subject selections.

DISTANCE EDUCATION

The Distance Education Centre, Victoria (DECV) provides some students with the opportunity to study a school subject that is not available through regular schooling. Some VCE Units are available by correspondence. For example, a student can study a VCE unit through DECV if it is not available at the school and it can be shown that it is needed for a particular course. DECV subjects cost approximately $110 per Unit. Please see the Head of Senior School for more information.
Some Alternatives

VOCATIONAL EDUCATION & TRAINING (VET) PROGRAMS

Vocational Education and Training Programs involve a range of courses that enable students to obtain their VCE as well as obtaining training for a particular vocation. VET in Schools Programs include a number of study areas that are recognised as part of the VCE. Details about these programs can be found in the Vocational Pathways and the VCE section of this handbook. Some VET studies can be completed at the College but most are off campus at Chisholm, Frankston & Rosebud.

ENHANCEMENT STUDIES

This is a special program for high achieving students who would be challenged by undertaking a first year university study in addition to their VCE program. Enhancement Studies are inappropriate for the majority of students whose academic needs can be met by the normal progression through the VCE.

Some major universities including, Monash & Melbourne offer Enhancement Studies in a large range of subjects. The subjects are taught outside school hours by College and/or university staff. Enhancement Studies count as a sixth subject for your ATAR score (Increment) but you must satisfactorily complete your VCE independently of your Enhancement Study. For example a student who has completed, say, Philosophy 3 / 4 while in Year 11 could undertake first year University Philosophy while in Year 12.

With a wide range of subjects offered by a number of universities it is important that you seek further advice from the Head of Senior School and Careers Advisers if you are interested in undertaking an Enhancement Study.

MATURE AGE STUDENTS

Mature age students must be at least 18 years of age as of the 1st January in the year of enrolment in which they expect to complete their VCE, AND must have been absent from full-time schooling for a minimum period of one complete school year. A mature age student only needs to complete four 3/4 sequences (including English) to gain their VCE. Please seek advice from the Level Coordinators if you wish to enrol in the VCE

VSL

The Victorian School of Languages provides some students with the opportunity to study a language subject not available at the College. VSL subjects cost approximately $160.00. Please see the Head of Senior School for more information.
Going on to Higher Education

If you are considering going on to Higher Education after gaining your VCE you must make sure your VCE program meets the requirements needed to enter that course. Some institutions require you to complete certain Unit 3/4 subjects in which you must achieve a certain grade level. This information is contained in the VTAC GUIDE; make sure you read it before completing your Unit 3/4 sequences. The following details give some important information about the VCE Assessment and factors used in the tertiary selection process.

VCE STUDY SCORE

In addition to the reporting of grades achieved in individual Assessment Tasks in each VCE study, there is also issued an overall Study Score out of 50 which sums up the student's total achievement in all Assessment Tasks in that study.

The purpose of the VCE Study Score is to provide information about all of the Assessment Tasks in the study and about the performance of the student relative to all other students in the subject. For the Study Scores, the State average has been set at 30 out of 50. So a student who receives a Study Score of 30 for a particular subject, performed at the State average level in that subject while a student whose Study Score was 45 did exceptionally well in the subject. The Study Score will indicate where the student stands in relation to others in the State in that study.

Users of the Certificate (e.g.: Employers / Interstate institutions) can see at a glance how the student has performed overall in the subject relative to the whole group of students in the State who undertook the subject.

AUSTRALIAN TERTIARY ADMISSIONS RANK (ATAR)

The ATAR is used in all states except Queensland. It is not issued by the VCAA, but by the Victorian Tertiary Admissions Centre (VTAC). Students will be issued with a state-wide ATAR which is derived from the VCE STUDY SCORES. The VCE Study Scores are adjusted by a comparison process called 'scaling'. The scaling is used to reflect two things:

- the differences in the cohort of students taking a study compared to students in other studies.
- the differences in the difficulties of the VCE studies.

The Australian Tertiary Admissions Rank is calculated by:

- taking the scaled Study Score for English and the best THREE other scaled Study Scores. These are sometimes referred to as the 'Primary Four'.
- add to this 10% of the next TWO best scaled Study Scores. These additions are sometimes referred to as 'Increments'.

In all up to SIX Study Scores may be used. The ATAR has been generated for a particular purpose; selecting students into tertiary courses and because of the specific purpose of the ATAR, it will not provide employers with information relevant to particular jobs.
THE GENERAL ACHIEVEMENT TEST (GAT)

The GAT is a general test which all students undertaking a Unit 3/4 must sit during the year. It is not a test about a particular subject or topic. It is used to measure the level of general achievement students have accomplished across three broad areas: a) written communication b) maths, science, technology, c) humanities, the arts and social science.

The VCAA will use the GAT results to establish an expectation of the school's group performance on a particular school assessment task. This assessment 'profile' of a class of students is used to ensure the teacher’s marking of a particular group is within an expected range. In other words the GAT 'profile' assists in a detailed process of ensuring that teachers are not grading school assessment tasks either too hard or too easy.

PRE REQUISITE SUBJECTS

These subjects MUST be satisfactorily completed before students can be considered for a particular tertiary course. Usually these subjects must be completed at Units 3/4 level, but sometimes they are required at Units 1 & 2 level. Some courses require that a particular level of performance must be achieved before that subject can be counted as a prerequisite. Details about prerequisite subjects are listed in the Victorian Tertiary Entrance Requirements (VICTER) guide.

MIDDLE BAND SELECTION

When selecting among applicants for a course, Selection Officers make three categories:

- applicants whose ATAR is 'Clearly In' to be selected
- applicants whose ATAR is insufficient
- a 'Middle Band' of applicants for whom closer consideration is needed. Based on a range of considerations, approximately 10% to 20% of students in this group can be selected into the tertiary course.
- Some universities look at the performance on the GAT as well as the ATAR in the selection process.

For applicants in the 'Middle Band' institutions have detailed the factors and/or studies they consider to be important. This information is detailed in the VICTER and VTAC Guides.

Contact the Careers Advisers for more details.
# Subjects Offered in Year 10

The following subjects are available in each Key Learning Area in Year 10. Most current Year 9 students would choose subjects from this list.

## THE ARTS

- Art
- Studio Art
- Media
- Visual Communication Design A & B
- Music Performance A & B
- Dance A & B
- Drama A & B

## ENGLISH

- Advanced English A & B
- English A
- English B
- English 10B

## HUMANITIES

- Money Management
- Civics in Action
- Geography
- History (Modern History)
- Work Placement Program

## LANGUAGES

- Indonesian A
- Indonesian B
- Japanese A
- Japanese B

## MATHEMATICS

- Advanced Mathematics A & B
- Core Mathematics A & B
- Maths In Action

## SCIENCE

- Take Flight
- Body, Bits & Bones
- Couch Chemistry
- Life, but not as we know it

## HEALTH & P.E.

- PEA - PERFORMANCE IN SPORT
- PEB - WOMEN IN SPORT
- PEC - FITNESS
- Outdoor and Environmental Studies
- Health & Human Development
- Pre-driver Education
- ADVANCE (formerly Leadership)
- Marine Rescue

## TECHNOLOGY

- Catering
- Advanced Data Processing
- Fashion & Clothing A & B
- Multimedia & Internet
- Systems Technology
- Resistant Materials (Wood)
- Introduction to Hospitality
Selection of VCE Subjects by Year 10 Students

- The following VCE subjects have been recommended by Key Learning Areas for capable Year 10 students to consider as part of their Year 10 program.
- As a general rule, students are strongly advised not to tackle what is likely to be a major component of their long term career pathway at this early stage but to select a subject that is outside or on the edge of the main career focus.
- Commencing a VCE subject in Year 10 and continuing with the Year 12 Units in the same subject at Year 11 provides students with a bonus towards their ATAR.
- Often the general experience of tackling a VCE subject in Year 10 is more critical than which subject is selected, so students are advised to have at least two options in mind when planning their program.
- Prior to placing any of these subjects on the Year 10 course selection sheet, students must seek written approval from a current teacher in that subject area or in the case of VET programs, from the Careers Office.

**ARTS**
- Art
- Studio Art
- Visual Communication Design
- Media
- Multimedia (VET)

**ENGLISH**
- No choices available

**HEALTH & P.E.**
- Outdoor Education
- Environmental Studies
- Physical Education
- Sport & Recreation (VET)
- Health & Human Development

**HUMANITIES**
- Accounting
- Business Management
- Geography
- History
- Legal Studies
- Philosophy

**LANGUAGES**
- No choices available

**MATHS**
- No choices available

**PERFORMING ARTS**
- Dance
- Theatre Studies
- Music Performance

**SCIENCE**
- Psychology
- Biology
- Environmental Science

**TECHNOLOGY**
- Product Design & Technology – Wood
- Product Design & Technology – Textiles
- Food Technology
- Information Technology (VET)
- Systems Engineering – Electronics

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**VET – Vocational Education & Training Programs**
- Acting (Screen)
- Airbrushing
- Animal Studies
- Applied Fashion & Design
- Automotive (Marine or Mechanical)
- Beauty
- Building & Construction
- Children’s Services
- Community Services
- Conservation & Land Management
- Creative Industries/Media
- Electrotechnology (Shared Technology or Career Start)
- Engineering
- Equine Industry
- Financial Services
- Hairdressing
- Health Service Assistance
- Horticulture (Landscaping, Parks & Gardens or Turf)
- Hospitality (Kitchen Operations or Front of House)
- IT – CISCO (Networking)
- IT – Digital Media & Technology
- IT – Shared Technology (Games Creation)
- Justice
- Laboratory Skills
- Ministry & Theology (Vetamorphus)
- Music Industry
- Plumbing
- Residential Drafting
- Retail Make-Up & Skin Care/Specialist Makeup
- Retail Operations
- Sport & Recreation – Outdoor Recreation
- Sport & Recreation
- Tourism & Events
SO WHAT’S ON OFFER IN THE VCE
Units 1 2 3 4

ARTS / HUMANITIES GROUP
ACCOUNTING
ACTING (Vet: off campus)
AIRBRUSHING (Vet: on campus)(1/2 day)
ALLIED HEALTH (Vet: off campus)
ANIMAL STUDIES (Vet: online/off campus)
ART
BUSINESS MANAGEMENT
CHILDREN’S SERVICES (VET: off campus)
COMMUNITY SERVICES (off campus)
CONSERVATION & LAND MANAGEMENT (VET: off campus)
CREATIVE INDUSTRIES (MEDIA) (VET: on campus)
DANCE
FINANCIAL SERVICES (VET: off campus)
GEOGRAPHY
HEALTH SERVICE ASSISTANCE (VET: off campus)
HEALTH & HUMAN DEVELOPMENT
HISTORY
JUSTICE (VET: off campus)
LANGUAGES
LEGAL STUDIES
MEDIA
MINISTRY & THEOLOGY (VET: off campus)
MUSIC
MUSIC (VET: off campus)
OUTDOOR & ENVIRONMENT STUDIES (Outdoor Recreation)
PHILOSOPHY
PHYSICAL EDUCATION
RESIDENTIAL DRAFTING (VET: off campus)
RETAIL MAKE-UP & SKIN CARE (VET: off campus)
RETAIL OPERATIONS (VET: off campus)
SPORT & RECREATION [Outdoor Recreation] (VET: on and/or off campus)
SPECIALIST MAKE-UP (VET: off campus)
STUDIO ART
THEATRE STUDIES
TOURISM & EVENTS (VET: off campus)
VISUAL COMMUNICATION DESIGN

ENGLISH

ENGLISH
ENGLISH (English as an Additional Language EAL)
LITERATURE
ALTERNATIVE UNITS 1 2 3 4
MATHS / SCIENCE / TECH. GROUP

APPLIED FASHION DESIGN & TECHNOLOGY (VET: off campus)
AUTOMOTIVE (VET: off campus)
BEAUTY (VET: off campus)
BIOLOGY
BUILDING & CONSTRUCTION (VET: off campus)
CHEMISTRY
ELECTROTECHNOLOGY (VET: off campus)
ENGINEERING (VET: off campus)
ENVIRONMENTAL SCIENCE
EQUINE INDUSTRY (VET: online/off campus)
FOOD TECHNOLOGY
HAIRDRESSING (VET: off campus)
HORTICULTURE (Landscaping, Parks & Gardens or Turf) (VET: off campus)
HOSPITALITY (Kitchen Operations or Front of House) (VET: off campus)
INFORMATION TECHNOLOGY (VCE/VET)
LABORATORY SKILLS (VET: off campus)
MATHEMATICS
PHYSICS
PLUMBING (VET: off campus)
PRODUCT DESIGN & TECHNOLOGY
PSYCHOLOGY
SYSTEMS ENGINEERING

IT-CISCO (Networking)
IT – Digital Media & Technology
IT – Shared Technology (Games Creation)

Foundation Maths 1 2
General Maths: Further 1 2
General Maths: Specialist 1 2
Maths Methods (CAS) 1 2 3 4
Further Maths 3 4
Specialist Maths 3 4

Wood 1 2 3 4
Fashion (Textiles) 1 2 3 4
VCE Preliminary Planning Guide

INSTRUCTIONS - This grid should be used as a planning guide to map out your VCE program. Year 10 students should plan their two year course while Year 11 students should list their first year subjects (i.e. studied this year) and plan their final year subjects. Once you have completed your VCE Preliminary Planning Guide and have discussed it with parents and teachers you should enter the UNITS and CODES.

YEAR 11 (12 UNITS)

Sem 1
Sem 2

NEXT Unit 1 / 2 SUBJECT PREFERENCE

YEAR 12 (10 UNITS)

Sem 1
Sem 2

NEXT Unit 3 / 4 SUBJECT PREFERENCE

ONCE YOU HAVE COMPLETED YOUR PLAN, CAREFULLY AND NEATLY COPY YOUR PLAN ONTO THE PINK VCE PROGRAM SELECTION SHEET.

WHILE THE COLLEGE WILL AIM TO RUN ALL UNITS OFFERED IT MUST BE STRESSED THAT SOME CLASSES WITH SMALL STUDENT NUMBERS MAY NOT PROCEED.
VCAL
(Victorian Certificate Of Applied Learning)

The VCE isn’t for everyone. Some students enjoy hands-on learning activities and want the chance to obtain a practical industry-related experience. VCAL offers students this opportunity in areas such as Automotive, Information Technology, Building, Childcare, Horticulture, Aged Care, Business, Sport & Recreation, Electrotechnology, Hairdressing, Multimedia and Hospitality. Just like the VCE, the Victorian Certificate of Applied Learning (VCAL) is an accredited senior secondary school qualification undertaken in Years 11 and 12. It is an ideal course for students who do not intend going on to university, but have a clear vocational direction in mind.

Why would you choose VCAL?
Students who choose to do the VCAL are likely to be interested in going on to training at TAFE, doing an apprenticeship, traineeship or getting a job after completing school. The VCAL gives students a practical work related experience, as well as literacy and numeracy skills and the opportunity to build personal skills that are important for life and work.

What exactly does VCAL involve?
At Rosebud Secondary College VCAL students will spend one day at work, one day in industry training and three days at school. You will gain practical experience and ‘employability’ skills, as well as skills to go on to further training in the workplace or at TAFE.

What are the VCAL levels?
VCAL has three levels:
- Foundation – high level of teacher support
- Intermediate – some teacher support but there is an expectation that students will demonstrate some aspects of independent learning
- Senior – students work as independent, self-directed learners.

It is important that students are enrolled at a VCAL level that is appropriate for them. For example, Foundation VCAL students require a high level of teacher support and direction and apply their skills to familiar tasks in everyday contexts. Senior VCAL students work as independent and self-directed learners with the capacity to undertake complex tasks in an abstract context. With this information in mind, we will test the Literacy and Numeracy levels of students entering the VCAL program and enroll them in the course level that is appropriate for their ability.

How long would the VCAL take to complete?
VCAL has been developed for Years 11 and 12 students. When you successfully complete your VCAL program you will receive a VCAL Certificate for either Intermediate or Senior level. You will get a statement of results, listing all VCAL, VCE and VCE/VET units, and a Statement of Attainment for VET or Further Education courses.

Can you swap from VCE to VCAL and vice versa?  YES!!

**VCE to VCAL** – Moving from VCE to VCAL a student needs to have a VET subject (preferably an external VET) and be able to accrue enough credits after VASS eligibility has been completed with the result that the student can successfully complete the VCAL certificate in which they want to enrol.

**VCAL to VCE** – (i) If a student has successfully attained an Intermediate or Senior VCAL qualification they can enrol in VCE completing two units from the English group and three sequences of VCE units 3 and 4 in studies other than English. (ii) If they have not completed either an Intermediate or Senior VCAL certificate they will need to complete 3 units from the English group with at least 1 unit at the 3 or 4 level. They will also need to complete three sequences of VCE units 3 and 4 in studies other than English. Successfully completed VCAL units can count towards your VCE with Intermediate VCAL units counting towards VCE units 1 and 2 and Senior VCAL units counting towards VCE units 3 and 4. NB: Course Advisors - Please refer to the VCE and VCAL Administrative Handbook p11 Section 4.4 for further information.
Can you work while enrolled in the VCAL?
You can gain recognition and credit for part-time work while enrolled in the VCAL, including:

- Part-time Apprenticeship or Traineeship
- Part-time work
- Structured Workplace Learning
- SBAT (School Based Apprenticeship or Traineeship)

VCAL At Rosebud Secondary College

Program Outline 2015
RSC VCAL program draws on the principles and values of ‘Big Picture Education’ to develop a personalised approach to students and their learning. The college focuses on developing student skills in ways that are relevant to the learner and thus more engaging.

The VCAL Program will follow Big Picture Education Design Principles. Which are:

- Working in Advisory Groups
- Personalised Learning
- Pursuing passions
- Involving Family
- Learning through Structured Work Placements
- Authentic Assessments
- Building Community Relationships
- Preparing for the future

How we will do this....

1. Advisory groups
An advisory teacher meets with their group of 5-8 students when timetabled. This is the core learning community and the centre of accountability for students. This enables their advisory teacher to know them well and help them build a strong community while working on their learning goals. Advisory groups go on trips together, debate issues, do community service, critique each other's work, plan school activities, and more. The advisory teacher negotiates student learning plans, convene meetings with appropriate people to develop plans and discuss progress, coach students in the VCAL learning strands (See below for further information) ensuring that the learning outcomes are being met and to mentor students through their learning journey.
2. Personalised learning
Each student has a comprehensive Individual Learning Plan (ILP). These plans ensure that students meet the requirements of the VCAL Certificate and develop the required skills for their chosen pathway. ILPs are crafted by students with the guidance of a range of support material and help of the advisory teacher, parents/carers, and support personnel. The Learning Plan is reviewed and updated each term.

3. Pursuing passions
We believe that students learn best when they are doing an activity that they are passionate about in the real world. Students are encouraged to explore their interests and follow them through their projects and Structured Work Placements.

4. Involving Family
Families play an important role in students’ education. From helping students develop their Learning Plan to participating in events, parents/carers are an integral part of the educational community. This process empowers parents/carers to play an active role in their child’s education and in the school community. They participate in the learning plan meetings and each term they are involved in student exhibitions of individual projects and assessment of their child’s exhibition.

5. Learning through Structured Work Placements
During the year students work under a ‘Structured Workplace Learning’ (SWL) agreement in a field ideally associated with their chosen career. SWL allows students to spend one day a week engaged in meaningful employment/training outside the school environment under the direction of an employer. This enables students to pursue their interests and passions whilst developing their Employability Skills, and enhances employment opportunities through networking and implementing vocational skills gained through their VET course. The advisory teacher, along with one of the college’s careers advisors ensures that the SWL is integrated with the student’s learning goals and school-based study. Mentors/Employers agree to take on this role, participate in the school life of the student where possible, and work with students to create learning projects that support the learning at the workplace. In turn students can work on these projects and present their outcomes at school.

6. Authentic Assessment
Students will be assessed using real life assessments. They will complete portfolios of their individualised projects, they will present their work at public ‘expos’ each term and be assessed through both self-reflection and peer reflection. This process will involve group feedback, maintaining journals and reflections from the advisory group as well as the self-reflection from the student.

7. Building Community Relationships
Interested parties will be invited to attend course information sessions, ‘expos’, be a part of advisory planning sessions and students will be required to be positive role models within the community whilst on school business. The wider community may also be invited to provide learning opportunities and experiences within the classroom.

8. Preparing for the future
Students enrolled in the VCAL program would be expected to graduate and move on to further education or training, an apprenticeship/traineeship or some other form of employment.

THE 4 STRANDS OF VCAL
All VCAL programs consist of compulsory strands of learning. These are:

- **Literacy and Numeracy** - Your VCAL learning program must include Literacy and Numeracy subjects, such as VCE English and Math or other accredited studies such as Literacy and Numeracy modules from the Certificate in General Education for Adults (depending on the qualification level).

- **Industry Specific Skills** - Your VCAL learning program must include Vocational Education and Training (VET) units of competency. However, you are not required to focus on or complete any single VET qualification. For example, you can choose to undertake various units of competency from a range of VET qualifications to meet the VCAL requirements, and...
gain experience in a range of vocational areas. The range of VET options is extensive with recognised training packages available from industries including automotive, engineering, building and construction, hospitality and retail, agriculture, horticulture, warehousing and hair and beauty.

If you enrol in VCAL at Foundation level, you may also include appropriate VCE units under this strand, e.g. Food and Technology

- **Personal Development Skills** - As part of your VCAL learning program, you must participate in community-based projects, voluntary work and/or structured activities that will help develop your self-confidence, teamwork skills and other skills important for life and work.

- **Work Related Skills** - In order to develop 'Employability Skills', VCAL gives you the choice of undertaking:
  - Structured Workplace Learning through a placement with an employer, or
  - a School-based or Part-time Apprenticeship/Traineeship, or
  - part-time work

You can also study units and modules that will help prepare you for work, for example Occupational Health and Safety or job interview skills.

The **Industry Specific Skills Strand** would be where the student chooses an appropriate VET subject to match their chosen career pathway or vocational interest. The VET subjects can be chosen from VET lists in this guide. Students may access more than 1 VET course if it fits into their schedule eg/ Building and Construction through Chisholm on a Friday and Sport and Rec through Rosebud Secondary College as per the scheduled timetable.

Students may also access a VCE subject to enhance their VCAL program – there would be an expectation for them to catch up on any work missed due to their commitment to the VET program they are enrolled in and their involvement in a SWL placement. For example, VCE Design Technology – Wood would enhance a Building and Construction VET subject.

**SOUNDS GOOD – HOW DO I ENROL IN THE VCAL PROGRAM?**

**For Year 10 Students**

1. Complete Career Wirl to have an idea on a future career.
2. Attend Course Counselling Information Sessions
3. Participate in the Course Counselling Sign-up day for VCE and VCAL programs.
4. Student and Parent/s have an interview with VCAL Coordinator on sign-up day.
5. Complete VCAL Expression of Interest Form (green) at interview.
6. Discuss VET options with the team in Careers.
7. Gain Provisional Acceptance into the program.
8. Satisfactory completion of Year 10
9. Complete a VCAL contract
10. Pay VET Fee (dependent on course selection)
11. Organise a SWL placement

**For Year 11 or 12 Students**

1. Meeting with Careers, VCAL Coordinator or Head of Senior School to discuss VCAL availability, check that it is an appropriate time in the Semester to transfer, have an external VET or able to enroll in a SBAT/VET course and meet the VASS eligibility test.
2. Collect the Information package and the Course Change form for students and parents so all signatures can be collected.
3. Move into a VCAL class at the next appropriate time.
ART & DESIGN PATHWAYS

Year 1

Unit 1&2 – Common Units

Unit 1 – Program Units

Additional Units

Unit 2 – Program Units

Additional Units

Year 2

Unit 3&4 – Common Units

Unit 3&4 – Program Units

Additional Units

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level

- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees:
- Fine Arts
- Painting
- Printmaking
- Sculpture
- Drawing
- Graphic Design
- Advertising
- Photography – Arts
- Architecture
- Textile Design
- Craft
- Industrial Design
- Technology Design
- Fashion
- Contemporary Arts
- Multimedia Design
- Interior/Exhibition Design
- Visual Communication
- Interior Architecture
- Applied Arts
- Ceramics
- Glass
- Jewellery

*All of the above courses require a satisfactory pass in the VCE, an ATAR Score and a Folio produced from one or more Art related studies and interview.

TAFE Certificates & Diplomas in:
- Visual Art Design
- Electronic Design & Interactive Media
- Illustration
- Arts Multi Media
- Arts – Wood Design
- Arts – Ceramics
- Graphic Art

EMPLOYMENT
- Teacher, Designer (Fashion, Industrial, Interior)
- Architect, Painter
- Potter, Illustrator
- Art Administrator
- Graphic Artist
- Jeweller
- Artistic Director
- Gallery Curator
- State / Set Designer
This program can lead to the following courses

Bachelor Degrees in:
- Biological Science
- Behavioural Science
- Health Science
- Agricultural Science
- Agricultural & Research Economics
- Medical Laboratory Science
- Environmental Health
- Consumer Science
- Food Science
- Some Applied Sciences
- Environmental Science
- Agribusiness
- Marine Science
- Teacher Education
- Forest Science
- Surveying (Land Information)
- Chiropractic
- Cognitive Science/computer Science
- Biotechnology
- Pharmacy
- Biomedical

TAFE Courses in Applied Science:
- Technology
- Biotechnology
- Agriculture
- Horticulture & Farming
- Environment Waste Management
- Animal Technology
- Medical Technology
- Food Technology
- Dairy Technology
- Environment Information Management

EMPLOYMENT
- Paramedical
- Landscape & Environmental Management
- Mining
- Horticulture
- Urban Planning
- Surveying
- Teaching

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BIOLOGICAL ENVIRONMENTAL PATHWAYS

Year 1

Unit 1&2 – Common Units

Unit 1 – Program Units

Unit 2 – Program Units

Additional Units

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level

- Check that your studies include the prerequisites for the Range of Tertiary/TAFE courses you are considering
COMMERCE PATHWAYS

Year 1

Unit 1&2 – Common Units

Unit 1 – Program Units

Unit 2 – Program Units

Additional Units

Business Management  Accounting  Legal Studies  Maths Methods / Gen Maths

Business Management  Accounting  Legal Studies  Maths Methods / Gen Maths

Year 2

Unit 3&4 – Common Units

Unit 3&4 – Program Units

Additional Units

Business Management  Accounting  Legal Studies  Maths Methods / Gen Maths

Business Management  Accounting  Legal Studies  Maths Methods / Gen Maths

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level

- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees in:
- Business
- Commerce
- Economics
- Insurance
- Marketing
- Office Management
- Environmental Management
- Property
- Catering & Hotel Management
- Retail Management
- Travel & Tourism Management

TAFE Certificates & Diplomas:
- Business Applications
- Business Studies & Office Practices
- Customs
- Sales Management
- Legal Practice
- Public Relations & Advertising
- Banking & Finance
- Insurance & Credit Management

EMPLOYMENT
- Banking
- Insurance
- Marketing
- Administration
- Office Management
- Retailing
- Travel Consultant
# ELECTRONICS / MECHANICAL PATHWAYS

**Year 1**

**Unit 1&2 – Common Units**

| ENGLISH |

**Unit 1 – Program Units**

| Systems Engineering | Maths Methods / Gen Maths | VCE Elective |

**Unit 2 – Program Units**

| Systems Engineering | Maths Methods / Gen Maths | VCE Elective |

**Additional Units**

| Systems Engineering | Maths Methods / Gen Maths | VCE Elective |

**Year 2**

**Unit 3&4 – Common Units**

| ENGLISH |

**Unit 3&4 – Program Units**

| Systems Engineering | Maths Methods / Gen Maths |  |

**Additional Units**

| Systems Engineering | Maths Methods / Gen Maths |  |

To complete your program choose from any of the other VCE Or VET studies:

**Make sure you fulfil VCE requirements**

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level

- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

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Bachelor Degrees in:
- Engineering
- Building Construction
- Planning Robotics
- Mechatronics Polymer

TAFE Certificates & Diplomas in:
- Engineering
- Construction
- Electronics
- Electrical
- Mechanics

EMPLOYMENT
- Automotive
- Electronics
- Electrical Industries
- Mining
FASHION & DESIGN PATHWAYS

Year 1

Unit 1&2 – Common Units

ENGLISH

Unit 1 – Program Units

Studio Arts / Art
Product Design & Technology Textiles
Visual Communication & Design

Additional Units

Unit 2 – Program Units

Studio Arts / Art
Product Design & Technology Textiles
Visual Communication & Design

Additional Units

Year 2

Unit 3&4 – Common Units

ENGLISH

Unit 3&4 – Program Units

Studio Arts / Art
Product Design & Technology Textiles
Visual Communication & Design

Additional Units

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level

- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees in:
- Bachelor of Arts
- Fashion

RMIT Diplomas in:
- Textiles Design
- Clothing & Footwear
- Visual Merchandising

TAFE
- Textile Design & Production
- Fashion & Business Studies
- Screen Printing Design
- Studio Textiles

Courses in Visual Arts
- Design Courses
- Merchandising & Marketing
- Textiles Manufacturing (Technology)
- Australian Art Fashion
- Business Marketing

EMPLOYMENT
- Fashion Design
- Pattern Drafting
- Visual Display
- Fashion Marketing
- Retail buying
FOOD & HOSPITALITY PATHWAYS

Year 1

Unit 1&2 – Common Units

| ENGLISH |

Unit 1 – Program Units

| Food Technology | Math Methods / Gen Maths | VET Hospitality | VCE Elective |

Unit 2 – Program Units

| Food Technology | Math Methods / Gen Maths | VET Hospitality | VCE Elective |

Year 2

Unit 3&4 – Common Units

| ENGLISH |

Unit 3&4 – Program Units

| Food Technology | VET Hospitality | | VCE Elective |

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level
- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

Bachelor Degree Courses in:
- Hospitality
- Tourism
- Consumer Science
- Business Management

TAFE
- Associate Diplomas & Certificate Courses,
- Apprenticeships & Traineeships in:
  - Hospitality
  - Tourism
  - Chef
  - Butchery
  - Waiting
  - Cook & Bar Service
  - Gaming

EMPLOYMENT
- Small Business
- Kitchen Hand
- Cooking
- Waiting
- Bar Service
- Management

This program can lead to the following courses

Bachelor Degree Courses in:
- Hospitality
- Tourism
- Consumer Science
- Business Management

TAFE
- Associate Diplomas & Certificate Courses,
- Apprenticeships & Traineeships in:
  - Hospitality
  - Tourism
  - Chef
  - Butchery
  - Waiting
  - Cook & Bar Service
  - Gaming

EMPLOYMENT
- Small Business
- Kitchen Hand
- Cooking
- Waiting
- Bar Service
- Management
HEALTH SCIENCE PATHWAYS

Year 1

Unit 1&2 – Common Units
ENGLISH

Unit 1 – Program Units
- Maths Methods
- Chemistry
- Biology / Physics
- VCE Elective

Unit 2 – Program Units
- Maths Methods
- Chemistry
- Biology / Physics
- VCE Elective

Year 2

Unit 3&4 – Common Units
ENGLISH

Unit 3&4 – Program Units
- Maths Methods or Further Math
- Chemistry
- Biology / Physics
- VCE Elective

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements
- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level
- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees in:
- Medicine
- Physiotherapy
- Dentistry
- Veterinary Science
- Behavioural Neuroscience
- Podiatry
- Prosthetics & Orthotics
- Occupational Therapy
- Nursing

(NB: Most of these require Maths Methods & Chemistry and one of Physics / Biology at 3 / 4 level
You must check each course

TAFE Certificates & Diplomas in:
- Nursing: Certificate IV
- Allied Health
- Applied Science:
- Biotechnology
- Animal Technology
- Medical Laboratory Technology
- Myotherapy

ENGLISH

Science

Science

Science

Science

Science
HUMANITIES PATHWAYS

Year 1

Unit 1&2 – Common Units

ENGLISH

Unit 1 – Program Units

<table>
<thead>
<tr>
<th>Literature / History</th>
<th>Philosophy / Geography</th>
<th>Maths</th>
<th>Languages</th>
<th>VCE Elective</th>
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</thead>
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Unit 2 – Program Units

<table>
<thead>
<tr>
<th>Literature / History</th>
<th>Philosophy / Geography</th>
<th>Maths</th>
<th>Languages</th>
<th>VCE Elective</th>
</tr>
</thead>
</table>

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level
- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees in:
- Travel & Tourism
- Arts
- Communication
- Education*
- Law
- Information Services
- Humanities/Social Science
- Language & Cultural Studies
- Professional Writing
- Journalism
- Public Relations
- Asia-Pacific Studies
* Courses require Units of Maths

TAFE

Certificates & Diplomas in:
- Professional Writing & Editing
- Media
- Library & Information Studies
- Community Justice Studies
- Local Government Studies
- Travel Operations

EMPLOYMENT

- Archaeology
- Anthropology
- Journalism
- Librarian
- Scriptwriter
- Education
- Public Relations
- Archivist
- Historian
- Marketing
- Law & Legal Services
- Social Work
- Travel & Tourism
- Teaching
MEDIA PRODUCTIONS
- Video
- Audio
- Animation

PATHWAYS

Year 1

Unit 1&2 – Common Units

| ENGLISH |

Unit 1 – Program Units

| Media Studies | Studio Arts | Theatre Studies | VCE Elective |

Unit 2 – Program Units

| Media Studies | Studio Arts Video Production | Theatre Studies | VCE Elective |

Year 2

Unit 3&4 – Common Units

| ENGLISH |

Unit 3&4 – Program Units

| Media Studies | Studio Arts | Theatre Studies | VCE Elective |

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level
- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

Bachelor Degrees in:
- VCA Film & TV
- Swinburne: Film
  Contemporary Arts
  Advertising
  Media & Media Arts
  Cinema Studies
  Arts and Humanities
  *Teaching Multimedia
  * Course requires units of Maths

TAFE Certificates & Diplomas in:
- Corporate Video Film & TV Production
- Media Production

EMPLOYMENT
- Audio Production
- Video Production
- Film
- TV
- Radio
- Journalism
- Teaching
- Advertising
- Marketing

This program can lead to the following courses
PERFORMING ARTS

PATHWAYS

Year 1

Unit 1&2 – Common Units

- English

Unit 1 – Program Units

- Theatre Studies
- Dance
- Music
- Media
- VCE Elective

Unit 2 – Program Units

- Theatre Studies
- Dance
- Music
- Media
- VCE Elective

Year 2

Unit 3&4 – Common Units

- English

Unit 3&4 – Program Units

- Theatre Studies
- Dance
- Media
- VCE Elective

To complete your program choose from any of the other VCE or VET studies:

Make sure you fulfil VCE requirements
- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level
- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor of Arts in:
- Performance Studies
- Arts/Cinema Studies
- Arts Media
- Performing Arts
- Drama
- Human Movement
- Social Sciences
- Humanities
- Welfare
- Early Childhood Development
- *Education

*Course requires units of Maths

TAFE

Certificates & Diplomas in:
- Community Studies
- Arts
- Childcare
- Theatre Technology
- Small Companies of Community Theatre

EMPLOYMENT
- Human Resource Management
- Teaching
- Service Industries
- Acting
- Welfare & Childcare
- Playwright
- Television
- Radio
- Community Arts
- Technical Crew
- Sound
- Lighting
PHYSICAL SCIENCE ENGINEERING

PATHWAYS

Year 1
Unit 1&2 – Common Units

Unit 1 – Program Units
Chemistry  Physics  Math  Methods

Additional Units
VCE  Elective

Unit 2 – Program Units
Chemistry  Physics  Math  Methods

Additional Units
VCE  Elective

Year 2
Unit 3&4 – Common Units

Unit 3&4 – Program Units
Chemistry  Physics  Math  Methods  Specialist  Math

Additional Units

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements
- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level
- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees in:
- Information Systems
- Engineering
- Mathematics
- Medicine
- Education
- Engineering
- Physical Science
- Chemical Science
- Biological Science
- Medical Radiations
- Medical Laboratory Science
- Building Surveying
- Biochemistry
- Applied Science
- Environmental Health
- Computer Science
- Forest Science
- Engineering: Aerospace
- Biotechnology
- Polymer Engineering
- Pharmacy
- Adv. Mathematics & Computing
- Biophysics & Instrumentation

TAFE
Applied Science in:
- Environmental Waste Management
- Dental Technology
- Information Technology
- Engineering
- Animal Technology
- Electronics
- Engineering: Aerospace
- Audiovisual
- Civil
- Computer Systems
- Electrical
- Manufacturing
- Mechanical
- Mechanical Design
- Drafting
- Plastics Technology

EMPLOYMENT
- Environmental & Applied Sciences
- Medicine
- Engineering
- Education
- System Analyst
RECREATION ENVIRONMENT

PATHWAYS

Year 1

Unit 1&2 – Common Units

ENGLISH

Unit 1 – Program Units

Physical Education / Sport & Rec

Outdoor & Environmental Studies

Geography

Environmental Science

VCE Elective

Unit 2 – Program Units

Physical Education / Sport & Rec

Outdoor & Environmental Studies

Geography

Environmental Science

VCE Elective

Year 2

Unit 3&4 – Common Units

ENGLISH

Unit 3&4 – Program Units

Physical Education / Sport & Rec

Outdoor & Environmental Studies

Geography

Environmental Science

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level

- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees in:
Environmental Studies
Teaching
Travel & Tourism
Catering
Hotel Management
Hospitality Studies
Nursing
Human Movement
Sports Coaching
Recreation
Arts
Landscape Architecture
Urban Planning
Social Sciences
Parks Recreation & Heritage
Farm Management
Horticulture
Surveying (land information)
Cartography
Ecotourism & Heritage
Arts – Cultural Heritage Studies
Park Management
Eco-Communications

TAFE Certificates & Diplomas in:
Trades
Hospitality
Recreation
Fitness & Recreation
Resource Management
Environmental Waste Management

EMPLOYMENT
Police
Armed Forces
Childcare
Youth Work
Teaching
Hospitality & Travel
Park Ranger
Environmental Management
Paramedic
Leisure & Sports Centres
Local Council
Recreation Centres
International Camps /holidays

Rosebud Secondary College – Course Selection Handbook
SOCIAL SCIENCE PATHWAYS

Year 1

Unit 1&2 – Common Units

Unit 1 – Program Units

Psychology / Health & Human Dev. Biology Math Methods / Gen Maths

Unit 2 – Program Units

Psychology / Health & Human Dev. Biology Math Methods / Gen Maths

Year 2

Unit 3&4 – Common Units

Unit 3&4 – Program Units

Psychology / Health & Human Dev. Biology Math Methods / Gen Maths

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level
- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees in:
- Social Science
- Behavioural Sciences
- Nursing
- Hospitality
- Health Sciences
- Intellectual Disability
- Education
- Psychology
- Humanities
- Social Welfare

TAFE Certificates & Diplomas in:
- Social Sciences
- Welfare Community Studies
- Childcare
- Environ. Waste Management
- Animal Technology
- Health Science
- Beauty Therapy
- Fitness & Recreation

EMPLOYMENT
- Social Work
- Childcare
- Nursing
- Recreational Leadership
- Veterinary Nursing
- Youth Work
- Welfare
- Paramedic
VISUAL COMMUNICATION

PATHWAYS

Year 1
Unit 1&2 – Common Units
ENGLISH

Unit 1 – Program Units Additional Units
Studio Arts / Art Visual Communication & Design Information Technology

Unit 2 – Program Units Additional Units
Studio Arts / Art Visual Communication & Design Information Technology

Year 2
Unit 3&4 – Common Units
ENGLISH

Unit 3&4 – Program Units Additional Units
Studio Arts / Art Visual Communication & Design Information Technology

To complete your program choose from any of the other VCE or VET studies:

Make sure you fulfil VCE requirements
- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level
- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor Degrees in:
- Architecture
- Building & Planning
- Interior
- Visual Arts
- Industrial Design
- Interior Design
- Visual Communications
- Graphic Design
- Creative Studies
- Interior/Exhibition Design
- Computer Mediated Art
- Cartography
- Landscape Architecture
- Advertising Creative
- Design
- Interior Architecture

TAFE
Certificates & Diplomas in:
- Building Construction
- Mechanical Engineering
- Drafting
- Visual Art / Design
- Interior Decorating
- Design & Interactive Media
- Landscape Gardening
- Electronic Design
- Arts – Multimedia
- Arts – Illustration
- Electronic Publishing

EMPLOYMENT
- Teaching
- Architect
- Designer
- Urban Planning
- Building & related industries
- Web Design
- Landscape Design
- Visual Merchandising

Rosebud Secondary College – Course Selection Handbook
WOOD / BUILDING CONSTRUCTION

PATHWAYS

Year 1

Unit 1&2 – Common Units

- ENGLISH

Unit 1 – Program Units

- Product Design & Tech (Wood)
- Math Methods / Gen Maths
- Visual Communication & Design

Additional Units

- VET: Building Construction

Unit 2 – Program Units

- Product Design & Tech (Wood)
- Math Methods / Gen Maths
- Visual Communication & Design

Additional Units

- VET: Building Construction

Year 2

Unit 3&4 – Common Units

- ENGLISH

Unit 3&4 – Program Units

- Product Design & Tech (Wood)
- Math Methods / Gen Maths
- Visual Communication & Design

Additional Units

- VET: Building Construction

To complete your program choose from any of the other VCE Or VET studies:

Make sure you fulfil VCE requirements

- 4 sequences of Unit 3 / 4, which must include at least one study at 3 / 4 level

- Check that your studies include the prerequisites for the range of tertiary/TAFE courses you are considering

This program can lead to the following courses

Bachelor degree courses in:
- Wood Design
- Building Construction
- Planning

TAFE Certificates & Diplomas in:
- Architectural Design
- Building & Construction (Carpentry)
- Cabinet Making & Shop fitting
- Furniture Technology

EMPLOYMENT
- Building & Construction Industry
- Shop fitting
- Cabinet Making
- Production Turning
- Plastic Fabrication
- Manufacturing Industry
OVERVIEW OF DEPARTMENT

The Visual Arts offers the students the ability to complete a full course including any of the following, Visual Communications, Studio Arts, Art, Media. The students may also select their own subjects to best suit their chosen career path.

The Performing Arts may be studied in conjunction with other arts subjects or independently. Subjects to consider are Dance, Music Performance and Theatre Studies.

All areas of the Arts offer both career and tertiary study opportunities.
The Arts: Year 10

Year 10 Unit Title: Art
Subject Code: Art10
Cost: approx $30

Unit Description:
This study encourages students to explore ideas and develop a range of skills through investigations and experimentation following a DEVELOPMENTAL PROCESS and a range of materials and techniques. Completed artwork will be presented in the form of exploratory visual solutions and media. Students’ skills in interpreting, discussing and writing about artworks, their meanings and messages are developed.

Assessment: Visual Diary
Folio
Art Appreciation Tasks
Exam

Year 10 Unit Title: Studio Art
Subject Code: STA10
Cost: approx $30

Unit Description:
This study enables students to express ideas and develop skills. A range of materials and techniques will be investigated and documented in their visual diary. Students will study artists and their working methods and processes.

Assessment: Visual Diary
Folio
Art Appreciation Tasks
Exam

Art and Studio Art units are designed to enable students to take either or both units.

Year 10 Unit Title: Dance A & B
Subject Code: DAA10 & DAB10
Cost: approx $20 (each semester)

Unit Description
Students will study a range of Multi-cultural Dance styles and aspects of Contemporary Dance. Students will learn to develop their own choreographic processes and will also learn a group ensemble dance which will combine many of the styles learnt over the semester.

Assessment: Assessment is by a mixture of theoretical exercises, practical assignments and Exam.
Year 10 Unit Title: Drama A & B  
Subject Code: DRA10 & DRB10  
Cost: approx $20 (each semester)

Unit Description:
Drama A  
Students study production processes, dramatic elements and expressive skills and apply their understanding to a production for an audience. Students learn about different stagecraft areas (acting, costume, set, props) and become responsible for one stagecraft area throughout the development of the production. Students also learn how to analyse and evaluate their contribution to a play in performance.

Drama B  
Students study a range of different theatre styles from the modern era including Butoh, physical theatre, realism and non-naturalism. They apply their understanding of different theatre styles to an original, group devised performance which is undertaken as part of the Malthouse’s Education Program and culminates in a performance at Frankston Arts Centre.

Assessment: Participation in class activities, Group Performance, Research Project, Solo Performance, Performance Report and Exam.

Year 10 Unit Title: Media  
Subject Code: MED10  
Cost: approx $40

Unit Description:  
This unit introduces you to the exciting world of professional photography. It is done by first teaching you the special qualities of professional photographic images. You are then taught how to use our SLR cameras and enlargers to make your own professional style photographs. Finally you are introduced to the new world of digital photography, where you will be taught how to use our digital cameras and the Adobe Photoshop software to manipulate your digitised photographs. Assessment is by a mixture of Theoretical exercises and practical photographic assignments. However, you will really be your own critic as you will want to make great images once you realise the possibilities. When you pass this unit, you receive a special photography licence, which allows you to borrow the cameras for other approved school activities. The unit also naturally leads on to further more advanced photography in Year 11.

Assessment: Visual Diary, Folio, Art Appreciation Tasks & Exam
**The Arts: Year 10**

**Year 10 Unit Title:** Visual Communication Design A  
**Subject Code:** VCA10  
**Cost:** approx $30  
**Unit Description:** In this unit students will develop an understanding of the production and interpretation of a range of visual communications and drawing systems. It involves a study and application of freehand drawing, instrumental drawing, ICT and rendering. It also provides an opportunity to develop skills in the design process whilst investigating a variety of techniques and mediums.  
**Assessment:** Visual Diary, Folio, Appreciation Tasks, Exam  

**Year 10 Unit Title:** Visual Communication Design B  
**Subject Code:** VCB10  
**Cost:** approx $30  
**Unit Description:** In this unit students will develop similar skills as VCDA, however different tasks will be completed. It will also develop an understanding of the production and interpretation of a range of visual communications and drawing systems. It involves a study and application of freehand drawing, instrumental drawing, ICT and rendering. It also provides an opportunity to develop skills in the design process whilst investigating a variety of techniques and mediums.  
**Assessment:** Visual Diary, Folio, Appreciation Tasks, Exam

**VCDA & VCDB have been designed to enable students to complete either unit or both.**

**Year 10 Unit Title:** Music Performance A & B  
**Subject Code:** MPA10 & MPB10 (each semester)  
**Cost:** approx $10  
**Unit Description:** These units are designed as an essential preparation for VCE Music Units 1 & 2. In these units students work to develop and refine their practical performing skills in small groups and as soloists. They explore and analyse the elements of a wide variety of styles. They develop and define their aural comprehension skills and the use of appropriate musical technology. They also explore practical applications of music theory to create improvisations and effective arrangements for their performances.  
**Assessment:** Theory, Performance, Skills, Assignment and Exam
The Arts

VCE Title: Art Unit 1
Subject Code: AR011
Cost: approx $80

Unit Description:
This unit focuses on artworks as objects and examines how formal qualities such as art elements, materials and techniques communicate meaning. They explore the work of artists who have been inspired by ideas relating to personal and cultural identity. Students will study at least three artists and at least one artwork from each of the selected artists. Students interpret the meanings and messages of artworks and document the reflection of their own ideas and artmaking. In their practical work, they explore the characteristics and qualities of materials and areas of personal interest to generate their own artwork.

VCE Title: Art Unit 2
Subject Code: AR022
Cost: approx $80

Unit Description:
In this unit students become aware that artworks can be created as forms of cultural expression for specific context. Students analyse the varying social functions that art can serve and examine the different ways that artists interpret and present social issues. Students identify ways in which art expresses and reflects culture. In their practical work, students continue to explore techniques and develop personal and creative responses in their artmaking. They explore the effects on their own artwork of cultural contexts and social attitudes to art.

VCE Title: Art Unit 3
Subject Code: AR033
Cost: approx. $90

Unit Description:
In this unit students study selected artists who have produced works before and since 1970. Students use all the Analytical Frameworks for interpreting and analysing the meaning of artworks. Students apply imagination and creativity to develop their ideas through a visual language. Their artmaking is supported through investigation, exploration and application of a variety of materials and techniques. At the end of this unit, students present at least one finished artwork.

VCE Title: Art Unit 4
Subject Code: AR044
Cost: approx $90

Unit Description:
In Unit 4 students continue to develop personal points of view and informed opinions about art ideas or issues and support them with evidence. They build their learning and conceptual understanding around the discussion and debate of broad themes or issues, in relation to their developing artwork students continue to build upon ideas and concepts begun in Unit 3. They focus on the development of a body of work that demonstrates creativity and imagination, the evolution of ideas and the realisation of appropriate concepts, knowledge and skills. At the end of this unit, students present a body of work and at least one finished artwork accompanied by documentation of thinking and working practices.
The Arts - Dance

VCE Title: Dance Unit 1  
Subject Code: DA011  
Cost: approx $30

Unit Description:
This unit enables students to explore the potential of the body as an instrument of expression. They explore and perform dance works originating from different dance-making processes and discuss cultural influences on these. Students study both theory and practical Dance. The theory components include a study of Anatomy & Safe Dance techniques, study analysis and discussion of cultural influences on twentieth century dance works, and choreographic theories. The practical components include learning about choreography through structured improvisations, developing their technique, choreographing their own group or solo dance and learning & performing a learnt group dance.

VCE Title: Dance Unit 2  
Subject Code: DA022  
Cost: approx $30

Unit Description:
This unit enables students to expand their dance vocabulary and different ways of executing movement to produce contrasting qualities. Students study both theory and practical Dance. The theory components include an analysis of the elements of movement and cultural influences on pre-twentieth century dance works. They will also analyse the use of contrasting qualities of movement to express the intention of their own dance and others. The practical components include continuing to learn about choreography through structured improvisations, developing their technique, choreographing their own group or solo dance and learning & performing a rehearsed group dance.

VCE Title: Dance Unit 3 & 4  
Subject Code: DA033 & DA034  
Cost: approx $30 (each semester)

Unit Description:
Unit 3 enables students to develop compositional skills by exploring ways in which the intention of the dance maker(s) can be expressed through the arrangement of movement within a structure. Students study both theory and practical Dance. The theory components include an analysis of the cultural influences on, and the expressive use of, phrases and section(s) in solo dance works by major twentieth century choreographers from 1900 – 1969. They will also analyse the processes used in composing, rehearsing and performing their own choreographed solo dance work. The practical components include continued choreographic development, continued skill development, choreographing their own solo dance focusing on skills, and learning & performing a learnt group dance.  
Unit 4 tasks remain the same except the analysis is of a group dance work from 1970 – present day. The solo that students choreograph focuses on expressive intention, and analysing the processes used in composing, rehearsing and performing the dance work. Students will have an external end of year theory and practical exam; the practical involves presenting their 2 solos to a panel.
The Arts – Music

VCE Title: Music Performance Unit 1
Subject Code: MC011
Cost: approx $30

Unit Description:
This unit is designed to enable students to develop skills in practical music and performance. Students will present a prepared program of both solo instrument or voice and complete a group performance. They will develop skills in the creative organisation of sound and arrange and compose their own music. Students will improve their knowledge of their instrument and associated performers.

VCE Title: Music Performance Unit 2
Subject Code: MC012
Cost: approx $30

Unit Description:
This unit is an extension of the work covered in Unit 1 and will enable students to further develop their skill in practical music and performance. Students will present a prepared program of both solo instrument or voice and complete a group performance. Skills in aural comprehension, composition and arranging will be an important part of this unit.

VCE Title: Music Performance (Group or Solo)
Subject Code: MC043 & MC044
Cost: approx $30 (each semester)

Unit Description:
In Music Performance: GROUP, style and interpretation are studied and applied to performance of various works. Students will develop their group performance skills, their understanding of music playing techniques, recognise variations in style and become familiar with the use of and advances in music technology. Emphasis is placed on the development of aural comprehension skills, with students learning to recognise variations in melody and rhythm, chord progressions and musical notation.

As the name implies Music Performance: SOLO is based on a Solo performance. Students will complete work in performance skill development, arranging, composing or improvising, analysis, recognition of melodic, harmonic and rhythmic elements through listening, sight, singing and performance.
The Arts - Media

VCE Title: Media Unit 1
Subject Code: ME011
Cost: approx $120

Unit Description:
Representation and technologies of representation
In this unit students develop an understanding of the relationship between the media, technology and the representations present in media forms. They study the relationships between media technologies, audiences and society. Students develop practical and analytical skills, including an understanding of the contribution of codes and conventions to the creation of meaning in media products, the role and significance of selection processes in their construction, the role audiences play in constructing meaning from media representations and the creative and cultural impact of new media.

VCE Title: Media Unit 2
Subject Code: ME022
Cost: approx $120

Unit Description:
Media production and the media industry
In this unit students develop their understanding of the specialist production stages and roles within the collaborative organisation of media production. Students participate in specific stages of a media production, developing practical skills in their designated role. Students also develop an understanding of media industry issues and developments relating to production stages and roles and the broader framework within which Australian media organisations operate.

VCE Title: Media Unit 3 & 4
Subject Code: ME033 & ME034
Cost: approx $140 (each semester)

Unit Description:
Unit 3: Narrative and media production design
In this unit students develop an understanding of film, television or radio drama production and story elements, and learn to recognise the role and significance of narrative organisation in fictional film, television or radio drama texts. Students examine how production and story elements work together to structure meaning in narratives to engage audiences. Students also develop practical skills through undertaking exercises related to aspects of the design and production process. They complete a media production design plan for a specific media form and audience. They present the relevant specifications as a written planning document, with visual representations that employ media planning conventions appropriate to the media form in which the student chooses to work.

Unit 4: Media: process, influence and society’s values
In this unit students further develop practical skills in the production of media products to realise the production design plan completed during Unit 3. Organisational and creative skills are refined and applied throughout each stage of the production process. Students analyse the relationship between media texts, social values and discourses in the media. The nature and extent of media influence, the relationship between the media, media audiences and media regulation are also critically analysed in this unit.
The Arts – Studio Art

VCE Title: Studio Arts Unit 1
Subject Code: SA011
Cost: approx $80

Unit Description:
Artistic inspiration and techniques
This unit focuses on using sources of inspiration and individual ideas as the basis for developing artwork and exploring a wide range of materials and techniques as tools for communicating ideas, observations and experiences through artmaking. Students also explore and research the ways in which artists from different times and cultures have interpreted and expressed ideas, sourced inspiration and used materials and techniques in the production of artworks.

VCE Title: Studio Arts Unit 2
Subject Code: SA022
Cost: approx $80

Unit Description:
Design exploration and concepts
This unit focuses on students establishing and using a design process to produce artwork. The design process includes the formulation and use of an individual approach to locating sources of inspiration, experimentation with materials and techniques, and the development of aesthetic qualities, directions and solutions prior to the production of artwork. Students also develop skills in the visual analysis of artworks. Artworks made by artists from different times and cultures are analysed to understand the artists’ ideas and how they have created aesthetic qualities and identifiable styles.

VCE Title: Studio Arts Unit 3 & 4
Subject Code: SA033 & SA034
Cost: approx $90 (each semester)

Unit Description:
Unit 3: Studio production and professional art practices
This unit focuses on the implementation of an individual design process leading to the production of a range of potential directions and solutions. The design process is individually determined by the student. It records trialing, experimenting, analysing and evaluating the extent to which their art practices successfully communicate their aims and ideas. From this process students can develop directions for the development of finished artwork in Unit 4. Students investigate and analyse the response of artists to a wide range of stimuli, and examine their use of materials and techniques. They explore professional art practices of artists in relation to particular artworks and art form/s and identify the development of styles in artworks.

Unit 4: Studio production and art industry contexts
This unit focuses on the production of a cohesive folio of finished artwork. To support the creation of the folio, students present visual and written documentation explaining how selected potential directions generated in Unit 3 were used to produce the cohesive folio of finished artwork. This unit also investigates aspects of artists’ involvement in the art industry, focusing on a variety of exhibition spaces and the methods and considerations involved in the preparation, presentation and conservation of artworks. Students are expected to visit at least two different exhibition spaces in their current year of study.
Theatre Studies

VCE Title: Theatre Studies Unit 1
Subject Code: TS011
Cost: approx $25

Unit Description:

Unit 1: Pre-modern Theatre
This unit focuses on the application of acting and other stagecraft in relation to theatrical styles of the pre-modern era, including Greek theatre, Commedia Dell’Arte, Elizabethan theatre and Restoration comedies. Students work with playscripts focusing on works prior to the 1880s in both their written form and in performance. They also study theatrical and performance analysis and apply these skills to the analysis of a play from the pre-modern era in either a class or solo performance.

VCE Title: Theatre Studies Unit 2
Subject Code: TS022
Cost: approx $25

Unit Description:

Unit 2: Modern Theatre
This unit focuses on studying theatrical styles and stagecraft through working with playscripts in both their written form and in performance with an emphasis on the application of stagecraft. Students work with playscripts from the modern era focusing on works from the 1880s to present day, including Realism, Expressionism, Theatre of the Absurd, Epic Theatre and physical theatre. Students study theatrical analysis and production evaluation and apply these skills to the analysis of a play in performance from the modern era.
Theatre Studies

VCE Title: Theatre Studies Unit 3 & 4
Subject Code: TS033 & TS034
Cost: approx $30 (each semester)

Unit Description:

Unit 3: Playscript interpretation

In this unit students develop an interpretation of a playscript through the stages of the theatrical production process: planning, development and presentation. Students specialise in two areas of stagecraft, working collaboratively in order to realise the production of a playscript. They use knowledge they develop from this experience to analyse the ways stagecraft can be used to interpret previously unseen playscript excerpts. Students also attend a performance selected from the prescribed VCE Theatre Studies Unit 3 Playlist and analyse and evaluate the interpretation of the playscript in the performance.

Unit 4: Performance interpretation

In this unit students study a prescribed scene and associated monologue and develop a theatrical treatment that includes the creation of a character by an actor, stagecraft possibilities, and appropriate research. Students interpret a monologue from within a specified scene using selected areas of stagecraft to realise their interpretation. Students also attend a play in performance to analyse and evaluate acting in a production.
Visual Communication Design

VCE Title: Visual Communication Design Unit 1
Subject Code: VC011
Cost: approx $80

Unit Description:
Introduction to visual communication design
This unit focuses on using visual language to communicate messages, ideas and concepts. This involves acquiring and applying design thinking skills as well as drawing skills to make messages, ideas and concepts visible and tangible. Students practise observational drawing techniques and they use visualisation drawing methods to explore their own ideas and concepts. Students develop the understanding and importance of presenting resolved design solutions through design mock ups and presentation drawings to clearly communicate their final visual communications.

Students are introduced to the technical drawing skills that underpin the discrete design process stages of generating ideas, developing concepts and refining drawings. The design process is explored further through the experimentation and exploration of the relationship between design elements and design principles, where students develop an understanding of how design elements and principles can be manipulated to affect the visual message and the way information and ideas are read and perceived. Through a case study approach, students explore how visual communications have been influenced by social and cultural factors and past and contemporary visual communication practices, introducing a broader context of the place and purpose of design.

VCE Title: Visual Communication Design Unit 2
Subject Code: VC022
Cost: approx $80

Unit Description:
Applications of visual communication design
This unit focuses on the application of visual communication design knowledge, design thinking skills and drawing methods to create visual communications to meet specific purposes in designated design fields. Students use presentation drawing methods that incorporate the use of technical drawing conventions to communicate information and ideas associated with the environmental or industrial fields of design. In the selected design field students investigate ways in which information and ideas can be communicated to a client and draw on these understandings when creating presentation drawings. They investigate how typography and imagery are used in visual communication design. They apply design thinking skills when exploring ways in which images and type can be manipulated to communicate ideas and concepts in different ways in the communication design field. They consider historical and contemporary factors that have influenced the style and layout of print and the increasing advancements in the digital communication of information. In response to a brief, students apply the specific stages of the design process in research, generation of ideas and development of concepts in solving design problems and presenting ideas.
**Visual Communication Design**

**VCE Title:** Visual Communication Design Unit 3 & 4  
**Subject Code:** VC033 & VC034  
**Cost:** approx $90 (each semester)

**Unit Description:**

**Unit 3: Design thinking and practice**
In this unit students gain an understanding of the process designers employ to structure their thinking and communicate ideas with clients, target audiences, other designers and specialists. Through practical investigation and analysis of existing visual communications, students gain insight into how the selection of methods, media, materials and the application of design elements and design principles can create effective visual communications for specific audiences and purposes. They investigate and experiment with the use of manual and digital methods, media and materials to make informed decisions in the development of their own design ideas and concepts.

Students investigate how the design process is applied in industry practice to create visual communications; with a focus on the communication, environmental and industrial design fields. Students develop an understanding of the process and practices used to support collaboration between clients, designers and specialists.

Students gain a detailed understanding of the three stages of the design process: development of a brief, research and generation of ideas. Students develop an understanding of the contents of a design brief and the role that it plays in forming the direction and boundaries for their research and generation of ideas. This work informs the evaluation and selection of design ideas that are developed into design concepts in Unit 4.

**Unit 4: Design Development and presentation**
The focus of this unit is the development of design concepts and two final presentations of visual communications to meet the requirements of the brief. This involves applying the design process twice to meet each of the identified design needs. Having completed their brief and generated their ideas in Unit 3, students continue the design process by developing and refining concepts for each need stated in the brief.

Using separate design processes, students develop and refine design concepts that satisfy two identified needs of the brief. When selecting ideas to develop as concepts, students must ensure that each idea is discernibly different in intent and presentation format. They utilise a range of digital and manual two- and three- dimensional methods, media and materials. Students manipulate and apply design elements and design principles to create concepts that attract the interest of their target audience and convey the messages, ideas and information required to satisfy the brief.

Students work towards the final stage in the design process; the resolution of presentations by producing two final visual communications that are refinements of the design concepts previously developed. This involves selecting and applying materials, methods, media, design elements and principles appropriate to the designs and selected presentation formats. Students present their final visual communications by devising a pitch to explain their final design outcomes. Their pitch is informed by an evaluation of the ways that the final visual communications meet the requirements of the brief and design decisions made throughout the design process.
ENGLISH DEPARTMENT

OVERVIEW OF DEPARTMENT

We actively engage students in developing their communication skills in a wide variety of activities including:

- Reading fiction and non-fiction texts
- Writing for different audiences and for different purposes
- Speaking in class discussions, presentations and debates
- Listening to each other’s ideas, to the teacher’s and to guest speakers
- Viewing and responding to films as text
- Presentations of issues in the media

We support and promote:

- Use of learning technologies
- Debating and public speaking skills
- Extensive reading programs at years 7 -10
- Portfolios of work to chart AUSVELS progress
- Visits from guest speakers, writing workshops and theatre excursions

We offer:

In Junior school:
- A basic English course to develop skills throughout Year 7 and Year 8
- An Accelerated course for selected students
- Literacy Support in conjunction with the Literacy Coordination team

All of these are offered in addition to the Core English course:

- Advanced English to selected students at Year 10 level

VCE:
- English at both Years 11 and 12
- English Literature at both Years 11 and 12

VCAL:
- Literacy – Intermediate in Year 11 and Senior in Year 12

Recent successes:
- Each year we achieve excellent results from many students in both subjects.
- Outstanding results in the Australian Schools English Competition
- Winners in public speaking competitions
- Strong debating teams in the Debating Association of Victoria Competitions
- VCE English results above comparable schools
English: Year 10

VCE Unit Title: English A: Year 10
Subject Code: ENA10 1st Sem
Cost: approx $10

Unit Description:
This unit includes a wide range of activities designed to improve the students’ skills in the key areas of reading, writing and speaking and listening. Students will be involved in the detailed study of texts, including novels and media articles. In relation to the novel, they will consider characters and important features relating to the style, structure and themes of the text. They will develop the skills required to write text essays and produce a carefully constructed writing folio, which will contain writing to suit a range of purposes and intended for a range of audiences.

Assessment: There will be ongoing assessment in relation to the reading, writing, speaking and listening skills of the student. There are also specific assessment tasks relating to: Text Response, Writing Folio, Oral Communication and Exam.

VCE Unit Title: English B: Year 10
Subject Code: ENB10 2nd Sem
Cost: approx $10

Unit Description:
This unit is designed to introduce students to the works of Shakespeare through the close study of “Romeo and Juliet”. Through this study students will gain an understanding of Shakespearean language and the nature of the theatre in Elizabethan times, both of which will be useful in the study of other texts during their VCE. There is also a detailed study of current affairs and the ways in which issues are covered by and presented in the media. By focusing on particular issues, students will examine the devices used by writers to influence their readers. They will also learn to use these same devices to produce effective persuasive pieces of their own. Again, these skills will be instrumental in allowing students to successfully cope with the Issues tasks in VCE English.

Assessment: There will be ongoing assessment in relation to the reading, writing, speaking and listening skills of the student. There are also specific assessment tasks relating to: “Romeo and Juliet”, Writing Folio, Language Analysis and Exam.
**English: Year 10**

**VCE Unit Title:** Accelerated: Year 10B  
**Subject Code:** ENC10 & END10  
**Cost:** approx $20

**Unit Description:**
The 10B academic program includes a compulsory English subject that will act as a bridge between the expectations of Year 10 AUSVELS and Unit One VCE English. The construction of the course will reflect the elements of VCE English, those being ‘Reading and Responding’, ‘Creating and Presenting’ and ‘Using Language to Persuade.’ The assessment however will be based on the levels set by the AUSVELS curriculum and through the use of an Individual Learning Plan.

While these students have achieved the necessary skills for the completion of Year 10 English at the end of their 9B year, the idea of this course is to identify the strengths and weaknesses of each student and provide an individualised course that seeks to ‘value-add’ to their current skill set. The students will sit an exam that reflects the objectives that have been set for the year.

**Assessment:** Writing Folio, Language Analysis, Wide Reading and Exam.

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**VCE Unit Title:** Advanced English Year 10  
**Subject Code:** ENA10 & ENB10  
**Cost:** approx $20

Some students, depending on their work ethic and performance, may be recommended by their Year 9 English teacher and invited to enrol in the Advanced English course. While Semester Two is identical to the general English course, the text selected for Semester One is considered to be more challenging. Students are also expected to produce a piece of writing designed for a specific audience and purpose. Enrolment and participation in the Advanced English class is dependent on students maintaining a positive attitude to their studies and a strong work ethic.

**Assessment:** There will be ongoing assessment in relation to the reading, writing, speaking and listening skills of the student. There are also specific assessment tasks relating to: Text Response, Wide Reading, Writing Folio, Oral Communication and Exam.

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**VCE Unit Title:** Work Placement English Year 10  
**Subject Code:** ENA10 & ENB10  
**Cost:** approx $20

Students who choose the Work Placement Course at Year 10 are automatically enrolled for the year in the Work Placement English class. This has an identical course description to English, but may have fewer assessment pieces as students have fewer classes due to their one day a week placement. The class set text for Semester One may be different, but all Year 10 English courses include the study of “Romeo and Juliet” in Semester Two.

**Assessment:** There will be ongoing assessment in relation to the reading, writing, speaking and listening skills of the student. There are also specific assessment tasks relating to: Text Response, Wide Reading, Writing Folio, Oral Communication and Exam.
VCE Unit Title: English Unit 1  
Subject Code: EN011  
Cost: approx $5  

Unit Description:  
This unit aims to expose students to a range of texts, including film, short stories, novels and media articles. Through the close study of the fictional texts students will develop improved confidence and expertise in the writing of text essays, with particular emphasis on the logical organisation of ideas and the use of specific details and examples to support their comments. The study of current issues in the media will focus on the different types of media articles, the features of these articles and the ways in which writers seek to persuade their readers. The final area of study involves the continued development of skills in the Writing Folio.

VCE Unit Title: English Unit 2  
Subject Code: EN012  
Cost: approx $5  

Unit Description:  
This unit continues with the areas of study undertaken in English 1 and extends them in a number of ways. Students study novels and/or plays and film text, focusing on the techniques used and how these help to convey the key themes. In the Issues tasks, the emphasis is on the analysis of the language and devices used to persuade readers. As in Unit 1, students will also be expected to produce persuasive pieces of their own, in an ever-widening range of styles. They also produce essays based on analysing the way language is used in the print media. Formal and “in class” exams will help prepare students for these situations in Units 3 and 4. Oral presentations will be completed and students will produce a range of essays for different purposes and audiences as part of their Writing Folio.

VCE Unit Title: English Unit 3 & 4  
Subject Code: EN013 & EN014  
Cost: approx $5 per Unit  

Unit Description:  
These units build on skills developed over the previous years to see students produce increasingly complex and detailed responses to the outcome assessment tasks. Two texts are studied in each semester, ranging from films to plays, short stories and novels. In Unit 3 there is also a considerable amount of time completing analysis and persuasive tasks relating to an issue recently covered in the Australian media. Students will also complete a number of essays in different styles and for different purposes and audiences as part of their Writing Folio.
Literature

VCE Unit Title: Literature Unit 1
Subject Code: LI011
Cost: approx $5

Unit Description:
Students who are keen readers and fluent writers should seriously consider the study of Literature. This unit focuses on the ways literary texts represent human experiences and the reading practices students develop to broaden their understanding of a text. The focus is on contemporary Literature. Students study a film, a novel, a play and some poetry. Written responses include: literary essays, creative responses, journal entries and close analysis of passages. Some oral work is also included.

VCE Unit Title: Literature Unit 2
Subject Code: LI012
Cost: approx $35.00

Unit Description:
The focus of this Unit is on students’ critical and creative responses to texts. Students make comparisons between texts and deepen their understanding of their responses to aspects of texts such as the style of narrative, the characters, the languages and structure of the text. The texts studied are pre 1950. Written responses include comparative response, text essays, close analysis of passages, journal entries and a review. An oral presentation will also be completed.

VCE Unit Title: Literature Unit 3 & 4
Subject Code: LI013 & LI014
Cost: approx $5 per Unit

Unit Description:
The study of literature is a means of exploring human experience. It involves asking questions such as: Whose experiences and what experiences are given voice in the text? How are they created through the text’s use of language and literary devices? What does the text’s representation of characters and events suggest about the values and views of the text? These units examine such questions and involve students in analysing a range of texts, developing skills in reading closely and critically, and discussing and debating various ways of interpreting and evaluating texts.
OVERVIEW OF DEPARTMENT

The central focus of the Health and Physical Education Studies is to examine the factors that promote wellbeing in individuals, families and communities. The studies aim to develop an understanding of the physical, social and mental aspects of health, beginning with the individual and progressing to family, community and an international perspective. The studies recognise that health and development are influenced by lifestyle, environment, heredity and access to health services and the interaction between them.

Each study explores the impact of lifestyle as well as social and economic environments on health and development. The units also investigate the possibilities for change to promote wellbeing and improve health and development.

Health and Physical Education Subjects aim to develop in students:

- means by which participation in physical activity can integrate theory and practice.
- involvement in PHYSICAL EDUCATION providing opportunities for the development of skills and for students to reflect on factors which affect performance.
- means by which experiences in the outdoors or natural environments influence human development.
- an understanding of people’s relationships with the outdoors is the primary focus of OUTDOOR AND ENVIRONMENTAL EDUCATION. Activities enable students to develop a sympathetic understanding of natural environments which represent a contrast to everyday living environments.
- means by which students can examine factors influencing HUMAN DEVELOPMENT and HEALTH across the lifespan. Analysing roles of various agencies in providing for and supporting health development for the Individual, family and community in developed and developing countries.

SUBJECTS AVAILABLE

YEAR 10 UNITS
1. P.E: A Performance in Sport
2. P.E: B Women in Sport
3. P.E: C Fitness
4. Marine Rescue
5. Pre-driver Education
6. Leadership
7. Health & Human Development
8. Outdoor & Environmental Studies

VCE UNITS
1. Health & Human Development Units 1 to 4
2. Outdoor & Environmental Studies Units 1 to 4
3. Physical Education Units 1 to 4

VET UNITS
Sport & Recreation (VET) Certificate III
Year 10 Unit Title: PE: A Performance in Sport
Subject Code: PEA10
Cost: approx $50

Unit Description:
World Records are continually breaking as technology and science impact on the training programs of athletes. This unit looks at improvements made in sporting performance over time and also examines the role of drugs in sport. Practical activities include squash, golf, tenpin bowling and traditional sports.

Assessment: Assignment work, Investigation project, Workbook, Unit tests, Practical skills and Exam

Year 10 Unit Title: PE: B Women in Sport
Subject Code: PEB10
Cost: approx $50

Unit Description:
During the semester unit girls are involved in a range of fitness classes, both at school and at local recreational facilities. Students will learn about how gender has historically influenced women’s involvement in sport and look at Sporting Role Models. This is both a preparation for VCE P.E. (with an introduction to Body Systems) and a practical preparation for maintaining a healthy lifestyle away from organised sport.
Practical activities chosen from: squash, jogging program, body pump, aerobics, gymnastics, gym circuits, strength training, golf & aquarobics.

Assessment: Assignment work, Investigation project, Workbook, Unit tests, Practical skills and Exam

Year 10 Unit Title: PE: C Fitness
Subject Code: PEC10
Cost: approx $50

Unit Description:
Students will learn how to devise a training program to improve fitness specific to a sport of their choice. They will then complete the program and test themselves to ascertain whether their training has been successful. This is a unit for those with a desire to improve their fitness. Activities include weight training, fitness testing, fun runs and visits to various fitness centres.

Assessment: Assignment, Topic Tests, Game Analysis. Participation in a training program and different training methods, and Exam.
<table>
<thead>
<tr>
<th>Year 10 Unit Title</th>
<th>Marine Rescue</th>
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<tbody>
<tr>
<td>Subject Code:</td>
<td>RES10</td>
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<tr>
<td>Cost:</td>
<td>approx $100</td>
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**Unit Description:**
The advanced marine training program will prepare students for completion of the Vic Roads – Boat License and will also satisfy the requirements for safety boat crew participation at local sailing clubs. It will include both theoretical and practical training in competent boat handling, safety and rescue, first aid, radio and communications, coastal navigation, nautical engineering and co-operation with other emergency rescue services. The course will promote engagement in volunteer rescue organisations. The program can also be considered as an opportunity to prepare for a wide range of careers associated with boating activities in tourism, transport, fishing and the recreation industry. Some theory training will be conducted at school but most of the course will be conducted at the Sorrento Sailing Couta Boat Club. The course may entail weekend activities both on land and sea.

**Assessment:** Topic Tests, Research Reports, Workbook, Practical Reports and Exam

<table>
<thead>
<tr>
<th>Year 10 Unit Title</th>
<th>Health &amp; Human Development</th>
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</thead>
<tbody>
<tr>
<td>Subject Code:</td>
<td>HHD10</td>
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<tr>
<td>Cost:</td>
<td>approx $15</td>
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</tbody>
</table>

**Unit Description:**
This subject runs for one semester and is compulsory for all Year 10 students. The subject includes Health Knowledge and Promotion. This examines the physical, social and mental development over the lifespan. It focuses on safety and the identification of strategies to minimize harms associated with particular situations and behaviours. Students examine the promotion of health of individuals and communities and the provision of health resources, services and products. They examine the factors that influence food selection and the role of nutrition on growth and development. Students explore a range of issues relating to sexuality and sexual health. Students examine perceptions of challenge, risk and safety. They contrast risks that promote personal growth with those that endanger health.

**Assessment:** Topic Tests, Research Tasks and Exam

<table>
<thead>
<tr>
<th>Year 10 Unit Title</th>
<th>Pre-Driver Education</th>
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<tbody>
<tr>
<td>Subject Code:</td>
<td>PDE10</td>
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<tr>
<td>Cost:</td>
<td>approx $15</td>
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</tbody>
</table>

**Unit Description:**
Students investigate a variety of issues related to road use and traffic safety. Road law is studied and students can confidently attempt the ‘Learners Permit Test’. Practical activities provide students with an insight into the skills required when driving.

**Assessment:** Topic Tests, Research Reports, Workbook, Practical Reports and Exam.
HEALTH & P.E.  
Year 10

Year 10 Unit Title: ADVANCE (formerly Leadership) 
Subject Code: ADV10 
Cost: approx($150)

Unit Description:
This is a semester long elective. In this subject students complete their Bronze Medallion and learn a variety of skills relating to surf rescue and life guarding. Students will be able to patrol the surf beaches over summer. A Leadership camp is part of the program where students will go bushwalking and learn basic survival skills in the wilderness. Students begin the Duke of Edinburgh Award scheme where they can obtain Bronze and then go on to Silver and Gold awards if they wish to do so.

Assessment:
Completion of Bronze Certificate (The Duke of Edinburgh’s Award)  
- Completion on Bronze Medallion (Life Saving Victoria)  
- Topic tests  
- Assignments  
- Exam

NOTE: For all units, costs are associated with various camps and other practical experiences. These costs must be paid in full prior to the commencement of each unit.

Year 10 Unit Title: Outdoor & Environmental Studies
Subject Code: OES10 
Cost: approx. $410 Semester 1 & $445 Semester 2 
Two Experiential Learning Programs are included in each semester

Unit Description:
These units explore the foundation of Outdoor and Environmental Studies which primarily is the investigation of Self, Others and the Environment. Key topics include practical skills that will allow for independent minimal impact living, a history of human experiences with outdoor environments in Australia including Indigenous relationships with specific outdoor environments and the concept of sustainability.

Students engage in two overnight Experiential Learning Programs (ELP’s) which allow for an experiential connection to be made to the key topics listed above. Through these practical experiences students are provided with the basis for comparison and reflection, and opportunities to develop theoretical knowledge and skills about specific natural environments when engaging with the classes Academic Learning Program.

Experiential Learning Programs (Overnight Camps) include:

Semester 1 – Marine and Coastal environment focus.  
- An aquatic based Adventure & Recreational Experience Program on the coast of Victoria.  
- A Bushwalk Journey in a managed National Park.

Semester 2 – Alpine & Coastal environment focus.  
- An alpine focused Snow Camping and Snow Recreation experience in and around a commercial Victorian Ski Resort.  
- A Bushwalk Journey in a managed National Park.

Assessment: Practical application of knowledge and skills – Practical Reports (including the maintenance of a log book); Investigation Project – Values of Wilderness; Practical Exercises and Exam.
**Health & Human Development**

**VCE Unit Title:** Health & Human Development Unit 1  
**Subject Code:** HH011  
**Cost:** approx $15

**Unit Description:**  
This unit focuses on the health and individual human development of Australia’s youth. There are many factors that influence health and individual human development of youth, including the importance of nutrition. Students will also investigate one health issue in detail and analyse personal, community and government strategies or programs that affect youth health and individual human development.

**VCE Unit Title:** Health & Human Development Unit 2  
**Subject Code:** HH022  
**Cost:** approx $15

**Unit Description:**  
This unit focuses on the health and individual human development for the lifespan stages of prenatal, childhood and adulthood. Individual human development involves a series of orderly and predictable changes, which can be classified as physical, social, emotional and intellectual. Students will also investigate health issues in detail and analyse personal, community and government strategies and programs that affect the health and individual human development of mothers and babies, children and adults.

**VCE Unit Title:** Health & Human Development Unit 3 & 4  
**Subject Code:** HH033 & HH034  
**Cost:** approx $50 (each semester)

**Unit Description:**  
**Unit 3** In this unit students develop an understanding of the health status of Australians by investigating the burden of disease and the health of population groups in Australia. Students will learn how to use key health measures to compare health in Australia and analyse how determinates of health, including the physical environment, biological, behavioral and social, contribute to variations in health status. Students will also examine the development of the National Health Priority Areas (NHPAs) and the different models of health and health promotion.

**Unit 4** In this unit students will identify similarities and differences in the health status between people living in developing countries and Australians, and analyse reasons for the differences. Students will also explore and consider strategies designed to promote health and sustainable human development globally, as well as Australia’s contribution to international health programs and contribution to non-government organisations.
OUTDOOR & ENVIRONMENTAL EDUCATION

NOTE: For all units, costs are associated with various camps and other practical experiences. These costs must be paid in full prior to the commencement of each unit.

VCE Unit Title: Outdoor & Environmental Studies Unit 1
Subject Code: OS011
Cost: approx $360 per semester
Three Experiential Learning Programs Included

Unit Description:
Exploring Outdoor Experiences
This unit examines the ways in which humans understand and relate to nature through experiences of outdoor environments. The focus is on individuals and their personal responses to and experiences of outdoor environments. Students are provided with the opportunity to explore the many ways in which nature is understood and perceived. Through outdoor experiences, students develop practical skills and knowledge to help them live sustainably in outdoor environments. Students understand the links between practical experiences and theoretical investigations, gaining insight into a variety of responses to, and relationships with, nature.

VCE Unit Title: Outdoor & Environmental Studies Unit 2
Subject Code: OS022
Cost: approx $360 per semester

Unit Description:
Discovering Outdoor Environments
This unit focuses on the characteristics of outdoor environments and different ways of understanding them, as well as the human impact on outdoor environments. In this unit students study nature’s impact on humans, as well as the ecological, social and economic implications of human impact on outdoor environments. Students develop a clear understanding of the impact of technologies and changing human lifestyles on outdoor environments. Students examine a number of case studies of specific outdoor environments, including areas where there is evidence of human intervention. They develop the practical skills required to minimise human impact on outdoor environments. Students are provided with practical experiences as the basis for comparison between outdoor environments and reflection to develop theoretical knowledge about natural environments.
OUTDOOR & ENVIRONMENTAL EDUCATION

NOTE: For all units, costs are associated with various camps and other practical experiences. These costs must be paid in full prior to the commencement of each unit.

VCE Unit Title: Outdoor Education Unit 3 & 4
Subject Code: OS033 & OS034
Please Note: (These two units must be studied together)
Cost: approx $720 for the Entire Year
Three Experiential Learning Programs Included

Unit Description:
Unit 3: Relationships with Outdoor Environments
The focus of this unit is the ecological, historical and social contexts of relationships between humans and outdoor environments in Australia. Case studies of impacts on outdoor environments are examined in the context of the changing nature of human relationships with outdoor environments in Australia.
Students are involved in one or more experiences in outdoor environments, including in areas where there is evidence of human interaction. Through these practical experiences students are provided with the basis for comparison and reflection and opportunities to develop theoretical knowledge and skills about specific natural environments.

Unit 4: Sustainable Outdoor Relationships
In this unit students explore the sustainable use and management of outdoor environments. They examine the contemporary state of environments in Australia, consider the importance of healthy outdoor environments and examine the issues in relation to the capacity of outdoor environments to support the future needs of the Australian population.
Students examine the importance of developing a balance between human needs and the conservation of outdoor environments and consider the skills needed to be environmentally responsible citizens.
Students engage in one or more related experiences in outdoor environments. They learn and apply the practical skills and knowledge required to sustain healthy outdoor environments, and evaluate the strategies and actions they employ. Through these practical experiences students are provided with the basis for comparison and reflection and opportunities to develop and apply theoretical knowledge about outdoor environments.

Rosebud Secondary College – Course Selection Handbook

Health & PE
## VCE Unit Title: Physical Education Unit 1  
### Subject Code: PE011  
### Cost: approx $40

**Unit Description:**  
In this unit students explore how the body systems work together to produce movement and analyse this motion using biomechanical principles.

## VCE Unit Title: Physical Education Unit 2  
### Subject Code: PE022  
### Cost: approx $40

**Unit Description:**  
This unit explores a range of coaching practices and their contribution to improved performance of an athlete. Students are introduced to physical activity and the role it plays in the health and wellbeing of the population.

## VCE Unit Title: Physical Education Unit 3 & 4  
### Subject Code: PE033 & PE034  
### Cost: approx $50 (each semester)

**Unit Description:**  
**Unit 3** Students explore the promotion and monitoring of physical activity. This unit examines physiological responses to physical activity.  

**Unit 4** Students plan, implement and evaluate a training program. Students investigate performance enhancement and recovery strategies relation to physical activity.
OVERVIEW OF HUMANITIES

Humanities in the Senior Sub School provides students with the opportunity to specialise in subjects from the learning disciplines of Geography, History, Business Management, Legal Studies and Accounting and Philosophy. All Humanities subjects at VCE provide students with career pathways to tertiary courses, whilst enabling students to acquire life skills in practical and research investigations which are highly relevant to a wide range of occupations and decision making in everyday adult life.

All VCE subjects in the Humanities Learning Area provide students with the opportunity to use learning technology as a means of accessing and presenting information, not only through the acquisition of skills in generic software such as Microsoft Word, Publisher and Excel, but through a range of stimulating subject-specific software and the Internet.

The Humanities Learning Area has ensured that a focal point of all subjects is the provision of opportunities for students to participate in learning experiences outside the classroom, through either excursions, fieldwork, camps or by speakers or organisation representatives visiting the College to address students.

The Humanities Learning Area has also developed a policy for providing greater access for students to VCE subjects to enhance their options. Students are encouraged in Year 10 to consider opting to study a Unit 1 or 2 VCE Humanities unit or alternatively to consider opting to study Unit 3 or 4 in Year 11. Humanities teachers have accommodated Year 11 and 12 students within the one class where practicable or alternatively provided support for students who elect to undertake VCE subjects in the Humanities learning area through the Distance Education Centre.

SUBJECTS AVAILABLE

YEAR 10 UNITS
- Money Management
- Civics in Action
- Geography
- Modern History
- Work Placement Program

YEAR 11 & 12 UNITS
- Accounting
- Business Management
- Geography
- History – Australian and Revolutions
- Legal Studies
- Philosophy
- Some students have also elected to study a University Enhancement subject at Year 12
# Humanities: Year 10

<table>
<thead>
<tr>
<th>Year 10 Unit Title</th>
<th>Geography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Code:</td>
<td>GEO10</td>
</tr>
<tr>
<td>Cost:</td>
<td>approx $20 plus approx $230 for camp</td>
</tr>
</tbody>
</table>

**Unit Description:**
In Geography students will apply inquiry-based strategies to investigate issues and communicate their findings as a range of scales: local, regional, national and global. They become increasingly aware of the global links between societies, cultures and natural environments and the impact of globalisation on their own and other people's lives. Students use their understanding of sustainability to evaluate various management strategies and develop policies to resolve an issue.

**Assessment:** Class Activities, Research, Field Investigation, Tests and Exam.

<table>
<thead>
<tr>
<th>Year 10 Unit Title</th>
<th>Money Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Code:</td>
<td>MMA10</td>
</tr>
<tr>
<td>Cost:</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Unit Description:**
‘Money Management’ is designed to be the perfect introductory subject for VCE Accounting and Business Management. This subject aims to empower students with financial knowledge and awareness. We examine the Australian Economy; how and why goods and services are produced, demand and supply and current economic issues (for instance, inflation). Students will also have the opportunity to play the online ASX Share market Game with a fictional $50,000 portfolio. We learn about personal financial literacy: saving, spending, investing and the management of personal and business finances, taxation and budgeting. This subject is ideal for any student aiming to make sound financial decisions now, and in the future.

**Assessment:** Class Activities, Research, Tests and Exam.

<table>
<thead>
<tr>
<th>Year 10 Unit Title</th>
<th>Civics in Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Code:</td>
<td>CIA10</td>
</tr>
<tr>
<td>Cost:</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Unit Description:**
‘Civics in Action’ is the ideal introductory subject for VCE Legal Studies and Year 11 History. The four main areas of study are: Civil & Criminal law, Australia’s Political System, Law-making in Australia and Human Rights. Throughout the course, students will examine how individuals have the power to make a difference in their community on a global scale, by being involved in a Group Community Action Plan. Students will develop invaluable communication, planning and interpersonal skills essential to success in the future, at school and beyond. This is a subject with a difference and will offer a variety of experiences and challenges.

**Assessment:** Class Activities, Research, Tests and Exam.
Humanities: Year 10

Year 10 Unit Title: History (Modern)
Subject Code: HIS10
Cost: $0

Unit Description:
This unit focuses on Australia and provides students with the opportunity to study significant world events and developments in the 20th Century. Students will investigate how Australia became a modern nation and how our view of ourselves has changed over time. Topics include the World and Australia after World War 1, World War 2, the World and Australia after World War 2, Rights and Freedoms and the Migration Experience.

Assessment: Document Studies, Essays, Research Assignment, Film reviews and Exam.

Year 10 Unit Title: Work Placement A & B
Subject Code: WPA10 & WPB10
Cost: approx $50 per semester

Unit Description:
Information for this program is contained at the end of the Humanities section of the handbook.
Accounting

VCE Unit Title: Accounting Unit 1
Subject Code: AC011
Cost: $0

Unit Description:
This unit focuses on accounting and financial management of a small business. The fundamental processes of gathering, recording, reporting, analysing, interpreting and evaluating financial information for financial decision-making are introduced. It uses the single entry method for sole proprietor service businesses and reports are prepared using the cash basis.

VCE Unit Title: Accounting Unit 2
Subject Code: AC022
Cost: $0

Unit Description:
This unit develops further the single entry system. It considers the impact credit transactions, accrual accounting and trading firms have on an accounting system. Students are required to use information technology to prepare information for recording and reporting. Some double entry accounting may be introduced toward the end of the course.

VCE Unit Title: Accounting Unit 3 & 4
Subject Code: AC033 & AC034
Cost: $0

Unit Description:
Units 3 and 4 are designed to be taken as a sequence.

Unit 3 introduces or extends double entry accrual accounting for sole proprietor trading firms using the perpetual inventory method. Students are required to use information technology (in addition to manual recording) to prepare information for recording, present reports for financial decision making and prepare a written evaluation of reported information.

Unit 4 develops further the role of accounting as an information system. It considers the impact of additional types of transactions and alternative approaches in accounting and their effects on reports. Reports for multi-activity firms and budgeted reports are also covered in this unit.
Business Management

VCE Unit Title: Business Management Unit 1
Subject Code: BM011
Cost: approx $0

Unit Description:
This unit studies generic business concepts, which apply to the management of organisations of varying size, complexity or industry setting. It also involves a consideration of the range of activities related to the planning and operation of a small business.

VCE Unit Title: Business Management Unit 2
Subject Code: BM022
Cost: approx $0

Unit Description:
This unit studies how change affects management of small business and investigates how management responds. It also involves consideration of the relationship of management with the operating environment and the planning and marketing processes. This unit focuses on several aspects of small business management: management in a time of change, management as a communication process and management as a planning process to position its products in the marketplace.

VCE Unit Title: Business Management Unit 3 & 4
Subject Code: BM033 & BM034
Cost: approx $0

Unit Description:
Unit 3
Examines the role and importance of large-scale organisations to the Australian economy. It considers management styles and skills and the management of change.

Unit 4
Examines human resource management practices and processes and operations management practices and processes in large-scale organisations in Australia.
Geography

**HUMANITIES**

**VCE Unit Title:** Geography Unit 1  
**Subject Code:** GE011  
**Cost:** approx $30

Geography is the study of places on the earth, the people who live there and the environments that support them. Students are encouraged to use a wide range of data to explore different global environments including maps, visual data, videos and data they collect themselves from survey and personal fieldwork observations. Geography encourages students to develop a global perspective on the world in which they live and gives them the opportunity to consider ways in which their actions may impact on the future of the environment both locally and globally.

**Unit Description:**
Explores how environments in different locations change over time; both natural and human environments are explored. Students develop research and practical skills of collecting and organising information through fieldwork excursions.

**VCE Unit Title:** Geography Unit 2  
**Subject Code:** GE022  
**Cost:** approx $15 plus approx $75 for camp

**Unit Description:**
Investigates how physical and human indicators around the globe and locally influence the living conditions of different people. What factors make for differences in the quality of life are explored through Internet research, current world issues and a fieldwork excursion to Melbourne.

**VCE Unit Title:** Geography Unit 3 & 4  
**Subject Code:** GE033 & GE034  
**Cost:** approx $50 Unit 3 & $0 Unit 4

**Unit Description:**
**Unit 3** Investigates the nature and distribution of resources and the variations in their use over time and place. The particular resources studied include water and the Murray Darling Basin and the issues associated with their distribution and use. A fieldwork excursion to Phillip Island in Term 2 will enable students to develop an understanding of management issues related to resource use.

**Unit 4** Investigates the geographic characteristics of global phenomenon and their impact on people and places. Global phenomena are major natural processes or human events that affect significant parts of the globe. Particular phenomena are studied in detail including population movements (refugees, migration, environmental catastrophes) and climate change. This unit focuses on the ways in which people and organisations respond to the impact of global phenomena.
VCE Unit Title: History Unit 1
Subject Code: HI031
Cost: $0

Unit Description:
This unit examines the emergence and main features of new types of government in the first half of this century - liberal democracy, socialism, communism and fascism. Students use a variety of evidence to investigate the conflict that resulted from the introduction of these new political ideas, and the great social and economic changes that were taking place. Students will study the causes and effects of the Russian Revolution and explain the rise to power of Nazis in Germany. Students will examine what people who lived at this time thought about these changes.

VCE Unit Title: History Unit 2
Subject Code: HI042
Cost: $0

Unit Description:
This unit provides students with the opportunity to research and investigate main world events and themes of post-World War II history. These include the Cold War, the Vietnam War and the emergence of social movements such as the Black Civil Rights Movement, the International Women’s Movement and the Peace Movement. Students will examine the great changes which have occurred in mass communications and the audio-visual media, and will analyse the vital role this technology has played in world events.

VCE Unit Title: Australian History Unit 3 & 4
Subject Code: HI083 & HI084
Cost: $0

Unit Description: Australian History Units involve the study and practice of making meaning out of the past Australian experience, and the issues and problems of establishing and representing that meaning. In Units 3 & 4, students will study life in colonial Australia and the development from colony to nation, research social conditions during the Great War and examine the issues and divisions in Australia resulting from Conscription and our involvement in the Vietnam War. Excursions and guest speakers are some of the resources used to enable students to make their understanding of their country’s past more meaningful.

VCE Unit Title: History: Revolutions Unit 3 & 4
Subject Code: HI133 & HI134
Cost: $0

Unit Description: Historians have put forward different theories about the causes of revolution. Some focus on the role of leaders and revolutionaries in the development of the revolution. Others focus more on social inequality and ideological conflicts. Students will study two revolutions, the American in Unit 3 and the Chinese in Unit 4. For each revolution, students will study the development of the revolution in ‘Revolutionary ideas, leaders, movements and events’ (Area of Study 1) and the problems faced after a revolution in ‘Creating a new society’ (Area of Study 2).
VCE Unit Title: Legal Studies Unit 1
Subject Code: LS011
Cost: $0

Unit Description:
Criminal law and justice: This unit explores the distinction between legal and non-legal rules, the Victorian court hierarchy and the process of making laws through Parliament. It focuses on the role of the police, their powers of investigation, the procedures of a criminal trial and an examination of possible sanctions (punishments) that are available to the criminal courts. Students also explore the concepts of fairness and justice within the criminal justice system.

VCE Unit Title: Legal Studies Unit 2
Subject Code: LS022
Cost: $0

Unit Description:
Civil law and the law in focus: This unit focuses on how civil disputes are resolved. It looks at civil litigation and possible defenses which enforce the civil rights of our citizens. Students investigate court resolution of civil disputes as well as alternative ways of resolving disputes. Current legal issues are studied.

VCE Unit Title: Legal Studies Unit 3 & 4
Subject Code: LS033 & LS034
Cost: $0

Unit Description:
Law making: This unit enables students to understand how laws are made. It looks at why laws are necessary and the importance of the Commonwealth Constitution. Students study the strengths and weaknesses of the law-making bodies, how change and reform occurs and how rights are protected.

Dispute resolution: This unit examines how courts, tribunals and alternative avenues of dispute resolution function. Students learn about criminal and civil trials in Victoria, the adversary and the jury systems. Students evaluate Victoria’s legal system and make suggestions for improvement and reform.
VCE Unit Title: Philosophy Unit 1
Subject Code: PL011
Cost: approx $0

Unit Description: Existence, knowledge and reasoning
What is the nature of reality? How can we acquire certain knowledge? These are some of the questions that have challenged humans for millennia and underpin ongoing endeavours in areas as diverse as science, justice and the arts. This unit engages students with fundamental philosophical questions, through active, guided investigation and critical discussion of two key areas of philosophy: epistemology and metaphysics. The emphasis is on philosophical inquiry – ‘doing philosophy’ – and therefore the study and practice of techniques of logic are also central to this unit. Students investigate relevant debates in applied epistemology and metaphysics, and consider whether the philosophical bases of these debates continue to have relevance in contemporary society and our everyday lives.

VCE Unit Title: Philosophy Unit 2
Subject Code: PL022
Cost: approx $0

Unit Description: Questions of Value
What are the foundations of our judgments about value? What is the relationship between different types of value? How, if at all, can particular value judgments be defended or criticised? This unit invites students to explore these questions in relation to different categories of value judgment within the realms of morality, political and social philosophy and aesthetics. Students also explore ways in which viewpoints and arguments in value theory can inform and be informed by contemporary debates.

VCE Unit Title: Philosophy Unit 3 & 4
Subject Code: PL033 & PL034
Cost: approx $10 (each semester)

Unit Description: Minds, Bodies & Persons
Are human beings more than their bodies? Is there a basis for the belief that an individual remains the same person over time? This unit considers basic questions regarding the mind and the self. Students critically compare the arguments put forward in set texts from the history of philosophy to their own views on those questions and to contemporary debates. Unit 3 Philosophy encourages students to understand the difference between mere viewpoints and well-reasoned arguments. Students will also consider viewpoints and arguments in other spheres of discourse, such as religion, psychology, sociology and politics.

Unit Description: The Good Life
What is it for a human to live well? What does an understanding of human nature tell us about what it is to live well? What is the role of happiness in a well lived life? Is morality central to a good life? How does our social context impact on our conception of a good life? In this unit, students explore texts by both ancient and modern philosophers that have had a significant impact of contemporary western ideas about the good life. Unit 4 Philosophy encourages students to understand the difference between mere viewpoints and well-reasoned arguments. Students will also consider viewpoints and arguments in other spheres of discourse, such as religion, psychology, sociology and politics.
The Work Placement Program will be offered to students enrolled in Year 10.

Students who are successfully selected will have the opportunity to participate in a one day per week work experience program gaining ongoing workplace knowledge and skills.

The program should, where possible, be linked to other suitable subject choices depending on career goals.

The program aims to promote self esteem and confidence, both in the workplace and school.

Only a limited number of students can be accepted into the program and students and parents will be required to attend an interview.

Students will be mentored and contacted on a regular basis by the Work Place Coordinator or staff member, who will be a liaison person for student, parent and employer.

First Aid Qualification (Emergency Life Support) (Approximately $30)

Involves a subject cost of approximately $50 per year.

CIC (Construction Induction Card) may also be a requirement for some work sites costing approx $90, and delivered at Rosebud Secondary College.

Prepares students for studying a VET program as part of VCE or VCAL.

**HOW DO I ENROL IN THIS PROGRAM?**

- Find out more about the program from your Year Level Coordinator or the Work Place Coordinator (Careers Office)
- Fill out an Expression of Interest form
- Attend an interview scheduled for Term 3

**Assessment:** Log Book, Folio, Industry & Career investigations
OVERVIEW OF DEPARTMENT

At Rosebud Secondary College students have the opportunity to study either Indonesian or Japanese to VCE level.

The study of Languages aims to develop effective verbal and written communication and to foster in students an appreciation of different cultures, values, beliefs and lifestyles. Opportunities will be provided for students to participate in simulated and whenever possible, real situations in order to gain confidence in practical communication. Students often have access to native speaking teachers and exchange students to complement the program. Whenever possible, students will be provided with practical experiences such as performing plays, cooking and watching films.

We also aim to prepare students well for future use of Languages at tertiary level or for leisure, travel and hopefully future careers. Opportunities will be provided for students to access a wide range of resources and to participate in student exchanges and in-country study tours. Student trips to Indonesia and Japan run every two years and our sister school from Japan visits us every year in August. Students are provided with interactive computer technology to assist their learning and this is an area that we will be extending in the future. Our students have been extremely successful over the years and have been able to use their language in a range of careers in business, tourism and teaching. With the globalisation of our society, language skills will be a valuable asset in an even wider range of careers in the future.

Senior Languages classes are traditionally small in size, allowing maximum participation and assistance at this important time in students’ lives. It has long been believed that learning Languages enables students to acquire cognitive skills that are transferable to other learning areas. Studying Languages will help foster in students a greater appreciation of different cultures and their place in the world. It will also broaden their career options for the future by better enabling them to compete in a globalised world.

SUBJECTS AVAILABLE

<table>
<thead>
<tr>
<th>YEAR 10 UNITS</th>
<th>VCE UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indonesian A</td>
<td>INDONESIAN Units 1 to 4</td>
</tr>
<tr>
<td>Indonesian B</td>
<td>JAPANESE Units 1 to 4</td>
</tr>
<tr>
<td>Japanese A</td>
<td></td>
</tr>
<tr>
<td>Japanese B</td>
<td></td>
</tr>
</tbody>
</table>
VCE Unit Title: Indonesian A  
Subject Code: INA10  
Cost: approx $8

**Unit Description:**  
In this unit of Indonesian students will, both orally and in written form, study topics such as: travelling in Indonesia and ceremonies and celebrations. General conversation skills and more complex grammatical structures are introduced and consolidated.  
**Assessment:** Oral Performance, Language/Cultural tasks, Listening Tasks, Written Tests and Exam

VCE Unit Title: Indonesian B  
Subject Code: INB10  
Cost: approx $8

**Unit Description:**  
This unit aims to further expand and consolidate the student’s ability to listen, speak, read and write in Indonesian in preparation for undertaking VCE Indonesian. Topics covered include: student exchange, health and village and city life.  
**Assessment:** Oral Performance, Language/Cultural tasks, Listening Tasks, Written Tests and Exam

VCE Unit Title: Japanese A  
Subject Code: JAA10  
Cost: approx $8

**Unit Description:**  
In this unit of Japanese students will, both orally and in written form, study topics such as: holidays and activities, school & study and shopping. Further Japanese Kanji, grammar and vocabulary, based on conversational Japanese, will be introduced within these topics.  
**Assessment:** Oral Performance, Language/Cultural tasks, Listening Tasks, Written Tests, Kanji Katakana and Exam

VCE Unit Title: Japanese B  
Subject Code: JAB10  
Cost: approx $8

**Unit Description:**  
This unit aims to further expand and consolidate the student’s ability to listen, speak, read and write in Japanese, in preparation for undertaking VCE Japanese. Topics covered include: daily routine, letters to a pen friend and exchanging presents. Further Kanji will also be introduced.  
**Assessment:** Oral Performance, Language/Cultural tasks, Listening Tasks, Written Tests, Kanji Katakana and Exam.
Indonesian

VCE Unit Title: Indonesian 1
Subject Code: L0401
Cost: approx $15

Unit Description:
Students will develop reading, writing, listening and speaking skills through the study of the following three themes – the Individual, Indonesian Speaking Communities and the Changing World which are common to all four units of study. Prepared texts and other material will be used. Development of grammar and extension of vocabulary will be emphasised. Specific topics may include: personal world, lifestyles, beliefs and celebrations and student accommodation.

VCE Unit Title: Indonesian 2
Subject Code: L0402
Cost: approx $15

Unit Description:
Students will continue to develop reading, writing, listening and speaking skills through the study of a range of topics that may include: environmental issues, education and aspirations, tourism, arts and entertainment. Fluency and sophistication of language will be aimed for, through continued development of grammar and vocabulary.

VCE Unit Title: Indonesian (Second Language) Unit 3 & 4
Subject Code: L0403 & L0404
Cost: approx $15 (each semester)

Unit Description:
Course pre-requisite: Satisfactory completion of Units 1 & 2 Indonesian at Year 11 level. Topics studied in Units 3 & 4 may include – Education, Environmental Issues and Important people and events in Indonesian history. School assessed coursework includes a 250-300 word personal or imaginative written piece, Response to spoken and written texts and a 3-4 minute role-play.
In Term 3 the students are expected to undertake a detailed study based on a sub-topic study related to one or more of the prescribed topics. This constitutes a 250-300 word informative, persuasive or evaluative written response and a 3-4 minute interview on an issue related to the texts studied. Students are required to discuss their detailed study in the discussion section of the oral examination.

Assessment: There are three tasks to be completed based on the Outcomes in each Unit. The school- assessed coursework contributes 50 percent to the final assessment and two end of year examinations (oral and written) contribute 50 percent to the final assessment. Reading, Writing, Listening and Speaking are assessed both in school-assessed coursework and in the end of year exams.
JAPANESE

VCE Unit Title: Japanese Unit 1
Subject Code: LO461
Cost: approx $15

Unit Description:
Students will develop reading, writing, listening and speaking skills through the study of the following three themes – the individual, the Japanese Speaking Communities and the Changing World which are common to all four units of study. Japanese prescribed texts and other materials will be used. Development of grammar and extension of vocabulary and Kanji will be emphasised. Specific topics include Japanese families, festivals and events, popular Japanese and Australian food.

VCE Unit Title: Japanese Unit 2
Subject Code: LO462
Cost: approx $15

Unit Description:
Students will continue to develop reading, writing, listening and speaking skills through the study of the following three themes – the Individual, the Japanese Speaking Communities and the Changing World which are common to all four units of study. Prescribed texts and other materials will be used to assist with the further development of Kanji, grammar and vocabulary. Specific topics include: Travelling to Japan, introducing my Country and City to Japanese people, Japanese schools and my school and Career / Part-time jobs.

VCE Unit Title: Japanese (Second Language) Unit 3 & 4
Subject Code: LO463 & LO464
Cost: approx $15 Unit 3 & $40 Unit 4

Unit Description:
Course prerequisite: Satisfactory completion of Units 1 & 2 Japanese at Year 11 level. Themes studied in Units 3 & 4 are common to Units 1 & 2. The students are required to undertake a detailed study based on a sub-topic related to one or more of the prescribed topics in one of the themes. Students are required to discuss their detailed study in the discussion section of the oral examination.

Assessment: There are three tasks to be completed based on the Outcomes in each Unit. The School Assessed Coursework contributes 50 percent to the final assessment and two end of year examinations (oral and written) contribute 50 percent to the final assessment. Reading, writing, listening and speaking are assessed both in school assessed coursework and in the end of year exams.
OVERVIEW OF DEPARTMENT

The Maths faculty provides a wide range of programs which are able to meet different student needs, including:

- real life and relevant programs for students about to enter the workforce;
- programs to prepare students for tertiary studies in Mathematics and the Sciences;
- programs for students who have a general interest in Mathematics but do not wish to pursue a scientific career pathway.

All programs in Maths aim to:

- make extensive use of the latest learning technologies including computer applications and graphic calculators;
- build on real life and practical situations to show the relevance and value of maths in everyday life;
- develop analytical and problem solving as well as general Maths skills;
- ensure students develop good work habits through regular homework programs.

Key features of the Mathematics faculty include:

- a full range of teaching resources and materials including a fully stocked Maths Task Centre, class sets of graphic calculators, and an increasing number of classroom based computers as well as access to computer labs as required; Remedial support programs for students with some problems in their understanding of mathematics as well as acceleration and extension programs for high achieving students;
- consistently high VCE results which exceed state averages and results from comparable schools;
- consistently strong results by students in the Australian Maths Competition.

SUBJECTS AVAILABLE

YEAR 10 UNITS
1. CORE MATHEMATICS
2. FOUNDATION MATHEMATICS
3. ADVANCED MATHEMATICS (For selected students)
4. MATHS IN ACTION (Elective)

VCE UNITS
1. FOUNDATION MATHEMATICS Units 1 & 2
2. GENERAL MATHEMATICS FURTHER: Units 1 & 2
3. GENERAL MATHEMATICS: SPECIALIST Units 1 & 2
4. MATHS METHODS (CAS) Units 1 to 4
5. FURTHER MATHEMATICS Units 3 & 4
6. SPECIALIST MATHEMATICS Units 3 & 4
Guide to Selecting Mathematics Units at VCE

UNITS 1 & 2 (Mainly Year 11)

- General Maths (Specialist) 1 & 2
- Maths Methods (CAS) 1 & 2

UNITS 3 & 4 (Mainly Year 12)

- Specialist Maths 3 & 4
- Maths Methods (CAS) 3 & 4

Why choose a particular VCE mathematics sequence?
There may be several reasons:
- The tertiary course requires that subject. (Careers advice)
- I will have a better preparation for a range of careers.
- I want to get the bonus ATAR score for Specialist and/or Methods.

Consider this table: (What happens to study scores in Mathematics?)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Study Score</th>
<th>ATAR (Scaled) Score (2013)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specialist Maths.</td>
<td>30</td>
<td>43</td>
</tr>
<tr>
<td>Maths. Methods</td>
<td>30</td>
<td>36</td>
</tr>
<tr>
<td>Further Maths.</td>
<td>30</td>
<td>28</td>
</tr>
</tbody>
</table>

Rosebud Secondary College – Course Selection Handbook

Mathematics
Consider the graph below:

<table>
<thead>
<tr>
<th>Study Score</th>
<th>Top … %</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>2</td>
</tr>
<tr>
<td>40</td>
<td>8</td>
</tr>
<tr>
<td>35</td>
<td>24</td>
</tr>
<tr>
<td>30</td>
<td>50</td>
</tr>
<tr>
<td>25</td>
<td>76</td>
</tr>
<tr>
<td>20</td>
<td>92</td>
</tr>
</tbody>
</table>

**Is it easier to be in the top 8% or the top 50%?**
To get the same ATAR scaled score in Methods and Further (e.g. 37) you have to be in the top 8% of all Further students in Victoria, compared to Methods where you need to be in the top 50%!

Choose Mathematics Methods(CAS) and/or Specialist Mathematics if ..

- You are prepared to **work hard** in a demanding subject
- You **like** algebra and graphs
- You **don’t give up** when the **going gets tough**
- You are prepared to seek **assistance** when needed
- You are planning a career in the **physical sciences**
- You can put in **at least** 3 hours on coursework per week out of class

In 2015 the Methods course requires a CAS calculator. At Rosebud SC, we will be using the TI-nspire CX CAS calculator.

**Except for Foundation Mathematics, All VCE Mathematics studies require a graphics calculator.** At Rosebud S.C. we use the TI-nspire CX CAS graphics calculator.

**Scaling information (VTAC) can be sourced using:**
- **The Choices Booklet**
- **Careers and Work Education Office**
Year 10 Subject Title: Year 10 Maths – A & B
Subject Code: MAA10 & MAB10
Cost: approx $6 per semester

Unit Description: This unit of mathematics provides a comprehensive mathematical foundation for further studies in mathematics. Students develop mathematical ideas and skills around the interaction of three content strands.

Number and Algebra: Students apply the index laws to variables and numbers, express numbers in scientific notation, solve problems involving very small and very large numbers, and check the order of magnitude of calculations. They solve problems involving simple and compound interest. Students use the distributive law to expand algebraic expressions and simplify a range of algebraic expressions. They find the distance between two points on the Cartesian plane and the gradient and midpoint of a line segment using a range of strategies including the use of digital technology. Students sketch and draw linear and non-linear relations, solve simple related equations and explain the relationship between the graphical and symbolic forms, with and without the use of digital technology.

Measurement and Geometry: Students solve measurement problems involving perimeter and area of composite shapes, surface area and volume of rectangular prisms and cylinders, with and without the use of digital technology. They relate three-dimensional objects to two-dimensional representations. Students explain similarity of triangles, interpret ratios and scale factors in similar figures, and apply Pythagoras's theorem and trigonometry to solve problems involving angles and lengths in right-angled triangles.

Statistics and Probability: Students compare techniques for collecting data from primary and secondary sources, and identify questions and issues involving different data types. They construct histograms, back-to-back stem-and-leaf plots, and parallel boxplots with and without the use of digital technology. Students identify mean and median in skewed, symmetric and bi-modal displays and use these to describe and interpret the distribution of the data. They calculate relative frequencies to estimate probabilities. Students list outcomes for two-step experiments and assign probabilities for those outcomes and related events.

Assessment: Assignments, topic tests, homework, projects, problem solving tasks and semester examinations.
Year 10 Subject Title: Year 10 Advanced Mathematics – A & B
Subject Code: MAA10 & MAB10
Cost: approx $6 per semester

Unit Description: This unit of mathematics provides an extensive mathematical preparation for the higher levels of mathematics and science. Students develop mathematical ideas and skills within three content strands.

Number and Algebra: Students recognise the connection between simple and compound interest. They solve problems involving linear equations and inequalities, quadratic equations and pairs of simultaneous linear equations and related graphs, with and without the use of digital technology. Students substitute into formulas, find unknown values, manipulate linear algebraic expressions, expand binomial expressions and factorise quadratic expressions, with and without the use of digital technology. They represent linear, quadratic and exponential functions numerically, graphically and algebraically, and use them to model situations and solve practical problems.

Measurement and Geometry: Students solve and explain surface area and volume problems relating to composite solids. They use parallel and perpendicular lines, angle and triangle properties, similarity, trigonometry and congruence to solve practical problems and develop proofs involving lengths, angles and areas in plane shapes. They use digital technology to construct and manipulate geometric shapes and objects and explore symmetry and pattern in two dimensions.

Statistics and Probability: Students compare univariate data sets by referring to summary statistics and the shape of their displays. They describe bivariate data where the independent variable is time and use scatter-plots generated by digital technology to investigate relationships between two continuous variables. Students evaluate the use of statistics in the media. They list outcomes for multi-step chance experiments involving independent and dependent events, and assign probabilities for these experiments.

Assessment: Assignments, topic tests, homework, projects, problem solving tasks and semester examinations.
Year 10 Subject Title: Year 10 Maths In Action
Subject Code: MSA10
Cost: approx $6 per semester

Unit Description: An applied mathematics and physical sciences semester elective that brings science and mathematics alive through activities and experiments will be offered for Year 10 students in 2015.

Students wishing to pursue careers in the physical sciences need more practical scaffolding support in the sciences and related mathematics. (e.g: engineers, surveyors, geologists, pilots, scientists, radiographers, computer engineers)

The intention is to involve and engage more students in Physical Sciences and Chemistry and the supportive mathematics that is required, in a relevant practical scenario.

The Syllabus:
Using data loggers, computers, sensors, probes and calculators to record experimental data and use mathematics to analyse the data.

Topics are covered by experimentation and include:
- Falling Objects
- Rolling Balls
- Bicycles
- Gears
- Surveying
- Vectors
- Tides

Assessment:
Practical projects, assignments, problem solving tasks and an end of semester exam.
VCE Title: Foundation Mathematics Unit 1 & 2  
Subject Code: MA101 & MA102  
Cost: approx $6 per semester

Unit Description:
This unit has a strong emphasis on using mathematics in practical contexts relating to everyday life, personal work and study. The skills and practice exercises are designed to enable students to discuss and explore Mathematical situations. The subject provides mathematical support for other VCE subjects including TAFE VET units. Completion of Foundation Maths does not provide a pathway onto year 12 Maths studies.
The course content is drawn from the topics – Space & Shape, Patterns In Number, Handling Data and Measurement and Design. Students are encouraged to use appropriate technology in all areas of their study.

On completion of these units students should be able to demonstrate the achievement of 3 outcomes:
1. Use confidently and competently mathematical skills and concepts from the areas of ‘Space & Shape’, ‘Patterns in Number’, ‘Handling Data’ and ‘Measurement and Design’.
2. Apply and discuss basic mathematical procedures in contexts relating to familiar situations, personal work and study.
3. Select and use technology to apply mathematics in a range of practical contexts.

Assessment is continuous and broad based. A variety of assessment tasks are used including assignments, topic tests, a final exam, homework completion, projects and problem solving tasks.

*Foundation Mathematics does not lead on to any Unit 3 & 4 Mathematics.*
FURTHER MATHEMATICS

VCE Title: Further Mathematics Unit 3 & 4
Subject Code: MA073 & MA074
Cost: approx $6 per semester

Unit Description:

This subject provides a mathematical background for students who wish to pursue non-mathematical tertiary pathways or general mathematics programs. Further Mathematics provides the necessary data background for careers in such areas as Accounting, Economics, Psychology, Biology and Geology. It is usually part of a four unit VCE Mathematics program although it can also be taken in conjunction with Mathematics Methods 3 & 4.

The course has a compulsory core, comprised of three main topics based on data analysis:
- univariate data,
- bivariate data
- time series data.

At Rosebud S.C. the three additional modules that we have elected to study are:
- Geometry and Trigonometry
- Matrices
- Networks & Decision mathematics.

On completion of these units students should be able to demonstrate the achievement of 3 outcomes:
- Define and explain key concepts in relation to the areas of study.
- Apply mathematical concepts and skills developed in Data Analysis to analyise a practical and extended situation and interpret the results.
- Select and appropriately use technology to develop mathematical ideas, produce results and carry out analysis in situations requiring problem solving, modeling or investigative techniques or approaches.

Assessment of outcomes is continuous and broad based. A variety of assessment tasks are used including assignments, topic tests, exams, homework completion, projects and problem solving tasks. VCE grades are achieved by students completing 4 internally assessed SACs and two externally set exams, one multiple choice and the other written.
General Maths provides courses for diverse groups of students and is offered here in two distinct streams:

**VCE Title:** General Mathematics: Further Unit 1 & 2  
**Subject Code:** MA071 & MA072  
**Cost:** approx $6 per semester

**Unit Description:**
This subject caters for students who wish to complete a two or four unit Mathematics VCE program with Further Mathematics studied in Year 12. It is suitable for capable students who wish to pursue tertiary studies in Accounting, Economics, Psychology, Biology and Geology or want to maintain a useful knowledge of mathematics to cover future career changes. The subject covers material from Statistics, Matrices, Geometry and Trigonometry and Networks.

**Assessment** is continuous and broad based. A variety of assessment tasks are used including assignments, topic tests, exams, homework completion, projects and problem solving tasks.

**VCE Title:** General Mathematics Unit 1 & 2: Specialist  
**Subject Code:** MA71A & MA72A  
**Cost:** approx $6 per semester

**Unit Description:**
This subject caters for students who wish to complete a four to eight unit Mathematics VCE program. It is designed to prepare students for Specialist Maths in Year 12 and therefore is generally taken in conjunction with Maths Methods 1 & 2. This subject should be selected by students who intend to pursue tertiary studies or careers in the physical sciences or engineering. The content is drawn from the same areas shown above, with greater emphasis on the Algebra and Trigonometry sections.

On completion of these units students should be able to demonstrate achievement of 3 outcomes:
1. Define and explain key concepts in relation to the areas of study.
2. Apply and discuss basic mathematical procedures in contexts relating to familiar situations, personal work and study.
3. Select and use technology to apply mathematics to a range of practical contexts.

**Assessment** is continuous and broad based. A variety of assessment tasks are used including assignments, topic tests, exams, homework completion, projects and problem solving tasks.
SPECIALIST MATHEMATICS

VCE Title: Specialist Mathematics Unit 3 & 4
Subject Code: MA093 & MA094
Cost: approx $6 per semester

Unit Description:

This subject is designed for students wishing to pursue careers in the engineering, mathematical and scientific professions. It must be taken in conjunction with Mathematics Methods 3 & 4, and both General Mathematics (Specialist) and Methods 1 & 2 are suggested as pre-requisites.
The areas of study are Co-ordinate Geometry, Trigonometric Functions, Algebra, Calculus, Vectors and Mechanics.

Assessment of outcomes is continuous and broad based. A variety of assessment tasks are used including assignments, topic tests, exams, homework completion, projects and problem solving tasks.

VCE grades are achieved by students completing internally assessed SACs and two externally set exams.
VCE Title: Mathematical Methods (CAS) Unit 1 & 2
Subject Code: MA111 & MA112
Cost: approx $6 per semester

Unit Description:
This subject provides a direct preparation for Mathematical Methods (CAS) Units 3 & 4 in Year 12. It is suitable for capable mathematics students who wish to enter tertiary studies or careers in the sciences. A very good pass at Year 10 level is highly recommended for students who wish to attempt this subject. The course covers material from the areas of Functions and Graphs, Algebra, Probability and Calculus.

Assessment is continuous and broad based. A variety of assessment tasks are used including assignments, topic tests, exams, homework completion, projects and problem solving tasks.

VCE Title: Mathematical Methods (CAS) Unit 3 & 4
Subject Code: MA113 & MA114
Cost: approx $6 per semester

Unit Description:
This subject is suitable for students who wish to pursue careers or tertiary study in the sciences. It can be part of a four to eight unit VCE Mathematics program. Completion of Mathematics Methods Units 1 & 2 is required. This subject is often taken in conjunction with Specialist Mathematics or Further Mathematics. The course comprises Co-ordinate Geometry, Circular (Trigonometric) Functions, Calculus, Algebra, and Probability.

Assessment of outcomes is continuous and broad based. A variety of assessment tasks are used including assignments, topic tests, exams, homework completion, projects and problem solving tasks. VCE grades are achieved by students completing 4 internally assessed SACs and two externally set exams.
SCIENCE DEPARTMENT

OVERVIEW OF SCIENCE

Scientific discoveries continue to provide us with answers, understandings and theories of how the world around us works. Including science in your program not only provides many options for further education and opens up an array of careers, it also gives you an opportunity to investigate the world in which you live. Some knowledge of science is beneficial for all students, even if a career in this area is not your intention.

In the Senior School Students have the choice of a full range of science subjects.

- **Biology**: the study of living organisms, life processes, and the interactions of organisms with each other and their natural environment.
- **Chemistry**: the study of substances, their composition, their effects on one another and our interaction with them.
- **Environmental Science**: the study of the natural environment and impact of humans on ecosystems.
- **Physics**: the study of natural phenomena such as energy, light, electricity, movement and the basic structure of matter.
- **Psychology**: the study that provides an understanding of human development and human behaviour.

Our Science courses are designed to develop key Science Skills such as;

- Using laboratory equipment and chemicals safely and responsibly.
- Forming hypotheses, carrying out tests and experiments and forming reasoned conclusions.
- Writing scientific reports.
- Organising and displaying data and results in tables, graphs, charts, diagrams.

**Facilities:**
At Rosebud Secondary College we have seven well equipped specialist science rooms. Five of these rooms have supervised access to computers and the Internet. Students are encouraged to use the computers as a research and learning tool with instructions on how to use programs such as Word, Power Point, Movie Maker and Excel to write reports. Digital projectors fitted into the rooms allow multimedia presentations within the classroom.

In addition to the usual scientific equipment our science laboratories are also equipped with: Video Microscope, Data logging equipment and software, science computers and software and a wide selection of science DVDs.

In science students are also encouraged to participate in a range of activities including: science excursions and the science experience. Students can also apply for the National Science Youth Forum in Year 11.

**SUBJECTS AVAILABLE**

**YEAR 10 UNITS**
1. Take Flight
2. Body Bits & Bones
3. Couch Chemistry
4. Life, but not as we know it

**VCE UNITS**
1. BIOLOGY Units 1 to 4
2. CHEMISTRY Units 1 to 4
3. ENVIRONMENTAL SCIENCE Units 1 to 4
4. PHYSICS Units 1 to 4
5. PSYCHOLOGY Units 1 to 4
### Science: Year 10

**Year 10 Subject Title:** Science  
**Code:** SCI10  
**Cost:** approx $17

#### Subject Description:

Year 10 Science will be offered in the form of four (4) theme based units, each of which runs for one semester. These units will cover aspects of each of the major disciplines of Science in VCE studies, but with a particular focus on one. For example, “Take Flight” will have a major focus on Physical Sciences, but will incorporate relevant and supporting themes of Biological and Chemical Sciences.

All Year 10 students **must study at least one** unit, with additional unit selection a pre-requisite for further studies in VCE Sciences.

Students are encouraged to select the units according to their preferences for pathways into VCE Sciences. Those not wishing to pursue VCE Sciences should select units based on areas of interest and ability.

#### Unit Headings and Descriptions:

<table>
<thead>
<tr>
<th>Unit</th>
<th>Content</th>
<th>Major Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCA10 Take Flight</td>
<td>This unit explores Physics and Biology. The Physics section includes a range of Newtonian elements such as gravity, forces, speed and Newton’s Laws. Energy transfer and conservation links with fuel chemistry and combustion, in relation to flight. The Biology components cover the evolution of flight, showing the role of natural selection and mutation in the process.</td>
<td>Physical Sciences. Highly recommended prerequisite for VCE Physics</td>
</tr>
<tr>
<td>SCB10 Body Bits &amp; Bones</td>
<td>This unit explores aspects of human genetics, biotechnologies and forensic science. Human biology includes the principles of inherited traits, mutations and the chemistry of life molecules. Biotechnologies include gene modification, cloning, and growing designer tissue and organs. Forensics covers DNA profiling, blood groups, transfer of evidence and scientific crime scene analysis. The basic psychology behind crowd behaviour and committing crime is also examined.</td>
<td>Biological Sciences</td>
</tr>
<tr>
<td>SCC10 Couch Chemistry</td>
<td>This unit explores Chemistry and Psychology. You will learn about atomic structure and bonding, chemical reactions and organic chemistry. You will also examine brain function and how it is affected by drugs and endorphins.</td>
<td>Chemical Sciences Highly recommended prerequisite for VCE Chemistry and/or Psychology</td>
</tr>
<tr>
<td>SCD10 Life, but not as we know it</td>
<td>This unit explores aspects of Environmental and Earth Sciences. You will learn about the universe, Big Bang theory, stars, the Doppler effect and universal chemistry. It also examines the biosphere, biomes climate change ecosystems, extinctions and natural selection. You will be able to develop your appreciation of the ethics and relationships between social development, economic cost and environmental requirements.</td>
<td>Environmental Sciences</td>
</tr>
</tbody>
</table>

#### Assessment:
Biology

VCE Title: Biology Unit 1 & 2
Subject Code: BI011 & BI022
Cost: approx $12 (each semester)

Unit Description:
Unit 1 This unit examines communities of living organisms and their non-living surroundings. The complex interactions that sustain life on Earth and the nature and effects of environmental change are also considered. The Unit concentrates on the marine environment where students study marine life in both our bay and ocean beaches.

Unit 2 This unit examines the characteristics which assist plants and animals to function effectively in their particular environments. The application of technology to explore, maintain and modify reproduction and development, and the issues associated with the use of this technology are also investigated.

VCE Title: Biology Unit 3 & 4
Subject Code: BI033 & BI034
Cost: approx $20 (each semester)

Unit Description:
Unit 3 Focuses on molecular biology and biochemistry. It looks in detail at the structural elements of bio-macromolecules and their role in a functioning organism. It also explores major themes in homeostasis, disease and the body’s immunological responses.

Unit 4 Focuses on genetic inheritance and natural selection evolutionary biology as its central themes. It looks at patterns of inheritance, genes and DNA. It also covers the new technologies associated with bio-technology.
VCE Title: Chemistry Unit 1
Subject Code: CH011
Cost: approx $20

Unit Description:

Unit 1 examines the big ideas in chemistry. It focuses on the trends and patterns of the periodic table and the properties of materials. Students investigate the similarities and differences of the elements, chemical structure of materials and bonding within compounds. Students learn to use chemical language, explain observations and collect data from experiments.

VCE Title: Chemistry Unit 2
Subject Code: CH022
Cost: approx $20

Unit Description:

Unit 2 examines environmental chemistry, with a focus on water and the atmosphere. Students explore the special properties of water and investigate chemical reactions that take place in aqueous solutions. They study the interaction between living things and the gases of the atmosphere while learning to predict the behaviour of gases. Students learn to use chemical equations for quantitative analysis, and collect data from experiments.

VCE Title: Chemistry Unit 3 & 4
Subject Code: CH033 & CH034
Cost: approx $20 (each semester)

Unit Description:

Unit 3 examines chemical analysis and organic reaction pathways. Students investigate qualitative and quantitative analytical techniques, with a focus on both laboratory and instrumental methods. Organic reaction pathways investigate the use of carbon based molecules in drug design, biochemistry and biochemical fuels. Students continue to develop their use of chemical language and experimental skills throughout this unit.

Unit 4 examines chemistry at an industrial level and the supply and use of energy. Students investigate the production of chemicals and conditions which maximise yield and rate while minimising cost and waste. The use of energy in society is explored, while considering the advantages and disadvantages of several energy sources. Students further develop their chemical language and skills throughout this unit.
Environmental Science

VCE Title: Environmental Science Unit 1
Subject Code: EV011
Cost: approx $20

Unit Description:
This unit focuses on the environment and its components. The function of ecosystems and the interactions in and between the ecological components will be investigated. The unit presents opportunities to consider the effects of natural and human-induced changes in ecosystems.

VCE Title: Environmental Science Unit 2
Subject Code: EV022
Cost: approx $20

Unit Description:
This unit focuses on the characteristics of environmental indicators and their use in monitoring programs. Environmental indicator data (physical, chemical, biological and environmental) will be defined, collected and interpreted on a variety of ecosystems. A major focus is a field trip investigation.

VCE Title: Environmental Science Unit 3 & 4
Subject Code: EV033 & EV034
Cost: approx $20

Unit Description:

Unit 3 This unit focuses on the challenges of energy at the present and in the future, and the effects upon the natural and enhanced greenhouse effects. Issues of biodiversity with their significance in sustaining ecological integrity will be examined.

Unit 4 This unit focuses on pollution and its relationship to the health of humans and the environment. It advances further understanding of managing the environment to ensure development meets human needs, while maintaining the ecological integrity of the environment.
Physics

VCE Title: Physics Unit 1  
Subject Code: PH011  
Cost: approx $10

Unit Description: 
This unit covers electricity, radioactivity and nuclear energy. The unit promotes the development of each student's ability to use physics to explain phenomena and events using technological and social applications.

VCE Title: Physics Unit 2  
Subject Code: PH022  
Cost: approx $10

Unit Description: 
This unit covers the areas of movement and light. In studying this unit students should gain an understanding of the ways in which knowledge in physics advances and is applied.

VCE Title: Physics Unit 3 & 4  
Subject Code: PH033 & PH034  
Cost: approx $20 (each semester)

Unit Description: 
Unit 3  
This Unit has three main topics:  
1. **Motion**: forces in action, collisions, projectile and circular motion  
2. **Electronic & Photonics**: extends basic circuit analysis to electronic devices and the new area of photonics  
3. **Material & Structures**: properties and behaviours of materials and structures in the context of construction and design

Unit 4  
This Unit has two main topics:  
1. **Electric Power**: generation, transmission and distribution of electric power.  
2. **Light & Matter**: development of ideas and models for light and matter
Psychology

VCE Title: Psychology Unit 1
Subject Code: PY011
Cost: approx $10

Unit Description:
Unit 1 Students are introduced to the scientific study of human mind and behavior. They explore the scope of psychology, its specialist disciplines such as cognitive, social and human developmental psychology. They consider influences on perception and the development of human behavior over a lifespan.

VCE Title: Psychology Unit 2
Subject Code: PY022
Cost: approx $10

Unit Description:
Unit 2 Students consider the findings of key classic and contemporary research as a means to explaining the formation of attitudes, and individual and group behaviour. They examine research methods appropriate to measuring attitudes and behaviours and consider associated ethical issues in the conduct and use of such research. Through a case study they investigate the nature of personality and intelligence.

VCE Title: Psychology Unit 3 & 4
Subject Code: PY033 & PY034
Cost: approx $5 (each semester)

Unit Description:
Unit 3 This unit focuses on the study of the relationship between the brain and the mind through examining the basis of consciousness, behavior, cognition and memory. Students explore the relationships between consciousness, sleep, thoughts, feelings and behavior by comparing the characteristics of normal waking consciousness with altered states of consciousness. They study the neural basis of memory and the connectivity between brain areas to explain the complexity of memory, factors that affect memory and its decline over time, and the causes of forgetfulness. Students consider how to measure retention of memory and investigate techniques for improving and manipulating memory.

Unit 4 Students study the neural basis of learning, and examine different types of learning: classical conditioning, operant conditioning, observational learning and trial and error learning. Behaviour not dependent on learning such as reflexes and fixed action patterns are also explored. Students learn to differentiate between mental health and mental illness and use a biopsychosocial framework to explain the causes and management of stress and a selected mental disorder.
OVERVIEW OF TECHNOLOGY & DESIGN

The term “Technology” refers to the equipment and processes used to enhance, maintain and modify the environment and resources in order to support human endeavour. It involves the purposeful application of knowledge, skills, equipment, materials, energy and data to create useful products. Technology contributes to cultural, social, environmental and economic changes.

Technological design developments can affect all aspects of people’s lives: These developments can be responsible for changing things such as nature and the place of work, the skills required for undertaking tasks, availability of information, and the way we learn.

Design & Technology education provides students with the knowledge and skills necessary for producing quality products that effectively solve a problem and/or meet a need.

In Design & Technology education, it is intended that students develop:

- a systematic and creative approach to generating technological solutions.
- the knowledge and skills necessary for using a variety of equipment and resources.
- an understanding of the principles for safely operating equipment.
- the ability to explore and assess the past and potential consequences of using technology.
- self-confidence and self-sufficiency in dealing with technology.
- an ability to develop problem-solving skills within a real context.

Information Technology Product Design and Technology (Wood & Textiles), Systems and Food have been successfully studied in VCE and it’s been exciting to see students achieve their outcomes. Technology subjects will allow students to access different vocational paths and a vast choice of careers.

SUBJECTS AVAILABLE

YEAR 10 UNITS
1. ADVANCED DATA PROCESSING
2. CATERING
3. SYSTEMS ENGINEERING
4. FASHION & CLOTHING A & B
5. MULTIMEDIA AUTHORING & INTERNET
6. RESISTANT MATERIALS (Wood)
7. INTRODUCTION TO HOSPITALITY

VCE UNITS
1. FOOD & TECHNOLOGY Units 1 to 4
2. INFORMATION TECHNOLOGY Units 3 & 4
3. SYSTEMS ENGINEERING Units 1 to 4
4. PRODUCT DESIGN & TECHNOLOGY Units 1 to 4 (WOOD & TEXTILES)

VET UNITS
1. INFORMATION TECHNOLOGY Certificate II & III Unit 1 to 4
2. BUILDING & CONSTRUCTION Certificate II Units 1 to 4
3. HOSPITALITY Certificate II Units 1 to 4
4. ELECTROTECHNOLOGY Cert II (VET: off campus)
5. ENGINEERING (VET: off campus)
Technology Year 10

Year 10 Unit Title: Advanced Data Processing
Subject Code: ADP10
Cost: approx $20

Unit Description:
This subject develops computing skills used in gathering, designing, processing and evaluating information problems and solutions relating to home and/or organisational settings. Students learn to generate information solutions by integrating data from spreadsheets (including charts). This unit involves Database and Word Processing packages as well as completing written projects investigating an information technology issue and the operation and use of an item of computer hardware.

Assessment: Investigation Task, Research & Portfolio and Exam

Year 10 Unit Title: Catering
Subject Code: CAT10
Cost: approx $75 (food costs)

Unit Description:
This subject develops advanced food preparation skills and explores a wide variety of foods suitable for many occasions. Students will make a range of food products (both meals and snacks) suitable for: special occasions and celebrations, everyday foods and investigate menu planning. Opportunities for catering experiences will be offered. Students will be encouraged to modify, design, experiment, taste and test food alternatives. Choices will be made and the results will then be evaluated. Design briefs will be used to assist in this decision making. This unit is a great introduction for VCE Food Technology and VET Hospitality.

Assessment: Production Activities, Key classroom activities, Design Briefs and Exam

Year 10 Unit Title: Introduction to Hospitality (Catering B)
Subject Code: HOS10
Cost: approx $80 (food costs)

Unit Description:
Introduction to Hospitality will give students the opportunity to explore many aspects of the Hospitality Industry. They will be given opportunities for hands on experience in using commercial equipment, participate in an excursion visiting hospitality premises, have the opportunity to work toward industry standard ‘Food Handlers’ and ‘Responsible Service of Alcohol’ Certificates (testing of certificates undertaken separately) and to participate in at least one compulsory catering opportunity. Production work will be important and will emphasise serving food of a professional standard and manner. Topics include: Food safety, basic skills and techniques, commercial equipment, coffee making, responsible service of alcohol, non-alcoholic options eg: mocktails, making food suitable for functions, comparing catering suppliers to ‘freshly’ made fare, planning and catering for functions. This unit is complementary to Year 10 Catering. It is recommended that students complete both Catering and Intro to Hospitality to go onto VET Hospitality and/or Food Technology.

Assessment: Production activities, key classroom activities and design briefs and Exam

Year 10 Unit Title: Systems Technology
Subject Code: SYT10
Cost: approx $30

Unit Description:
This unit is designed to broaden and develop knowledge and skills from previous years. Students study fundamental mechanical engineering principles including motion, electronics and gears. This allows for a hands on approach in developing a model based on these fundamentals. Design briefs will be used to assist in decision making. Computer aided design programs will be explored and used for investigation and presentation of student's folios.

Assessment: Design Folio and Production and Exam
Year 10 Unit Title: Fashion & Clothing A
Subject Code: FCA10
Cost: approx $45

Unit Description:
The students will study the body type and its form, pattern style, appropriate fibre and fabric selection. They will produce clothing suitable to their needs using The Australian Standards for Clothing Sizing and the safety aspects of the new fibres as well as developing design plans which reflect the required outcomes.

Assessment: Design Folio, Production and Exam

Year 10 Unit Title: Fashion & Clothing B
Subject Code: FCB10
Cost: approx $45

Unit Description:
This unit is undertaken in second semester and is an extension of Fashion & Clothing A. Please note students will be required to purchase fabrics and patterns for Fashion & Clothing A & B.

Assessment: Design Folio, Production and Exam

Year 10 Unit Title: Resistant Materials (Wood)
Subject Code: RMA10
Cost: approx $50

Unit Description:
The students will design and construct products of a more sophisticated nature using a wide range of materials and equipment. The projects are supported by correctly prepared drawings, related investigation work on timber, materials, tools, and power tools. Investigation into conservation and the environment will form part of the research work.

Assessment: Design Folio/Production and Exam

Year 10 Unit Title: Multimedia & Internet
Subject Code: MAI10
Cost: approx $20

Unit Description:
This subject develops computing skills, used in gathering, designing, processing and evaluating information problems and solutions relating to home and/or organisational settings. Students learn to generate information solutions by integrating data from many sources into a multimedia environment. Students are required to use web authoring, film authoring and image processing software. They are to complete written projects investigating an ICT issue, database and word processing packages, an information technology issue as well as the operation and use of an item of computer hardware.

Assessment: Production, Research Report, Investigation and Exam
Systems Engineering

VCE Unit Title: Systems Engineering Unit 1
Subject Code: SE011
Cost: approx $40

Unit Description: Mechanical Engineering Fundamentals:
Students study fundamental mechanical engineering principles, including representation of mechanical devices, motions performed, elementary applied physics, and mathematical calculations that can be applied in order to define and explain physical characteristics. This unit allows for a 'hands-on' approach as students apply their knowledge and construct functional systems. All systems require some form of energy to function. Through applied research, students explore how these systems use or convert energy supplied to them, as well as related wider environmental and social issues.

VCE Unit Title: Systems Engineering Unit 2
Subject Code: SE022
Cost: approx $40

Unit Description: Electrotechnology Engineering Fundamentals:
Students study fundamental electrotechnology engineering principles. Through application of their knowledge, students produce basic operational systems. The system produced by the students should employ a level of integration between mechanical and electronic components. Students also apply their knowledge and skills to research and produce technical reports. The main focus of the unit remains on the construction of electrotechnological systems. The construction process heavily draws upon design and innovation within all the interrelated applied learning that occurs in the unit.

VCE Unit Title: Systems Engineering Unit 3 & 4
Subject Code: SE033 & SE034
Cost: approx $40 (each semester)

Unit Description: Unit 3: Systems engineering and energy

Unit 4: Integrated and controlled systems engineering

These units involve a study of the principles associated with integrated systems. The focus is on the functional integration of a mechanical sub-system with an electrotechnological sub-system and the design factors to be considered. One substantial production may be undertaken across both Units 3 and 4. The terms mechanical and electrotechnology are used as descriptors for the types of systems covered by this study. Mechanical systems include pneumatic and hydraulic systems or sub-systems. Electrotechnology is an inclusive term that involves electrical, electronic and microelectric systems and sub-systems.
This unit can be studied in the following areas: WOOD & TEXTILES.

VCE Unit Title: Product Design & Technology: Unit 1 Wood (W) / Textiles (T)
Subject Code: DT011W / DT011T
Cost: approx $45 per unit

Unit Description: This unit focuses on the analysis, modification and improvement of a product design with consideration of materials used and issues of sustainability. Finite resources and the proliferation of waste require product design thinking. Many products in use today have been redesigned to suit the changing needs and demands of users but with little consideration of their environment. Knowledge of material use and suitability for particular products is essential in product design. Additionally, knowledge of the source, origin and processing of materials is central to sustainable practices.

VCE Unit Title: Product Design & Technology: Unit 2 Wood (W) / Textiles (T)
Subject Code: DT022W / DT022T
Cost: approx $40 per unit

Unit Description: In this unit students work in teams to design and develop an item in a product range or contribute to the design, planning and production of a group product. They focus on factors including: human needs and wants; function, purpose and context for a product, aesthetics; materials and sustainability; and the impact of these factors on a design solution. Teamwork encourages communication between students and mirrors professional practice where designers often work within a multi-disciplinary team to develop solutions to design problems. Students also examine the use of ICT to facilitate teams that work collaboratively but are spread across the globe.

VCE Unit Title: Product Design & Technology: Unit 3 & 4 Wood(W) / Textiles(T)
Subject Code: DT033W & DT034W / DT033T & DT034T
Cost: approx $45 per unit

Unit Description:

Unit 3: In this unit students are engaged in the design and development of a product that meets the needs and expectations of a client and/or an end-user, developed through a design process and influenced by a range of complex factors. These factors include the purpose, function and context of the product; human-centred design factors; innovation and creativity; visual, tactile and aesthetic factors; sustainability concerns; economic limitations; legal responsibilities; material characteristics and properties; and technology.

Unit 4: In this unit students learn that evaluations are made at various points of product design, development and production. In the role of designer, students judge the suitability and viability of design ideas and options referring to the design brief and evaluation criteria in collaboration with a client and/or an end-user. Comparisons between similar products help to judge the success of a product in relation to a range of Product design factors. The environmental, economic and social impact of products throughout their life cycle can be analysed and evaluated with reference to the Product design factors.
Food and Technology

VCE Unit Title: Food & Technology Unit 1
Subject Code: FY011
Cost: approx $80 (food items)
Unit Description:
In this unit students study hygienic handling and storage practices to prevent spoilage and poisoning, and apply these practices in the preparation of food. They consider practices suitable for use in small-scale operation, such as in the home, a school setting or in a small food business. Students examine the links between food classification and their properties, and changes when different preparation and processing techniques are used, applying this knowledge when preparing. They investigate quality and ethical considerations in selection and use the design process to meet the requirements of design briefs to maximise the qualities of key foods.

VCE Unit Title: Food & Technology Unit 2
Subject Code: FY022
Cost: approx $80 (food items)
Unit Description:
In this unit students investigate the most appropriate tools and equipment to produce optimum results, including the latest developments in food technology. Students research, analyse and apply the most suitable preparation, processing and cooking techniques to optimise the physical, sensory and chemical properties of food. Students work both independently and as members of a team to research and implement solutions to a design brief. They use the design process to respond to challenges of preparing food safely and hygienically for a range of contexts and consumers, taking into account nutritional considerations, social and cultural influences, and resource access and availability. Students also explore environmental considerations when planning and preparing meals.

VCE Unit Title: Food & Technology Unit 3 & 4
Subject Code: FY033 & FY034
Cost: approx $80 per Unit (food items)
Unit Description:
Unit 3: In this unit students develop an understanding of food safety in Australia and the relevant national, state and local authorities and their regulations (including the Hazard Analysis and Critical Control Points (HACCP) system), investigate the causes of food spoilage and poisoning and applying safe work practices while preparing food. Students demonstrate understanding of key foods, analyse the functions of their natural components and apply this information in their preparation. Students devise a design brief from which they develop a detailed plan and use evaluation criteria to establishing an overall production timeline to complete (the product) as well as for implementation in Unit 4.

Unit 4: In this unit students develop individual production plans to implement the design they established in Unit 3. In completing this task, students apply safe and hygienic work practices using a range of preparation and production processes, including some which are complex. Students examine food product development, researching and analysing driving forces that have contributed to this and investigating issues underpinning emerging trends regarding social pressures, consumer demand, technological developments, and environmental considerations.
OVERVIEW OF DEPARTMENT
VET Programs are available to all students in Years 10, 11 and 12. They cover a broad range of industries and allow students to gain a recognised industry training qualification while still at school. These normally take 2 years to complete - some are available within our College and others at TAFEs or local host schools. All courses are partially subsidised by the State Government.

VCE Students participating in external VET Programs are timetabled for study support to help them keep up to date. This counts as a 6th subject for Years 10 & 11 and a 5th subject for Year 12.

SUBJECTS AVAILABLE

**On Campus**
1. CREATIVE INDUSTRIES – MEDIA (VCE on campus Rosebud SC)
2. INFORMATON DIGITAL MEDIA & TECHNOLOGY (on campus Rosebud SC)
3. SPORT & RECREATION (VCE on campus Rosebud SC)

**SUBJECTS AVAILABLE Off Campus**
1. ACTING (Screen) (Australian College of Dramatic Art - off Campus Elisabeth Murdoch Langwarrin)
2. AIRBRUSHING (Airbrush Venturi – on campus Rosebud SC)(1/2 day)
3. ANIMAL STUDIES (online – GOTAFE or class at Mornington Smart Connections)
4. APPLIED FASHION DESIGN & TECHNOLOGY CLOTHING PRODUCTS (off campus Elisabeth Murdoch Langwarrin)
5. AUTOMOTIVE TECHNOLOGY [Marine or Mechanical] (off campus Chisholm Frankston)
6. BEAUTY (off campus Chisholm Rosebud)
7. BUILDING AND CONSTRUCTION (off campus Chisholm Rosebud)
8. CHILDRENS SERVICES (off campus Chisholm Frankston)
9. COMMUNITY SERVICES (off campus Chisholm Frankston)
10. CONSERVATION & LAND MANAGEMENT (off campus Chisholm Rosebud)
11. ELECTROTECHNOLOGY (Career Start or Shared Technology) (off campus Chisholm Frankston)
12. ENGINEERING (off campus Chisholm Frankston)
13. EQUINE INDUSTRY (off Campus Toorak College and Mornington)
14. FINANCIAL SERVICES (off campus Chisholm Frankston)
15. HAIRDRESSING (off campus Chisholm Rosebud)
16. HEALTH SERVICE ASSISTANCE (off campus Chisholm Frankston)
17. HORTICULTURE (Landscaping, Parks & Gardens or Turf) (off campus Chisholm Rosebud)
18. HOSPITALITY (Kitchen Operations or Front of House) (off campus Chisholm Frankston & Rosebud)
19. IT – [CISCO Networking (VET: off campus)] or [Shared Technology (Games creation) (VET: off campus)]
20. JUSTICE (off campus Chisholm Frankston)
21. LABORATORY SKILLS (off campus Chisholm Frankston)
22. MINISTRY & THEOLOGY (Vetamorphus) (off campus Rosebud)
23. MUSIC (Australian College of the Arts off campus Mt Eliza SC)
24. PLUMBING (off campus Chisholm Rosebud)
25. RESIDENTIAL DRAFTING (off campus Chisholm Frankston)
26. RETAIL MAKE-UP & SKIN CARE/SPECIALIST MAKEUP (off campus Chisholm Frankston)
27. RETAIL OPERATIONS (off campus SkillsPlus Frankston with on campus RSC tutorials)
28. SPORT & RECREATION [Outdoor Rec (VET: off campus)]
29. TOURISM & EVENTS (off campus Chisholm Frankston)
CERTIFICATE II CREATIVE INDUSTRIES (MEDIA) & CERTIFICATE III MEDIA

CERTIFICATE CODE: CUF20107
VET Title: Certificate II in Creative Industries (Media) Units 1 & 2
VET Code: VETCIM1 & VETCIM2
Delivered: Rosebud Secondary College (timetabled)
Cost: approx. $300 (subject to change)

Unit Description:
This course:
- will offer students the opportunity to gain skills in the growing field of computer based multimedia
- will be conducted at Rosebud Secondary College as a normal timetabled class.

Contains the following modules:
- Develop and apply creative arts industry knowledge
- Follow a design process
- Apply critical thinking techniques
- Develop and extend critical creative thinking
- Participate in OHS processes
- Work effectively with others
- Maintain interactive content
- Collect/organise content for broadcast

CERTIFICATE CODE: CUF30107
VET Title: Certificate III in Media Units 3 & 4
VET Code: VETM3 & VETM4
Delivered: Rosebud Secondary College (timetabled)
Cost: approx. $300 (subject to change)
Available to students who have completed Units 1 & 2

Unit Description:
Contains the following modules:
- Apply principles of visual design and communication to the development of a media product
- Create 2D digital animation
- Develop a multimedia script
- Create web pages with multimedia
- Write content and/or copy
- A Scored Assessment is available for the 3-4 sequence.
CERTIFICATE II INFORMATION DIGITAL MEDIA TECHNOLOGY

CERTIFICATE CODE: ICA20III
VCE Title: VET: Information Technology
Subject Code: VETIT1 & VETIT2
Delivered: Rosebud Secondary College (timetabled)
Cost: approx. $300 (subject to change)

Unit Description:
For Years 10 & 11 in 2015.
Enter the world of Digital Media and Technology this nationally recognized Certificate II in Information Digital Media and Technology provides foundation computing and digital media skills. After learning how to use the computer operating systems and hardware, you’ll develop skills in the use of various software applications and gain an understanding of how to work effectively in an IT environment. You will also explore the use of different social media tools and digital image techniques.
During this qualification you will learn basic web page design, digital imaging, video, 2D/3D animation and IT support. Training in applications including; Adobe Dreamweaver, Flash, Illustrator, Photoshop, will enable you to graduate with a portfolio of web design and further enhancement of multimedia work.

Contains the following modules:
Elective Unit Description:
- Produce and Prepare Photo Images.
- Capture A digital image
- Maintain inventories for equipment, software & documentation
- Record client support requirements.
- Detect and protect from spam and destructive software.
- Integrate commercial computing packages
- Operate database applications.

Core Units:
- Participate in OHS processes.
- Participate in environmentally sustainable work practices.
- Use Social Media Tools For Collaborating.
- Work and communicate effectively in an IT environment.
- Use computer operating system and hardware
- Operate a digital media technology package.
- Operate application software packages.

New course from 2016
On successful completion of the above modules students will then have the opportunity to complete a Certificate III in Information Digital Media Technology.
CERTIFICATE III SPORT & RECREATION

CERTIFICATE CODE: SIS30513
VCE Unit Title: Sport & Recreation Units 1 & 2
Subject Code: VETSR1 & VETSR2
Delivered: Rosebud Secondary College
Cost: approx. $350 (plus materials)

Unit Description:
This program provides entry level training for employment and further training across all sectors in the Fitness and Community Recreation Industry. The program will be delivered at Rosebud Secondary College for VCE students.

Contains the following modules
- Organise personal work priorities & development
- Operate application software packages
- Teach fundamental skills of athletics
- Implement sports injury prevention
- Assist in prep/conducting S&R sessions
- Respond to emergency situations
- Work effectively in sport & recreation environment
- Apply First Aid
- Organise and maintain work areas
- Reflect on professional coaching role/practice
- Provide equipment for activities
- Provide customer service
- Maintain S&R equipment for activities
- Follow OH&S policies

CERTIFICATE CODE: SIS30513
VCE Unit Title: Sport & Recreation Units 3 & 4
Subject Code: VETSR3 & VETSR4
Delivered: Rosebud Secondary College
Cost: approx. $350 (plus materials)

Unit Description:
Contains the following modules
- Provide fitness orientation
- Provide healthy eating information to clients
- Plan and conduct sport and recreation sessions
- Analyse participation patterns
- Undertake risk analysis of activities
- Instruct and monitor fitness programs
- Conduct basic warm up and cool down programs
- Facilitate groups
- Provide public education on the use of resources

On successful completion of all the above modules students will obtain a Certificate III in Sport & Recreation.

*A Scored Assessment is available for the 3-4 sequence.*
CERTIFICATE II ACTING (SCREEN)

CERTIFICATE CODE: 22070VIC
VCE Title: Acting (Screen) Units 1 & 2
Subject Code: VETAC1 & VETAC2
Delivered: ACDA at Elisabeth Murdoch College (Langwarrin)
(one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
The aim of this program is to: Provide students with the knowledge and skills to achieve competencies that will enhance their employment prospects in the Performing Arts industry:

Contains the following modules:
- Develop and apply Creative Arts knowledge
- Work with others
- Organise personal work priorities and development
- Participate in OH&S process
- Prepare self for performance
- Access and use the Internet
- Prepare and present self for auditions
- Develop script knowledge and performance skills
- Develop acting techniques

CERTIFICATE III ACTING (SCREEN)

CERTIFICATE CODE: 22072VIC
VCE Title: Acting (Screen) Units 3 & 4
Subject Code: VETAC3 & VETAC4
Delivered: ACDA at Elisabeth Murdoch College (Langwarrin)
(one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
Contains the following modules:
- Participate In negotiations
- Provide services on a freelance basis
- Work in a culturally diverse environment
- Expand skills for auditions
- Rehearse and perform for camera
- Extend acting techniques
- Write the script

Electives
- Develop and apply make-up
- Develop screen and media specialist expertise
- Develop techniques for presenting to camera
- Audition and select performers
- Direct performers

- A Study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR
CERTIFICATE CODE: 22018VIC  
VCE Title: Cultural Recreation Arts & Design Units 1 & 2  
Subject Code: VETAD1 & VETAD2  
Delivered: AIRBRUSH VENTURI at Rosebud Secondary College  
(one afternoon per week)  
Cost: approx. $350 (plus materials)  

Unit Description:  
This program of 150 hours teaches advanced photorealist rendering, developed by Airbrush Venturi. The Airbrush is a powerful tool that is not an industry in its own right but is part of almost every industry that apply ink/makeup including: Signwriting, Visual Merchandising, Painting & Decorating, Trompe L’eoil Muralling, Theatre & TV Set Painting, Automotive Refinishing, Industrial Design, Finished Art, Animation, Fine Art, Architectural Rendering, Model Making, Makeup & Nail Art, Manufacturing of Pottery, Surfboards, Homewares and Clothing.  

Contains the following modules:  
• Participate in OHS processes  
• Organise & complete daily work activities  
• Work with others  
• Store finished work  
• Plan operational processes  
• Apply fundamental skills & structures of airbrushing  
• Create black & white realist form & image deconstruction  
• Create colour realist form  
• Create colour realist textual form
CERTIFICATE II ANIMAL STUDIES

CERTIFICATE CODE: ACM20110
VCE Title: Primary & Forest Animal Handling Units 1 & 2
Subject Code: VETAS1 & VETAS2
Delivered: GOTAFE (online)
Cost: approx. $350 (plus materials)

Unit Description:
The Certificate II in Animal Studies is a nationally accredited course designed to provide work skills and knowledge of caring for a variety of animals. The course is delivered on-line, and has been designed for Distance Learners and for School Students (year 10, 11 or 12) as a VET in Schools program.

Contains the following modules:
- Work in the animal care industry
- Participate in workplace communications
- Complete animal care hygiene routines
- Feed and water animals
- Participate in OHS processes
- Participate in environmentally sustainable work practices
- Source information for animal care needs
- Provide info on companion animals

CERTIFICATE CODE: ACM20110
VCE Title: Primary & Forest Animal Handling Units 3 & 4
Subject Code: VETAS3 & VETAS4
Delivered: GOTAFE (online)
Cost: approx. $350 (plus materials)

Unit Description:
Contains the following modules:
- Assist in the health care of animals
- Provide basic first aid for animals
- Provide information on companion animals, products and services
- Comply with infection control policies and procedures in animal work
- Maintain and monitor animal health and wellbeing
CERTIFICATE III COMPANION ANIMAL SERVICES

CERTIFICATE CODE: ACM30410
VCE Title: Primary & Forest Animal Handling Units 3 & 4
Subject Code: VETAS3 & VETAS4
Delivered: Smart Connections, Mornington (one afternoon per week)
Cost: to be determined by provider

Unit Description:
The Certificate II in Companion Animal Studies is a nationally accredited course designed to provide work skills and knowledge of caring for a variety of animals. The course is delivered by Smart Connections and has been designed for School Students (year 10, 11 or 12) as a VET in Schools program with a workplace component.

Contains the following modules:
- Work effectively in the companion animal industry
- Participate in environmentally sustainable work practices
- Contribute to occupational health and safety processes
- Complete animal care hygiene routines
- Comply with infection control policies and procedures in animal work
- Plan for and provide nutritional requirements for animals
- Maintain and monitor animal health and wellbeing
- Provide advice on companion animal selection and general care
- Deliver a service to customers
- Recommend specialised products and services
- Provide basic care of dogs
- Provide basic care of domestic cats
- Provide basic care of rodents and rabbits
- Provide basic care of freshwater fish
- Design, construct and maintain aquascapes
CERTIFICATE III APPLIED FASHION DESIGN & TECHNOLOGY CLOTHING PRODUCTS

CERTIFICATE CODE: LMT21707
VCE Title: Applied Fashion Design & Technology Clothing Products Units 1 & 2
Subject Code: VETFA1 & VETFA2
Delivered: Elisabeth Murdoch College (Langwarrin) (one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program provides students with the knowledge and skills to achieve competencies which will enhance their employment prospects in the Clothing Industry.

Contains the following modules:
- Follow defined OH & S procedures
- Apply quality standards
- Use sewing machine
- Design and produce a simple garment
- Identify design process for fashion designs
- Sew components
- Modify patterns to create basic styles
- Draw and interpret a basic sketch
- Operate computing technology in a Textiles, Clothing and Footwear workplace or
- Work in the Textiles, Clothing and Footwear Industry

VCE Title: Applied Fashion Design & Technology Clothing Products Units 3 & 4
Subject Code: VETFA3 & VETFA4
Delivered: Elisabeth Murdoch College (Langwarrin) (one afternoon per week)
Cost: approx. $350 (plus materials)

Available to students who have completed Units 1 & 2

Unit Description:
Contains the following modules:
- Identify fibres and fabrics

Includes a variety of electives to the value of a minimum of 120 hours eg:
- Prepare and produce sewn garment
- Assemble bra or swimwear
- Market design product to local outlets

• A Study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE II AUTOMOTIVE TECHNOLOGY
(Marine or Mechanical)

CERTIFICATE CODE: 21560VIC
VCE Title: Automotive Technology Studies Units 1 & 2
Subject Code: VETAU1 & VETAU2
Delivered: Chisholm TAFE, Frankston (one morning or afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
The aim of this program is to provide students with the knowledge and skills to achieve competencies that will enhance their employment prospects in the Automotive industry:
- Carry out maintenance and/or component servicing operations
- Identify automotive parts, components and accessories
- Carry out minor repairs to electrical circuits and systems

Contains the following modules:
- Carry out industry research
- Apply safe working practices
- Job seeking skills
- Use and maintain workplace tools and equipment
- Remove and replace engine cylinder head
- Recharge batteries
- Operate electrical test equipment

VCE Title: Automotive Technology Studies Units 3 & 4
Subject Code: VETAU3 & VETAU4
Delivered: Chisholm TAFE, Frankston (one morning or afternoon per week)
Cost: approx. $350 (plus materials)

Available to students who have completed Units 1 & 2

Unit Description
Contains the following modules:
- Dismantle and assemble four stroke multi-cylinder engine
- Dismantle and assemble carburettor
- Dismantle and assemble fuel pump
- Remove and replace clutch assembly
- Dismantle and assemble transmission
- Construct basic electronic circuits

- A Study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE III BEAUTY SERVICES

CERTIFICATE CODE: SIB30110
VCE Title: Wholesale Retail Personal Services Year 1 & 2
Subject Code: VETB1 & VETB2
Delivered: Chisholm TAFE, Rosebud (one day per week)
Cost: approx. $350 (plus materials)

Unit Description:
This Program is delivered over a two year period. Students undertake studies in waxing, manicure, pedicure, make-up, nail enhancements, communications and retail
Successful completion of the Certificate can lead to employment prospects as a Beautician, Beauty Therapist, Nail Technician or Retail Cosmetic Consultant.

Year 1
Contains the following modules:
- Participate in environmentally sustainable work
- Advise on beauty services
- Work within a nail services framework
- Provide manicure and pedicure services
- Apply ultraviolet gel nail enhancement
- Apply nail art
- Research and apply beauty industry information
- Conduct financial transactions
- Provide service to clients
- Organise and maintain work areas
- Communicate in the workplace
- Work effectively in a beauty environment
- Apply safe working practices
- Sell products and services

Year 2
Contains the following modules:
- Apply skin biology to beauty treatments
- Demonstrate retail skin care products
- Provide lash and brow treatments
- Perform waxing treatments
- Apply cosmetic tanning products
- Design and apply make-up
- Design and apply make-up for photography

- A Study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE II BUILDING & CONSTRUCTION

CERTIFICATE CODE: 21844VIC
VCE Title: Building & Construction Units 1 & 2
Subject Code: VETBC1 & VETBC2
Delivered: Chisholm TAFE, Rosebud (1 day per week)
Cost: approx. $350 (plus materials)

Unit Description:
This Program
➢ provides entry level training for people wishing to pursue a career in the Building and Construction Industry
➢ provides training that develops competencies and skills required in the Building and Construction industry
➢ provides a pathway into further education and employment opportunities

Contains the following modules
• Career Studies
• Construction Induction Card (White Card – OH&S)
• Communications for the Building Industry
• Workplace safety and environment procedures
• Basic First Aid
• Leveling
• Safe handling of plant and power tools
• Introduction to scaffolding
• Carpentry hand tools

VCE Title: Building & Construction Units 3 & 4
Subject Code: VETBC3 & VETBC4
Delivered: Chisholm TAFE, Rosebud (1 day per week)
COST: approx. $350 (plus materials)
Available to students who have completed Units 1 & 2

Unit Description
Contains the following modules
• Building structures
• Workplace documents and plans
• Quality principles for the Building Industry
• Calculations for the Building Industry
• Floor and wall framing
• Roof framing
• Basic setting out
• External cladding

A study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE III CHILDRENS SERVICES

CERTIFICATE CODE: CHC30708
VCE Title: Community Services & Health Units I & 2
Subject Code: VETCSI & VETCS2
Delivered: Chisholm TAFE, Frankston
Cost: approx. $350 (plus materials) (one afternoon per week)

Unit Description:
This program
- Trains students for centre based, out of school hours, family day care and nanny roles.
- Caring for children up to the age of 12 years
- Skills learned at the Certificate III level include basic knowledge, training and understanding of child development and how to foster and support the emotional and educational wellbeing of infants and children

Contains the following modules:
• Ensure children's health & safety
• Provide care for children
• Contribute to nutritionally balanced food
• Provide care for babies
• Support the development of children
• Develop understanding of children's interests
• Work effectively with families in child care
• Identify/respond to children at risk

VCE Title: Community Services & Health Units 3 & 4
Subject Code: VETCS3 & VETCS4
Delivered: Chisholm TAFE, Frankston
Cost: approx. $350 (plus materials)
Available to students who have completed Units 1 and 2

Unit Description:
Contains the following modules:
▪ Work within legal and ethical framework
▪ Interact effectively with children
▪ Participate effectively in the work environment
▪ Provide experience to support children
▪ Support sustainable practice
▪ Apply First Aid
▪ Contribute to OH&S processes

* A study score is NOT available.
CERTIFICATE II COMMUNITY SERVICES

CERTIFICATE CODE: CHC20108
VCE Title: Community Services Units 1 & 2
Subject Code: VETCOMS1 & VETCOMS2
Delivered: Chisholm TAFE, Frankston
Cost: approx. $350 (plus materials)

Unit Description:
The VCE VET Community Service Program provides student with the knowledge & skills that will enhance their employment prospects in the community services sector. This certificate can provide pathways into work or further study in community services in areas such as childcare aged care, home & community care, drug & alcohol work, disability work, social housing or mental health work.

Contains the following modules:
- Communicate with people accessing services
- Prepare for work in the community sector
- Identify & address specific client needs
- Support the development of children
- Support the activities of existing group
- Follow policies/procedures/programs
- Work with others
- Apply first aid
- Participate in WHS program

CERTIFICATE CODE: CHC20108
VCE Title: Community Services Units 3 & 4
Subject Code: VETCOMS3 & VETCOMS4
Delivered: Chisholm TAFE, Frankston
Cost: approx. $350 (plus materials)

Contains the following modules:
- Advocate for clients
- Undertake community sector work within own community
- Operate under a case work framework
- Work effectively in mental health
- Provide experiences to support children’s play and learning
- Work effectively in the leisure and health industry
CERTIFICATE II CONSERVATION & LAND MANAGEMENT

CERTIFICATE CODE: RTD20102
VCE Title: Conservation & Land Management Units I & 2
Subject Code: VETCLM1 & VETCLM2
Delivered: Chisholm TAFE, Rosebud (one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program provides participants with the knowledge and skills to achieve units of competence that will enhance their employment prospects in the Conservation and Land Management fields of Park Ranger, Bush Crew or Revegetation Crew worker, Natural Reserve Area worker, Water Quality Worker or Ecotourism worker/operator

Contains the following modules:
- Follow OH&S procedures
- Provide basic First Aid
- Operate machinery and equipment
- Plant trees and small shrubs
- Recognise plants
- Treat weeds
- Observe environmental work practices
- Participate in workplace communication
- Implement revegetation works
- Install aggregate paths
- VET workplace learning

VCE Title: Conservation & Land Management Units 3 & 4
Subject Code: VETCLM3 & VETCLM4
Delivered: Chisholm TAFE, Rosebud (one afternoon per week)
Cost: approx $300 (plus materials)

Available to students who have completed Units 1 & 2

Contains the following modules:
- Work effectively in the industry
- Clear features that harbour pest animals
- Operate machinery and equipment
- Maintain wildlife habitat refuges
- Undertake sampling and testing of water
- Recognise animals

- A study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE II ELECTROTECHNOLOGY  
(Career Start)

CERTIFICATE CODE:  UEE22007  
VCE Title:  Electrotechnology (Career Start - VCAL) Year 1  
Subject Code:  VETELCS1  
Delivered:  Chisholm TAFE, Rosebud (one day per week)  
Cost:  approx. $350 (plus materials)

Unit Description:  
This program is project based and gives hands on experience in the workshop and an introduction to careers in Electrotechnology. Students who complete both years of this course will have completed a nationally recognised prevocational qualification for careers in the Electrical industry.

Contains the following modules:
- Apply OHS practices in the workplace
- Solve problems in extra low voltage single path circuits
- Solve problems in multiple path DC circuits
- Identify and select components/accessories/materials for electrotechnology work activities
- Perform routine manual arc welding

VCE Title:  Electrotechnology (Career Start - VCAL) Year 2  
Subject Code:  VETELCS2  
Delivered:  Chisholm TAFE, Rosebud (one day per week)  
Cost:  approx. $350 (plus materials)

Available to students who have completed Year 1

Unit Description

Contains the following modules:
- Use of routine equipment/plant/technologies in an electrotechnology environment
- Carry out routine work activities in an electrotechnology environment
- Use basic computer applications relevant to a workplace
- Assemble, set up and test personal computers
- Perform routine oxyacetylene welding.

• A Study score is NOT available for this program.
CERTIFICATE II ELECTROTECHNOLOGY  
(Shared Technology)

CERTIFICATE CODE: 21583VIC  
VCE Title: Electrotechnology Units 1 & 2 (Shared Technology)  
Subject Code: VETEL1 & VETEL2  
Delivered: Chisholm TAFE, Frankston (one afternoon per week)  
Cost: approx. $350 (plus materials)

Unit Description:  
This program aims to provide participants with the knowledge and skills to achieve units of competence that will enhance their employment prospects in the Electrotechnology and related industries, and enable them to gain a recognised credential and make a more informed choice of vocational and career paths.  
➢ Carry out shared technology project  
➢ Identify and select components/accessories/materials for Electrotechnology work activities  
➢ Apply technologies and concepts to Electrotechnology work activities

Contains the following modules:  
• Carry out industry research  
• Apply safe working practices  
• Job seeking skills  
• Use and maintain workplace tools and equipment  
• Remove and replace engine cylinder head  
• Recharge batteries  
• Operate electrical test equipment

VCE Title: Electrotechnology Units 3 & 4 (Shared Technology)  
Subject Code: VETEL3 & VETEL4  
Delivered: Chisholm, Frankston (one afternoon per week)  
Cost: approx. $350 (plus materials)  
Available to students who have completed Units 1 & 2

Unit Description  
Contains the following modules  
• Identify and select components/accessories/materials for Electrotechnology work activities  
• Apply technologies and concepts to Electrotechnology work activities

Plus two of the following electives:  
• computer systems networks  
• wireless communication  
• energy generation  
• robotics and embedded controllers

• A Study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR
CERTIFICATE II ENGINEERING STUDIES

CERTIFICATE CODE: 21566VIC
VCE Title: Engineering Studies Units 1 & 2
Subject Code: VETEN1 & VETEN2
Delivered: Chisholm TAFE, Frankston (one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program aims to provide participants with the knowledge and skills to achieve units of competence that will enhance their employment prospects in the Engineering and related industries, and enable them to gain a recognised credential and make a more informed choice of vocational and career paths.

- Develop an individual career plan for the Engineering Industry
- Perform basic machining processes
- Use computers for engineering related work activities
- Use power tool/hand held operation
- Produce basic engineering sketches and drawings

Contains the following modules:
- Apply principles of Occupational Health & Safety in a work environment
- Develop an individual career plan for the Engineering Industry
- Perform basic machining processes
- Apply basic fabrication techniques
- Use computers for engineering related work
- Perform basic computational principles in engineering work activities
- Use hand tools
- Use power tools/hand held operation

VCE Title: Engineering Studies Units 3 & 4
Subject Code: VETEN3 & VETEN4
Delivered: Chisholm, Frankston (one afternoon per week)
Cost: approx. $350 (plus materials)

Available to students who have completed Units 1 & 2

Unit Description
Contains the following modules:
- Apply electrotechnology principles in an engineering work environment
- Produce basic engineering sketches and drawings
- Use basic engineering concepts to plan the manufacture of engineering components
- Handling engineering materials
- Produce basic engineering components and products using fabrication and machining

- A Scored Assessment is available for this program
CERTIFICATE II EQUINE INDUSTRY

CERTIFICATE CODE: 21327VIC
VCE Title: Equine Industry Units 1 & 2
Subject Code: VETEI1 & VETEI2 (one afternoon per week)
Delivered: Box Hill TAFE (tutorials at Toorak College & prac. sessions at Mornington)
Cost: approx. $350 (plus materials)

Unit Description:
This program:
- enables students to gain a basic knowledge of the Equine Industry
- will develop a core of skills, knowledge, attitudes and values which can be adapted and developed within a horse stable environment
- will foster the development of skills that are necessary to ensure that effective interpersonal work relationships are established and maintained
- develops techniques in horse handling, horse health and stable management
- will be delivered through Hillcrest College with practical tuition taking place at Hillcrest College, Clyde one day per term
- is delivered by means of internet, CD ROMs and written assignments with a tutor

Contains the following modules:
- Work effectively in the Equine Industry
- Identify and develop a career path in the Equine Industry
- Communicate within the Equine Industry
- Introduction to Occupational Health & Safety procedures
- Horse riding or driving skills
- Handle horses safely in the Equine Industry

VCE Title: Equine Industry Units 3 & 4
Subject Code: VETEI3 & VETEI4
Delivered: Box Hill TAFE (tutorials at Toorak College & prac. sessions at Mornington)
Cost: approx. $350 (plus materials)

Available to students who have completed Units 1 & 2

Contains the following modules:
- Health Care
- Horse Features
- Feeding
- Riding/Driving
- Horse Breeding (Principles)
- Electives (one of):
  - Event Management
  - Dressage
  - Breeding

Will change in 2014
- A Scored Assessment is available in this subject.
CERTIFICATE III in FINANCIAL SERVICES

CERTIFICATE CODE: FNS30111
VCE Title: Business Services 3 & 4 (2 Years)
Subject Code: VETHBS1 & VETHBS2
Delivered: Chisholm TAFE, Frankston (one afternoon per week)
COST: approx. $350 (plus materials)

Unit Description:

This program is designed to reflect the job role of entry level employees working across the entire financial services industry.
This course is to introduce various roles across key areas of the financial services industry. Students will learn about responding to client needs, maintaining financial records, processing records and performing clerical duties. This course will provide skills, and an understanding of the wide variety of positions in the financial services industry.

Students who complete Certificate III in Financial Services will gain four credits towards the Certificate IV in Accounting.

Units delivered over two years may include:

- Participate in OHS processes
- Work effectively with others
- Use business technology
- Work effectively in the financial services industry
- Produce spread sheets
- Maintain business records
- Perform financial calculations
- Balance cash holdings
- Maintain main bank account
- Manage credit card services
- Administer subsidiary accounts and ledgers
- Process financial transactions and extract interim reports
- Establish and maintain a payroll system
CERTIFICATE II HAIRDRESSING

CERTIFICATE CODE: WRH20106
VCE Title: Wholesale Retail Personal Services Units 1 & 2 (1 Year)
Subject Code: VETHBS1 & VETHBS2
Delivered: Chisholm TAFE, Rosebud (one day per week)
COST: approx. $1000 (includes kit)

Unit Description:
The program will offer the student the opportunity to undertake a Certificate II qualification while completing their VCE or VCAL studies. Students will receive the training of a first year apprentice, practical skills for styling, removal of chemicals and basin services, and undertake theory studies in client communication.

Contains the following modules:

Retail:
- Participate in environmentally sustainable work practices
- Perform shampoo and basin services
- Perform head, neck and shoulder massage
- Greet and prepare clients for salon services
- Apply hair colour products
- Dry hair to shape
- Apply hair braiding techniques
- Rinse and neutralise chemically restructured hair
- Maintain and organize tools, equipment and work areas
- Apply salon safety procedures
- Communicate in the workplace
- Work effectively in a retail environment
- Sell products and services

A Study score is NOT available for this program.
Certificate III Health Service Assistance

CERTIFICATE CODE: HLT325074
VCE Title: Health Services Units 3 & 4
Subject Code: VETHSA3 & VETHSA4
Delivered: Chisholm TAFE, Frankston (one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
The program aims to develop skills that will lead to a range of career options in the health industry. The units have been selected to give breadth of delivery and outcomes into further study and employment including home and community care, health services assistant, aged care, mental health, massage therapy and allied health assistance. The program will also provide a pathway into diploma level courses in remedial massage, myotherapy, nursing and community services.

Year 1
Contains the following modules:
- First aid (Level 1)
- Safe food handling (Certificate in Food Handling)
- Occupational health and safety
- Transport clients (patient transport)
- Medical terminology
- Anatomy and physiology
- Infection control
- Communicate and work effectively in health
- Work effectively in community services
- Orientation to mental health
- Work effectively with people with a disability
- Cultural diversity
- Assist with an allied health program
- Work effectively with older people

Year 2
Contains the following modules:
- Contribute to effective workplace relationships
- Apply the principles of confidentiality, privacy and security within the medical environment
- Work effectively with people with a disability
- Work effectively in mental health
- Maintain high standard of client service
- Support the care of clients
- Communicate and work effectively in health
- Work effectively with culturally diverse clients and co-workers

A Study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR
CERTIFICATE II HORTICULTURE (Landscaping)

CERTIFICATE CODE: RTF20403
VCE Title: Horticulture (Landscaping) Units 1 & 2
Subject Code: VETHOL1 & VETHOL2
Delivered: Chisholm TAFE, Rosebud (one day per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program provides students with exposure to the main facets of the Landscape Industries with an emphasis on transferable skills which allow for movement into other areas of the Horticulture Industry.

Contains the following modules:
- Plant trees and shrubs
- Recognise plants
- Follow OH&S procedures
- Observe environmental work practices
- Participate in workplace communications
- Transplant small trees
- Construct low profile timber or modular retaining walls
- Assist with landscape construction
- Determine basic properties of soils and growing media

VCE Title: Horticulture (Landscaping) Units 3 & 4
Subject Code: VETHOL3 & VETHOL4
Delivered: Chisholm TAFE, Rosebud (one day per week)
Cost: approx. $350 (plus materials)
Available to students who have completed Units 1 & 2

Unit Description
Contains the following modules:
- Operate machinery and equipment
- Operate tractors
- Work effectively in the industry
- Lay irrigation or drainage pipes
- Maintain pressurised irrigation systems
- Assist with turf construction
- Support turf establishment
- Lay paving

*A Study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.*
CERTIFICATE II HORTICULTURE
(Parks & Gardens)

CERTIFICATE CODE: RTF20703
VCE Title: Horticulture (Parks & Gardens) Units 1 & 2
Subject Code: VETHORPG1 & VETHORPG2
Delivered: Chisholm TAFE, Cranbourne (one day per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program provides students with exposure to the main facets of the Parks, Nursery and Landscape Industries that are contained within the general sphere of horticulture. Students who complete this course will be well equipped to enter the horticultural industry as a general hand, but will also be well placed to articulate into an apprenticeship position.

Contains the following modules:
- Follow OH&S procedures
- Provide basic First Aid
- Plant trees and shrubs
- Recognise plants
- Treat weeds
- Observe environmental work practices
- Participate in workplace communication
- Carry out natural area restoration
- Install aggregate paths
- Determine basic properties of soil/growing media

VCE Title: Horticulture (Parks & Gardens) Units 3 & 4
Subject Code: VETHORPG3 & VETHORPG4
Delivered: Chisholm TAFE, Cranbourne (one day per week)
Cost: approx. $350 (plus materials)

Unit Description
Contains the following modules:
- Work effectively in the industry
- Prepare turf surfaces for play
- Operate machinery and equipment
- Apply chemicals under supervision
- Prune shrubs and small trees
- Undertake propagation activities
- Prepare and maintain plant displays

*A Study score is NOT yet available for this program, however a 10% increment may be calculated towards the ATAR.*
CERTIFICATE II HORTICULTURE (Turf)

CERTIFICATE CODE: RTF20703
VCE Title: Horticulture (Turf) Units 1 & 2
Subject Code: VETHORT1 & VETHORT2
Delivered: Chisholm TAFE, Rosebud (one day per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program provides students with exposure to the main facets of the Turf industries that are contained within the general sphere of horticulture. Completion of the Certificate II in Horticulture (Turf) allows students to proceed into the industry as an apprentice or in one of the following areas:
- Golf Courses
- Sports Fields

Contains the following modules:
- Recognise plants
- Undertake operational maintenance of machinery
- Operate and maintain chainsaws
- Operate machinery and equipment
- Operate tractors
- Treat weeds
- Treat plant pests, diseases and disorders

VCE Title: Horticulture (Turf) Units 3 & 4
Subject Code: VETHORT3 & VETHORT4
Delivered: Chisholm TAFE, Rosebud (one day per week)
Cost: approx. $350 (plus materials)
Available to students who have completed Units 1 & 2

Unit Description
Contains the following modules:
- Observe environmental work practices
- Work effectively in the industry
- Apply chemicals under supervision
- Participate in workplace communications
- Maintain pressurised irrigation systems
- Prepare turf surfaces for play
- Renovate grassed areas
- Assist with turf construction

A Study score is NOT yet available for this program, however a 10% increment may be calculated towards the ATAR
CERTIFICATE II HOSPITALITY
(Kitchen Operations)

CERTIFICATE CODE: SIT20307
VCE Title: Hospitality Units 1 & 2 (Kitchen Operations)
Subject Code: VETHO1 & VETHO2
Delivered: Chisholm TAFE, Rosebud (an afternoon/evening per week)
Cost: approx. $350 (plus materials)

Unit Description
This program provides:
- access to a range of potential career paths within the hospitality industry
- training and skill development for the achievement of competence in areas such as commercial cookery, front office management, housekeeping and food and beverage service
- additional costs apply for uniform and equipment (total cost to be advised). The Course will be delivered by Chisholm TAFE at Rosebud.
- a work placement of 40 hours in which students will work in the Hospitality Industry.

Contains the following modules
- Work with colleagues and customers
- Work in a socially diverse environment
- Follow health, safety and security procedures
- Develop and update hospitality industry knowledge
- Follow workplace hygiene procedures
- Use basic methods of cookery
- Organise and prepare food
- Present food
- Clean and maintain kitchen premises
- Receive and store kitchen supplies

VCE Title: Hospitality Units 3 & 4 (Kitchen Operations)
Subject Code: VETHO3 & VETHO4
Delivered: Chisholm TAFE, Rosebud
Cost: approx. $350 (plus materials)
Available to students who have completed Units 1 & 2

This program:
- May be offered through Chisholm TAFE at Rosebud one afternoon and evening.

Contains the following modules
- Prepare, cook and serve food for food service
- Prepare appetizers and salads
- Prepare stocks, sauces and soups
- Prepare vegetables, fruit, eggs and farinaceous dishes
- Prepare food and cold desserts

Plus one elective – either
- Select, prepare and cook poultry
- Plan and prepare food for buffets

*A scored assessment IS available in this subject.*
VET
Vocational Education & Training

CERTIFICATE II HOSPITALITY
(Operations - Front)

CERTIFICATE CODE: SIT20207
VCE Title: Hospitality Units 1 & 2 (Operations - Front)
Subject Code: VETHF1 & VETHF2
Delivered: Chisholm TAFE, Frankston (one afternoon/evening per week)
Cost: approx. $350 (plus materials of approx. $400)

Unit Description:
This program provides:
- access to a range of potential career paths within the hospitality industry
- training and skill development for the achievement of competence in areas such as commercial cookery, front office management, housekeeping and food and beverage service
- additional costs apply for uniform and equipment (total cost to be advised). The Course will be delivered by Chisholm TAFE at Rosebud.
- a work placement of 40 hours in which students will work in the Hospitality Industry.

Contains the following modules
- Work in a Socially Diverse Environment
- Receive and store stock
- Use Basic Methods of Cookery
- Present Food
- Receive and store kitchen supplies
- Clean and tidy bar areas
- Apply hospitality skills in the workplace
- Follow Workplace Hygiene Procedures
- Organise and Prepare Food
- Clean and Maintain Kitchen Premises
- Work with Colleagues and Customers
- Serve food and beverage to customers
- Process financial transactions
- Develop and Update Hospitality Industry Knowledge
- Follow Health, Safety & Security procedures

VCE Title: Hospitality Units 3 & 4 (Operations – Front)
Subject Code: VETHF3 & VETHF4
Delivered: Chisholm TAFE, Frankston
Cost: approx. $350 (plus materials of approx $400)

This program:
- May be offered through Chisholm TAFE at Frankston one afternoon and /or evening.

Contains the following modules
- Develop and update food and beverage knowledge
- Prepare and serve non alcoholic beverages
- Provide food and beverage service
- Prepare and serve espresso coffee
- Provide responsible service of alcohol

A scored assessment IS available in this subject.
CERTIFICATE III IN INFORMATION TECHNOLOGY, DIGITAL MEDIA AND TECHNOLOGY (GAMES CREATION)

CERTIFICATE CODE: ICA30111
VCE Title: Information Technology (Games Creation)
Subject Code: VETITGC1 and VETITGC2
Delivered: Chisholm, Frankston (one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
The Certificate III in Information, Digital media and Technology (Games Creation) is an ideal introduction to enter the world of game development. Completing this certificate course provides a pathway or entry level program for the higher level Certificate IV and into the Diploma.

Units delivered over two years may include:
Year 1
- Operate application software packages
- Create user documentation
- Produce an interactive game
- Identify and use current industry-specific technologies
- Customize packaged software applications for clients
- Use advanced features of computer applications
- Develop macros and templates for clients using standard products
- Apply simple modelling techniques

Year 2
- Design and apply simple textures to digital art
- Identify and apply principles of games design and game playing
- Create design documents for interactive games
- Implement system software changes
- Install and optimise operating system software
- Run standard diagnostic tests
- Participate effectively in OHS communication and consultative process
- Implement and monitor environmentally sustainable work practices
- Work and communicate effectively in an IT environment

VCE: On successful completion of Year 2, students are eligible of up to two units at unit 1-2 level and a 3-4 sequence contribution to their VCE

*A study score is available for this program.*
CERTIFICATE IV in INTEGRATED TECHNOLOGIES

CERTIFICATE CODE: CISCO22263VIC
VCE Title: CISCO Networking
Subject Code: VETCISCO1 and VETCISCO2
Delivered: Chisholm, Frankston (one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program provides VCE students with theory and practical skills in the design, construction and maintenance of small to medium sized computer networks.

Units delivered over two years may include:

Year 1
- Install and configure a home or small office network
- Build a simple network and establish end to end connectivity
- Configure and troubleshoot network switches and routers

Successful completion of Year 1 provides the knowledge required to obtain CISCO CCENT certification and gives 240 hours credit to Cert IV in Computer Systems.

VCE: Students who complete half the CISCO Networking Academy program (that is they receive VBP118, VPAU645 and VPAU646) will be eligible for two units credit towards their VCE: one Unit 3-4 sequence.
Students who receive a Unit 3-4 sequence (for VBP118, VPAU645 and VPAU646) will be eligible for a 10% increment towards their ATAR.

Year 2
- Build and maintain a fundamental network
- Apply advanced routing protocols to network design
- Install and configure basic network and computer operation systems
- Configure and troubleshoot advanced network switching
- Install and maintain a WAN
- Build a small wireless LAN

Successful completion of Year 2 provides the knowledge required to obtain CISCO CCNA certification and gives 200 hours credit to Diploma of Computer Systems Engineering.

Students who complete the entire CISCO Networking Academy Program will be eligible for four units credit towards their VCE: two Unit 3-4 sequences.
Students who receive two Units 3-4 sequences (VBP118, VPAU645, VPAU646, VPAU810, VPAU811, VBP121, VPAU812, VPAU813 & VPB123) will be eligible for two 10% increments towards their ATAR

*A study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE IV JUSTICE

CERTIFICATE CODE: 21792VIC
VCE Title: Public Administration & Safety Units 3 & 4
Subject Code: VETJ1 and VETJ2
Delivered: Chisholm, Frankston (one day per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program provides students with vocational education and training pathways needed by people wishing to enter, develop skills and to pursue a career within the community justice field and to work as a paralegal professional. This includes areas such as Policing, Local Government, Courts, Corrections and Customs. It complements and enhances VCE Legal Studies.

Year 1
Contains the following modules:
- Implement workplace safety procedures and programs
- Support policing processes within justice environment contexts
- Apply foundation legal principles
- Apply writing and presentation skills within a justice environment

First year students also attend an overnight “crime scene” camp in October

Year 2
Contains the following modules:
- Apply writing and presentation skills within a justice environment
- Implement workplace safety procedures and programs
- Support policing processes within justice environment contexts
- Work within the criminal justice system
- Support the management of adult offenders

Upon successful completion of this program, students will have preferred entry at Chisholm into the Advanced Diploma of Justice to complete their studies, regardless of ATAR score. The Advanced Diploma of Justice articulates into the Bachelor of Criminal Justice at University, providing a career pathway whilst studying VCE/VCAL.

*A study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE III LABORATORY SKILLS

CERTIFICATE CODE: MSL30109
VCE Title: Laboratory Skills Units 1 & 2
Subject Code: VETLS1 & VETLS2
Delivered: Chisholm TAFE, Frankston (one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program combines VCE studies with a Certificate III in Laboratory Skills gives students the opportunity to enhance their school based learning with applied skills through laboratory work and simulated workplace learning facilities. This program prepares students for a range of sciences: biotechnology, nanotechnology, pathology and forensic science.

- Plan and conduct laboratory/field work
- Contribute to the achievement of quality objectives
- Perform aseptic techniques
- Prepare work solutions

Contains the following modules:
- Communicate with other people
- Record and present data
- Participate in laboratory/field workplace safety
- Plan and conduct laboratory/field work
- Maintain the laboratory fit for purpose
- Receive and prepare samples for testing
- Perform basic tests
- Participate in environmentally sustainable work practices

VCE Title: Laboratory Skills Units 3 & 4
Subject Code: VETLS3 & VETLS4
Delivered: Chisholm TAFE, Frankston (one afternoon per week)
Cost: approx. $350 (plus materials)

Available to students who have completed Units 1 & 2

Contains the following modules:
- Contribute to the achievement of quality objectives
- Perform aseptic techniques
- Prepare work solutions
- Perform microscopic examinations
- Prepare practical science classes & demonstrations

- A Scored Assessment is available for this program.
CERTIFICATE III MINISTRY & THEOLOGY (Vetamorphus)

CERTIFICATE CODE: 30771QLD
VET Title: Certificate III Ministry & Theology (Vetamorphus) Units 3 & 4
VET Code: VETMT3 & VETMT4
Delivered: Vetamorphus, Rosebud [off campus] (one afternoon per week)
Cost: approx. $350 (subject to change)

Unit Description:
This program which focuses on engaging students with real issues of the Christian Faith in today's society. This course can be a helpful stepping stone to a career in Youth Work, Christian Leadership, Aged Care or many other social services.

Contains the following modules:
- Contribute to team effectiveness
- Support group activities
- Understanding Christian Scripture today
- Identifies theological data
- Identifies theological theme/issue data
- Identifies new theological insights
- Identifies theological knowledge in life
- Communicate theology – everyday language

A study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE III MUSIC

CERTIFICATE CODE: CUS30109
VCE Title: Music Units 1 & 2
Subject Code: VETMU1 & VETMU2
Delivered: Australian College of the Arts at Mt Eliza Secondary College
            (one afternoon per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program provides access to various career pathways available in the Music Industry, offers skill enhancement in five key industry areas including music industry studies, music performance, music technology, music business, music marketing and media. Involves a 40 hour work placement in which students work in a music industry setting, either during school time or holidays.

Contains the following modules:
- Implement copyright arrangements
- Work effectively in the music industry
- Compose simple songs or musical pieces
- Incorporate music tech into performance
- Contribute to backup accompaniment
- Make a music demo
- Follow OH&S procedures
- Assist with sound recordings

CERTIFICATE III MUSIC

CERTIFICATE CODE: CUS30209
VCE Title: Music Technical Production - Certificate III Units 3 & 4
Subject Code: VETMU3 & VETMU4
Delivered: Australian College of the Arts at Mt Eliza Secondary College
            (one evening per week)
Cost: approx. $350 (plus materials)

Scored Assessment in this subject is available in either:

Contains the following modules:
- Apply knowledge of genre to music making
- Develop technical skills in performance
- Develop improvisation skills
- Develop and maintain stagecraft skills
- Perform music as part of a group
- Perform music as a soloist

- A Study Score is available for the 3-4 sequence.
CERTIFICATE II OUTDOOR RECREATION

CERTIFICATE CODE: SIS20210
VCE Unit Title: Outdoor Recreation Units 1 & 2
Subject Code: VETORC1 & VETORC2
Delivered: Chisholm TAFE, Frankston
Cost: approx. $350 (plus materials)

Unit Description:
This program is designed to introduce the student to the employment and educational opportunities within the Sport and Recreation industries. The focus of the program is on developing the skills, knowledge and confidence to work in the area. Outdoor Recreation students will develop leadership and organisational skills through theory and practical sessions in the classroom, the workplace and on a camp. In the 2nd year all students moving to complete a Unit 3 & 4 sequence will complete a Certificate III in Sport and Recreation.

Contains the following modules:
- Organise personal work priorities and development
- Apply First Aid
- Operate application software packages
- Demonstrate bushwalking skills in a controlled environment
- Demonstrate top rope climbing skills on artificial surfaces
- Select, set up and maintain a bike
- Demonstrate basic cycling skills
- Demonstrate simple kayaking skills
- Demonstrate navigation skills in a controlled environment
- Assist in conducting outdoor recreation sessions
- Minimise environmental impact
- Demonstrate snorkelling activities
- Demonstrate surf survival and self rescue skills
- Demonstrate basic surfing manoeuvres in controlled conditions
- Provide customer service
- Respond to emergency situations
- Work effectively in sport and recreation environments
- Follow occupational health and safety policies
CERTIFICATE CODE: 22138VIC
VCE Title: Building & Construction (Year 1) Units 1 & 2
Subject Code: VETPL1
Delivered: Chisholm Rosebud (one day per week)
Cost: approx. $350 (plus materials)

Unit Description:
This pre-vocational certificate is the entrance level into the Plumbing Industry. Completion of all required units will reduce the educational component of the apprenticeship. The training is predominantly project-based, focuses on practical skills and provides extensive instruction regarding the careers within the Plumbing Industry.

Contains the following modules:
- Carry out interactive workplace communication
- Work safely in the construction industry
- Apply OH&S requirements, policies and procedures in the construction industry
- Carry out measurements and calculations
- Work effectively and sustainable in the construction industry
- Identify career pathways in the plumbing industry
- Apply basic leveling procedures
- Perform basic oxy-acetylene welding and cutting
- Apply basic sheet metal practices
- Use basic electric welding equipment and techniques
- Provide basic emergency life support
- Write simple documents

CERTIFICATE CODE: 22138VIC
VCE Title: Building & Construction (Year 2) Units 1 & 2
Subject Code: VETPL2
Delivered: Chisholm Rosebud (one day per week)
Cost: approx. $350 (plus materials)

Unit Description:
Contains the following modules:
- Read and interpret plans and speculations
- Produce technical drawings
- Use basic plumbing hand tools
- Use basic power tools
- Use plumbing pipes, fitting and fixtures to simulate plumbing installations
- Fabricate simple plumbing systems
  Cut and penetrate building materials and structures

- A study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR
CERTIFICATE IV RESIDENTIAL DRAFTING
(partial completion)

CERTIFICATE CODE: 52515WA
VCE Title: Building and Construction Units 3 & 4
Subject Code: VETRD3 and VETRD4
Delivered: Chisholm, Frankston (one afternoon/evening per week)
Cost: approx. $350 (plus materials)

Unit Description:

This program is for students investigating a career in drafting and architecture. The students who undertake this new program will complete design and presentation subjects that will complement and prepare the students for further studies in Drafting and Architecture.

Upon successful completion of this program, students will have preferred entry at Chisholm into the Advanced Diploma of Building Design (Architectural) to complete their studies regardless of ATAR score. The Advanced Diploma of Building Design (Architectural) articulates into the Bachelor of Architectural Design at University, providing a career pathway whilst studying VCE/VCAL

Year 1

Contains the following modules:
- Apply communication processes in the design office
- Create technically projected views of architectural/interior design
- Undertake surveys of existing sites and buildings
- Use sketching presentation techniques to communicate design concepts

Year 2

Contains the following modules:
- Produce technical drawings to architectural conventions using CAD software
- Produce working drawings of single level residential dwellings
- Provide design solutions for small residential living units

- A study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR.
CERTIFICATE II RETAIL MAKE-UP & SKIN CARE

CERTIFICATE CODE: SIB20110
VCE Title: Retail Make-Up & Skin Care Units 1 & 2
Subject Code: VETMAU1 & VETMAU2
Delivered: Chisholm TAFE, Frankston (one day per week)
Cost: approx. $1000 (includes kit)

Unit Description:
Successful completion of the Certificate program can lead to employment prospects as a Beauty Therapist or Make-Up Artist

Contains the following modules:
- Demonstrate retail skin care products
- Conduct financial transactions
- Communicate in the workplace
- Design and apply make-up
- Work effectively in a retail environment
- Merchandise products
- Apply safe working practices
- Recommend hair, beauty and cosmetic products and services
- Sell products and services
- Create a display
- Provide services to clients
- Participate in environmentally sustainable work practices
- Design and apply make-up for photography
- Design and apply remedial camouflage make-up
- Research & apply Beauty Industry information
- Organise & maintain work areas

- **A Study score is NOT available for this program, however a 10% increment may be calculated towards the ATAR**
CERTIFICATE II RETAIL OPERATIONS

CERTIFICATE CODE: WRR20102
VCE Title: Retail Operations Units 1 & 2
Subject Code: VETRO1 & VETRO2
Delivered: SkillsPlus, Frankston (tutorials at Rosebud SC)
Cost: approx. $350 (plus materials)

Unit Description:
This program
- provides a means of giving recognition to many of our students who are working part time in the retail industry
- will only be available to students who work an average of 15 hours per week with a retail employer
- will be of benefit to students seeking short or long term employment in the retail sector
- will be delivered by Skills Plus with the Careers office acting in a liaison capacity
- will be self paced allowing students to work through written course materials which are provided by Skills Plus
- can be completed as an additional VCE/VCAL subject above the normal load OR can be completed as a normal VCE/VCAL subject with school time allowed for the coursework to be undertaken
- is suitable for students in Years 10, 11 or 12.

Contains the following modules:
- Communicate in the workplace
- Operate retail equipment
- Work effectively in a retail environment
- Perform routine housekeeping duties
- Apply safe working practices
- Minimise theft
- Apply point of sale handling procedures
- Interact with customers
- Perform stock control procedures
- Balance register/terminal

This program is only available at the 1/2 level and cannot be taken as a 3/4 sequence.

Many students compete the Certificate III Retail Operations through their part-time workplace and this can be credited towards their VCE/VCAL

- A study score is NOT available for this program
DIPLOMA OF SPECIALIST MAKE-UP
(Partial Completion)

CERTIFICATE CODE: CUF50407
VCE Title: Cultural Recreation Entertainment Units 3 & 4
Subject Code: VETSM03 & VETSM042
Delivered: Chisholm, Frankston
Cost: approx. $1000 (Inc kit)

Unit Description:
This program is intended for male and female students wishing to pursue a career in the Make-up industry. All units aim to develop skills in design, time management, client communication, correct use of cosmetics and an analysis of client characteristics, incorporating occupational health and safety procedures. The course structure is based on an integration of theory and practical skills.

- Glamour - Make-up for Fashion, Bridal and Photographic
- Period Make-up – Histology of Make-up
- Stage/Theatrical Make-up
- Special Effects Film and Television Make-up

Students who have successfully completed this course gain full credits into the Diploma of Specialist Make-up.

Contains the following modules:
- Develop & extend critical & creative thinking
- Design, apply and remove make-up
- Design and apply special make-up effects
- Conduct research
- Design & apply make-up for photography
CERTIFICATE III TOURISM & CERTIFICATE III EVENTS

CERTIFICATE CODE: SIT30107/SIT30607
VCE Title: Tourism, Hospitality & Events Unit 1
Subject Code: VETT01 & VETT02
Delivered: Chisholm TAFE, Frankston (one day per week)
Cost: approx. $350 (plus materials)

Unit Description:
This program delivers a dual qualification Certificate III in Tourism and Certificate III in Events. This course will be delivered over a two year period.

The course has been designed to meet employment opportunities in Peninsula’s region and provide credit transfer into Diploma programs in Tourism, Hospitality and Events.

Possible career opportunities include:
- Adventure Tourism
- Administrative/Personal Assistant in PR functions
- Tourist Information Officer
- Administrative Officer
- Events Organiser
- Events Operations
- Events coordination
- Winery Cellar Door/Sales
- Theme Park Attendant
- Travel Agent
- Resorts
- Sporting Venues

Duration: Two Years

Year 1
Contains the following modules
- Source/use info on tourism/travel industry
- Operate an online information system
- Provide advice on Australian destination
- Book supplier services
- Provide visitor information
- Provide service to customers
- Show social and cultural sensitivity
- Participate in safe work practices

Year 2
Contains the following modules
- Serve food and beverage to customers
- Provide food and beverage service
- Prepare and serve espresso coffee
- Provide event staging support
- Coach others in job skills
- Receive and store stock

Further Education Opportunities
Diploma of Tourism, Advanced Diploma of Tourism
- A study score is NOT available for this program.