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Grovedale College

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Dear Parents and Students,

Welcome to Senior School. This is an important time for all students entering the Senior School for the first time in 2015, and for those currently progressing through the senior years.

The aim of this booklet is to provide students, along with their parents/guardians with the information required to make informed and constructive choices for their studies in 2015 and into the future.

There are a number of steps that students and their parents/guardians need to move through to complete the course selection process.

Step 1	Collect this Senior School Course Information and Selection Handbook.						
Step 2	Attend Course Information sessions. (Thursday 21 st August)						
Step 3	Speak to subject teachers and other relevant College staff about courses for 2015, exploring a range of ideas and discussing areas of interest for possible future career paths.						
Step 4	Attend the Course Counselling interview (2 September – 11 September). Students are required to attend their appointment with a parent/guardian in order to discuss their subject choices with a College course counsellor and to finalise selections for 2015. You will have received your appointment times for these interviews in August. Please contact Mrs Debbie Shelton or Ms Deanne Davis if you have any queries regarding these interviews on 5245 4556. Course Counselling interviews will be held on the following dates:						
	<table border="1"> <tr> <td>Year 10 2015 (current Year 9)</td> <td>Tuesday 2 September & Tuesday 9 September 2015</td> </tr> <tr> <td>Year 11 2015 (current Year 10)</td> <td>Wednesday 3 September & Thursday 4 September 2015</td> </tr> <tr> <td>Year 12 2015 (current Year 11)</td> <td>Wednesday 10 September & Thursday 11 September 2015</td> </tr> </table>	Year 10 2015 (current Year 9)	Tuesday 2 September & Tuesday 9 September 2015	Year 11 2015 (current Year 10)	Wednesday 3 September & Thursday 4 September 2015	Year 12 2015 (current Year 11)	Wednesday 10 September & Thursday 11 September 2015
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Year 11 2015 (current Year 10)	Wednesday 3 September & Thursday 4 September 2015						
Year 12 2015 (current Year 11)	Wednesday 10 September & Thursday 11 September 2015						

This handbook contains the following information:

- Course Information.
- Senior School information.
- Course Selection Sheets.
- Senior School Enrolment Agreement.

Students need to ensure they read this handbook and bring it to their interview.

Lyndell Ellis
Senior School Leader

Neil Kilpatrick
Senior School
Curriculum Leader

Kylie Greenhalgh
Assistant Principal

Attendance Policy

The Senior School attendance policy is designed to follow the recommendations of the Victorian Curriculum and Assessment Authority VCE/VCAL Administrative Handbook that schools should develop rules relating to attendance and authentication and outline the consequences in the event of a breach of these rules.

It is important that students (and parents) understand that the VCAA handbook clearly states: *“Students must attend 50 hours of class time to complete set school assessed tasks and coursework. Work done in class time is necessary for authentication ... in circumstances where there has been a substantive breach of attendance rules, (even when a student has completed the work) the student may be awarded ‘N’ (Not satisfactory) for the unit.”*

Decisions in relation to school rules are not subject to appeal to the VCAA by students.

NOTE: penalties for any breach of the attendance rules are not applicable to students absent from school for prolonged periods of time due to illness or other special circumstances. In this case, medical certificates must be provided. It should be noted, however, that considerable absence could lead to an inability to satisfy outcomes and therefore an ‘N’ will be awarded.

Attendance Requirements

All absences must be explained. While the College appreciates the use of the “student absence line” (5245 4556), as a courtesy to inform us that a student will be absent, students must still bring a written note from their parent or guardian the day following their absence. Absences due to College-approved excursions or medically certificated illness are classified as “approved absences”. Students with more than 10% unapproved absences in a unit are at risk of an unsatisfactory result for that unit.

All medical certificates should be passed on to Ms Ellis via the “VCE Medical Certificates” slot and notes of explanation of absences should be handed to Home Group teachers.

Family Holidays

Senior secondary education is a critical three year step in a young person’s education, life and work. Students are at a clear disadvantage if absent from the classroom for more than is absolutely necessary, therefore it is strongly recommended that family holidays be confined to school holiday time to ensure the best possible educational outcomes for the student.

School Assessed Coursework (SAC) absences.

An unapproved absence during a scheduled SAC will automatically and permanently result in a score of zero. If the SAC was a work requirement for the unit then the unit result will be “N” unless the teacher is able to arrange for an alternative task to be organised.

Submission Policy

Due Dates - Deadlines are designed for the smooth running of a course, the spreading of workload over the semester and to help students to complete work requirements and assessment tasks satisfactorily.

- Students are encouraged to hand work in before the due date.
- SACs should be handed directly to the teacher concerned, not “passed on” or “left on desks” or “pigeon holed”. Electronic submissions must be submitted in the required, readable format in a timely manner. Submission errors or file corruptions are not valid reasons for late submissions. Submit early and backup your work regularly is the best advice.

Examination and SAC dates.

VCE classes will follow a timeline published early in each semester by the classroom teacher. This timeline will indicate the probable weeks that SACs and examinations will be held. Actual SAC dates will be announced to the class at least 2 weeks prior to the SAC. Students who are subsequently absent from a SAC will not be able to resit the SAC (and gain a score) unless approved by the Senior School Leaders or the Principal. Classroom teachers are not able to reschedule a SAC for a student without this approval. Generally a medical certificate or school-approved activity are the only circumstances in which student gain approval to reschedule a SAC.

Authentication

Students must submit work that is clearly their own. Students can have assessment tasks cancelled (scored zero) if it can be proven that any unacknowledged work submitted is not that of the student submitting it. All sources must be adequately quoted, namely; text, website and/or source material, name(s) and status of the person who provided the assistance and the type of assistance provided.

Getting the best out of your Senior School Years

Sporting Commitments

Senior School students need a balance between education and sport. Sport is an important physical outlet and for some, possibly a future career path but we recommend that if more than two evenings a week are being taken up by sport, homework and learning will be impacted upon.

Casual and part time work

While working a moderate number of casual or part time hours definitely has many advantages for young people, working for more than a total of 10 hours per week while studying at secondary school has been shown to decrease young peoples' VCE outcomes. (Department of Education, Employment and Workplace Relations, *Submission no. 53*, p. 16.). Parents need to be supportive of their Senior School students to keep at least 4 evenings free each week for study and homework.

Special Provision

Special provision can be applied for and provided for students. Provision can be made for classroom work, SAC completion and examination conditions. The Provision can range from rest breaks to medical consideration, to enlarged print and being allocated a reader or interpreter. The principle behind the granting of special provisions is one of fairness. Application should be made to your teacher and the Senior School staff as soon as you become aware of a circumstance which you feel may call for special provision. The earlier the better.

Senior Study Centre

This room is a privilege obtained through the hard work of past Grovedale College Community members. Year 12 students, whilst they treat it with due respect and care, use the Common Room for private study sessions (no food or drink is consumed at these times), and also at lunch and recesses as a social gathering place. The Year 12s are involved in decorating the room and in maintaining equipment and furniture.

Senior School – Year 10

The Year 10 program at Grovedale College is a transition from the Year 9 ‘River to The Coast’ program to the wider academic world of the Senior School. The Year 10 program offers students the opportunity to explore a range of disciplines prior to undertaking the Victorian Certificate of Education or the Victorian Certificate of Applied Learning in Years 11 and 12.

Students in Year 10 are able to tailor many of their subject choices to suit individual interests. The opportunities for choice which become available help the students to make an appropriate selection of subjects for the senior years.

The Year 10 Focus Group program explores a range of issues that are relevant to the daily lives of students. Topics such as setting personal goals, internet safety and safe driving are just some of the topics that are covered. Work Experience is a key feature of the Year 10 program and in addition to a week-long work placement; students complete Occupational Health and Safety modules, as well as investigating educational and career pathways.

Course Design

Students in Year 10 are encouraged to maintain a balanced curriculum and undertake studies from a range of Key Learning Areas. Students complete twelve (12) units (or subjects) in total, six (6) in Semester One and six (6) in Semester Two. All students do an English sequence of two (2) units, a Mathematics sequence of two (2) units and then choose the remaining eight (8) units from at least four (4) of the remaining five (5) Key Learning Areas.

If students choose LOTE units or Sports Academy, they must then choose the full two (2) unit sequence of these subjects and this will take up two preferences of the selection sheet.

If students are recommended and choose to accelerate into a VCE subject, this too, will be taken as a two (2) unit sequence and takes up two (2) preferences of the selection sheet.

Key Learning Area	Study Requirements
Language (English) - Compulsory	Two units – <u>FULL</u> year
Mathematics - Compulsory	Advanced or General Mathematics. Two units – <u>FULL</u> year
Science	
Humanities	
Arts	
Technology	
Health and Physical Education	
Students are not required to undertake LOTE – it is an elective subject.	
Language - LOTE	Where selected it must be taken as two units – <u>FULL</u> year
Students will have the opportunity to <u>apply</u> for the Year 10 Sports Academy – it is an elective and has selection criteria that students must meet.	
Sports Academy	Where selected it must be taken as two units – <u>FULL</u> year
Selected students will have the opportunity to apply for an Accelerated VCE Subject.	
VCE Subject	Where selected, it must be taken as two units – <u>FULL</u> year

Promotion Policy

To automatically be promoted from Year 9 into Year 10, a student must satisfactorily complete the requirements of Year 9. Students who are at risk of not meeting the above criteria will be identified prior to the end of second term. A final decision in regard to promotion of the students will be made at a meeting attended by the student, parents, Middle School personnel and an Assistant Principal.

Acceleration

Some students are invited to accelerate into a VCE subject as part of their Year 10 program. Those students who have been selected for acceleration have been identified by the Middle School as having demonstrated the academic ability and organisational skill that would allow them to succeed at a Year 11 level subject. All VCE subjects run for two semesters. Students would not normally accelerate in more than one subject.

Counselling for Students

It is important that students and their parents/guardians consider very carefully future education and career paths when selecting Year 10 subjects. Many tertiary courses have prerequisite subjects that must be completed to a prescribed standard in order to be considered for entry. Publications such as the 2015 VTAC Guide and VICTER 2017 (Victorian Tertiary Entrance Requirements 2017) can provide valuable information in making subject selections.

In addition, the College Careers Education Coordinator, Mr Paul Maguire, is available to discuss options with students. His office is located in the Library. During the September Course Counselling period, trained College Counsellors will meet with students and their parents/guardians to negotiate an appropriate course for 2015. This interview will also include teacher recommendations for Mathematics selections in 2015.

Students wishing to vary their courses from those agreed to in Course Counselling must speak with the Senior School Leader, Ms Ellis in the first instance.



Year 10 Subjects 2015

Mathematics - Compulsory

- Mathematics (Advanced)
or
- General Mathematics

Language - Compulsory

- English



Language – LOTE

- Italian – runs for full year (2 units)

Arts

- Visual Arts*
- Visual Communication and Design*
- Multimedia
- Performing Arts – Drama
- Performing Arts – Music Performance

Health & Physical Education

- Physical Education
- Child Development through Art and Play*
- Recreation*
- Sports Academy – runs for full year (2 units)*
- Health

Humanities

- Commerce
- American History
- Australian History
- Geography

Science

- Environmental Biology
- Physical and Chemical World
- Mind and Behaviour Science
- Sports Science

Technology

- Information Communication and Technology
- Systems Engineering*
- Design, Creativity and Technology – Wood*
- Food Technology – A World of Food*
- Food Technology – The Entertainer*
- Food Technology – Baker's Delight*

Please Note:

- Subjects marked with an asterisk have compulsory costs associated with them.
- Selected students may also choose a VCE subject (2 units)

VCE and VCAL Programs – Years 11 and 12

Grovedale College's philosophy is to provide equal access and opportunity for success to all students undertaking a VCE or VCAL program of study. The College aims to offer a broad range of subjects and to encourage students to strive for excellence within their studies. We aim to prepare students for post-school study, employment and participation in a global community. All Year 11 and 12 students are engaged in courses which lead to the Victorian Certificate of Education (VCE) or the Victorian Certificate of Applied Learning (VCAL) issued by the Victorian Curriculum and Assessment Authority (VCAA). In delivering both of these qualifications, the College is bound by VCAA regulations and these have to be more formally implemented than students may have experienced in earlier years.

VCE

The VCE is awarded on the basis of satisfactory completion of units according to VCE program requirements. Study for the VCE is normally completed over two years, but students may accumulate units over any number of years.

The minimum requirement for the award of the Victorian Certificate of Education and receiving an ATAR Score is satisfactory completion of 16 units (NB. Units 1 & 2 = Year 11; Units 3 & 4 = Year 12) which must include:

- Three units from the English group successfully completed, which must include Units 3 and 4 English.
- At least another three sequences of Unit 3 and 4 studies (other than English) successfully completed.

Course Design

At Grovedale College, students in Year 12 must undertake 10 units consisting of 5 units in Semester 1 and 5 units in Semester 2. Unit 3 and 4 studies must be taken as a sequence. The only compulsory units in Year 12 are Units 3 and 4 English. Mathematics is recommended.

This includes students who have completed year 12 subjects in previous years.

VCAL

The Victorian Certificate of Applied Learning (VCAL) is a 'hands on' option for students in Years 11 and 12.

Like the VCE, the VCAL is a recognised senior qualification. Unlike the VCE, which is widely used by students as a pathway to university, the VCAL focuses on "applied learning". Students who do the VCAL are more likely to be interested in going on to training at TAFE, doing an apprenticeship, or getting a trade after completing Year 12.

The VCAL's flexibility enables students to design a study program that suits their interests and learning needs.

Course Design

Students select accredited VCE and Vocational Education and Training (VET) modules and units from the following four compulsory strands:

- Literacy and Numeracy skills
- Work Related skills
- Industry Specific skills
- Personal Development skills

Year 12 VCAL students at Grovedale College complete three VCE subjects – VCE English and two other subjects of their choosing. In addition, VCAL students spend each Thursday at structured workplace learning placements, gaining valuable experience in a range of different industries.

It is important to note that all VCAL students must satisfactorily complete a VETiS (Vocational Education and Training in schools) subject or a School Based Apprenticeship or Traineeship (SBAT) in order to gain the VCAL qualification. VET subjects are offered through a range of providers across Geelong and are conducted on Wednesday afternoons, during Year 11 and 12 Enrichment.

Students who start their VCAL and then decide they would like to complete their VCE, are able to transfer between certificates. Any VCE studies successfully completed as part of the VCAL program will count towards the VCE.

Counselling for Students

It is important that students and their parents/guardians consider very carefully, future education and career paths when selecting Year 11 and 12 subjects. Many tertiary courses have prerequisite subjects that must be completed to a prescribed standard in order to be considered for entry. Publications such as the 2015 VTAC Guide and VICTER 2017 (Victorian Tertiary Entrance Requirements 2017) can provide valuable information in making subject selections.

In addition, the College Careers Education Coordinator, Mr Paul Maguire, is available to discuss options with students. His office is located in the Senior Study Centre. During your Course Counselling interview in early September; trained College councillors will meet with students and their parents/guardians to negotiate an appropriate course for 2015.

Students wishing to vary their courses from those agreed to in Course Counselling must speak with the Sub School Leader, Ms Ellis in the first instance.

Promotion Policy

To automatically proceed into Year 11, a student must pass at least 10 units, of which one must be English and one must be Mathematics. This policy is based on the premise that a student needs to be successful at Year 10 in order to have a realistic chance of success with the VCE or VCAL.

Students who are at risk of not being automatically promoted into Year 11 will be identified throughout the school year and formal meetings will be held with parents/guardians if necessary following Semester One reports. At this point a range of strategies may be put into place to support the student, including redemption, late completion of work requirements and work agreements. A final decision in regard to promotion of the students will be made at the end of the year, at a meeting attended by the student, parents/guardians, Senior School staff and an Assistant Principal.

When a student has not been successful in the required 10 units, their course will need to be reviewed, taking into account those units in which the student was not successful, and the program that the student has selected in Year 11. The College timetable is structured to allow students to undertake a combined Year 10 and 11 course of study.

It is important to note that students should not undertake Year 11 units where they have not successfully completed a related Year 10 subject. For example, a student who has not been successful in a Year 10 Science should not undertake Biology, Chemistry or Physics.

Acceleration within the VCE

The term "acceleration" is used, in this context, when a student takes a VCE study that would normally be taken at a later year level. A number of students, for instance, take Units 1 and 2 in a selected subject as part of their Year 10 course, or take a Unit 3 and 4 study whilst in Year 11. For students who take a Unit 3 and 4 study when in Year 11, there are a number of benefits to be gained, these include:

- The opportunity to experience the Year 12 assessment program in a much less intensive form; students are therefore better trained to cope with assessment at Year 12.
- The additional study undertaken contributes to the ATAR score.
- The broadening of a student's Year 12 course, and, by implication, an increased range of prerequisite subjects for tertiary entrance.

It should be emphasised that acceleration is not appropriate for all students. There is a risk that too high a proportion of a student's energy is devoted to one study, to the detriment of other Year 11 studies being undertaken. The decision as to whether a student can proceed with an acceleration study depends upon an assessment of the likelihood of that student's capacity to succeed in the study, as well as the availability of places in classes and timetabling constraints. Acceleration does not preclude doing a full allotment of subjects at Year 11 (12 units) and Year 12 (10 units). Students will not be allowed to "drop" subjects .

The student will need to have demonstrated:

- a high ability and interest in the subject area.
- a mature approach to his/her work.
- good work habits, including self-discipline.
- excellent organisational and time-management skills.
- a commitment to completing a full allotment of subjects in year 11 and 12.

What is Vocational Education and Training in Schools (VETiS)?

Students can choose a VETiS subject just as they would choose another VCE subject. Usually VETiS subjects count as four units of the VCE (Units 1, 2, 3 and 4) and if a scored assessment is available, this counts towards the student's ATAR in the same way as a VCE subject. If a scored assessment is not available, students receive a 10% increment on their VCE score. Some VETiS subjects are taught within the College but many are off-site (for example, at the Gordon TAFE).

Benefits of choosing a VETiS in schools subject

- VETiS in VCE gives a nationally recognised qualification (eg. Certificate III in Music Industry Skills) and students can continue their qualifications anywhere in Australia.
- Most full apprenticeships (traineeships) are at Certificate IV level and students completing VETiS have usually completed a third of this.
- Students can receive their VCE and their VETiS qualification.
- Work Placement gives students an opportunity to be 'job ready'.
- Employers are seeking out VETiS students to take up fulltime traineeships and apprenticeships.
- After Year 12 VETiS students have the choice of continuing their course full-time, entering other tertiary studies or taking up employment.
- Students have the opportunity to attend their VETiS classes with students from all schools in the Geelong region.

Who can do a VETiS subject?

Only Year 11 and 12 students can undertake a VETiS subject but it is strongly recommended that students begin at Year 11 in order to complete all units and to fit within the VCE/VCAL curriculum.

Students and parents wishing to learn more about VETiS in VCE programs should make an appointment to meet with Mr Paul Maguire (Careers and Work Education Coordinator).

Things to take into account when considering VETiS studies

- Only the College can tell you if a particular VETiS course is VCE accredited.
- VETiS is usually a two year program.
- A considerable additional course fee on top of school fees will be charged.
- This fee will be dependent upon the selected course and is arranged through the Registered Training Organisation (RTO).
- The RTO may require you to purchase additional items, such as uniforms, equipment or books.
- Attendance at the off-site RTOs must be on Wednesday afternoons.
- Where a work placement is mandated within a VETiS program, students will often undertake placement during their term holidays (generally 10 days per year).
- Some courses offered by RTOs are not VCE accredited and the College must be consulted before any enrolment is considered.

What is a School Based Apprenticeship or Traineeship (SBAT)?

These are similar to VETiS programs; however the student works one day with an employer in paid employment while undertaking VETiS studies and workplace training.

Grovedale College endeavours to provide the opportunity of accessing the widest possible range of options in order to cater for the needs of all students in our community. Students and parents wishing to learn more about School Based Apprenticeships and Traineeships should make an appointment to meet with Mr Paul Maguire (Careers and Work Education Coordinator).

VET in Schools Certificates available at the Gordon TAFE in 2015

Each of these certificates, if completed successfully, can contribute to VCAL certificate units or VCE units or in some cases, incremental ATAR contribution or (in the case of a scored VET) a full ATAR contribution. You will need to speak with Mr. Maguire to determine the contribution of a particular course to your VCE or VCAL.

Automotive

- Certificate II in Automotive Studies (Pre-vocational)
- Certificate II in Automotive Studies (Pre-vocational)(Panel and Paint)

Building, Construction and Engineering

- Occupational Health and Safety Requirements in Workshops
- Certificate II in Building & Construction (Bricklaying Pre-apprenticeship)
- Certificate II in Building & Construction (Carpentry Pre-apprenticeship)
- Certificate II in Building & Construction (Painting and Decorating Pre-apprenticeship)
- Certificate II in Building & Construction (Wall and Ceiling Lining Pre-apprenticeship)
- Certificate II in Electrotechnology Studies (Pre-vocational)
- Certificate II in Engineering Studies (Fabrication)
- Certificate II in Engineering Studies (Mechanical)
- Certificate II in Furniture Making
- Certificate II in Plumbing (Pre-vocational)

Community Services and Health

- Certificate II in Animal Studies
- Certificate III in Children's Services
- Certificate II in Community Services Work
- Certificate III in Health Services Assistance (Remedial Massage and Alternative Therapies)
- Certificate III in Nutrition and Dietetic Assistance

Creative and Design

- Certificate II in applied Fashion Design and Technology
- Certificate II in Media (Interactive Digital Media)
- Certificate II in Millinery
- Certificate II in Printing and Graphic Arts (Desktop Publishing)
- Certificate II in Visual Arts and Contemporary Craft (Visual Art)

Events and Hospitality

- Certificate III in Events
- Certificate II in Hospitality (Kitchen Operations)
- Certificate II in Hospitality (Operations)

Hair and Beauty

- Certificate III in Beauty Services
- Certificate II in Hairdressing
- Certificate II in Make-up Services
- Certificate II in Modelling
- Certificate II in Nail Technology

Information Technology

- Certificate III in Information Technology
- VCE VET CISCO Programs

Sport and Recreation

- Certificate III in Fitness

VET in Schools Programs Application Process

NB: Applications for 2015 programs close 8th September 2014. There are three basic steps in the application process for VET in Schools Programs.

Step 1: Contact Mr. Maguire who will assist you with planning for your VCE or VCAL certificate and will advise you where a VET in Schools Program fits within this plan. They will also give you information about travel arrangements and any costs associated with VET in Schools Programs.

Step 2: Complete the VET in Schools Programs Application form ensuring that all areas of the form are completed and all signatures are obtained prior to submitting this for to Mr. Maguire for processing.

Step 3: By early November you will be advised whether your application has been successful. If your application is unsuccessful you should contact Mr. Maguire immediately to discuss your options. All fees are by a direct payment to the Gordon beginning in February 2015. Students who travel via school bus (one way only) must arrange this through Mr. Maguire.

VCE Studies 2015

Outlined below are the VCE units to be offered at the College in 2015.

All students are required to undertake English.

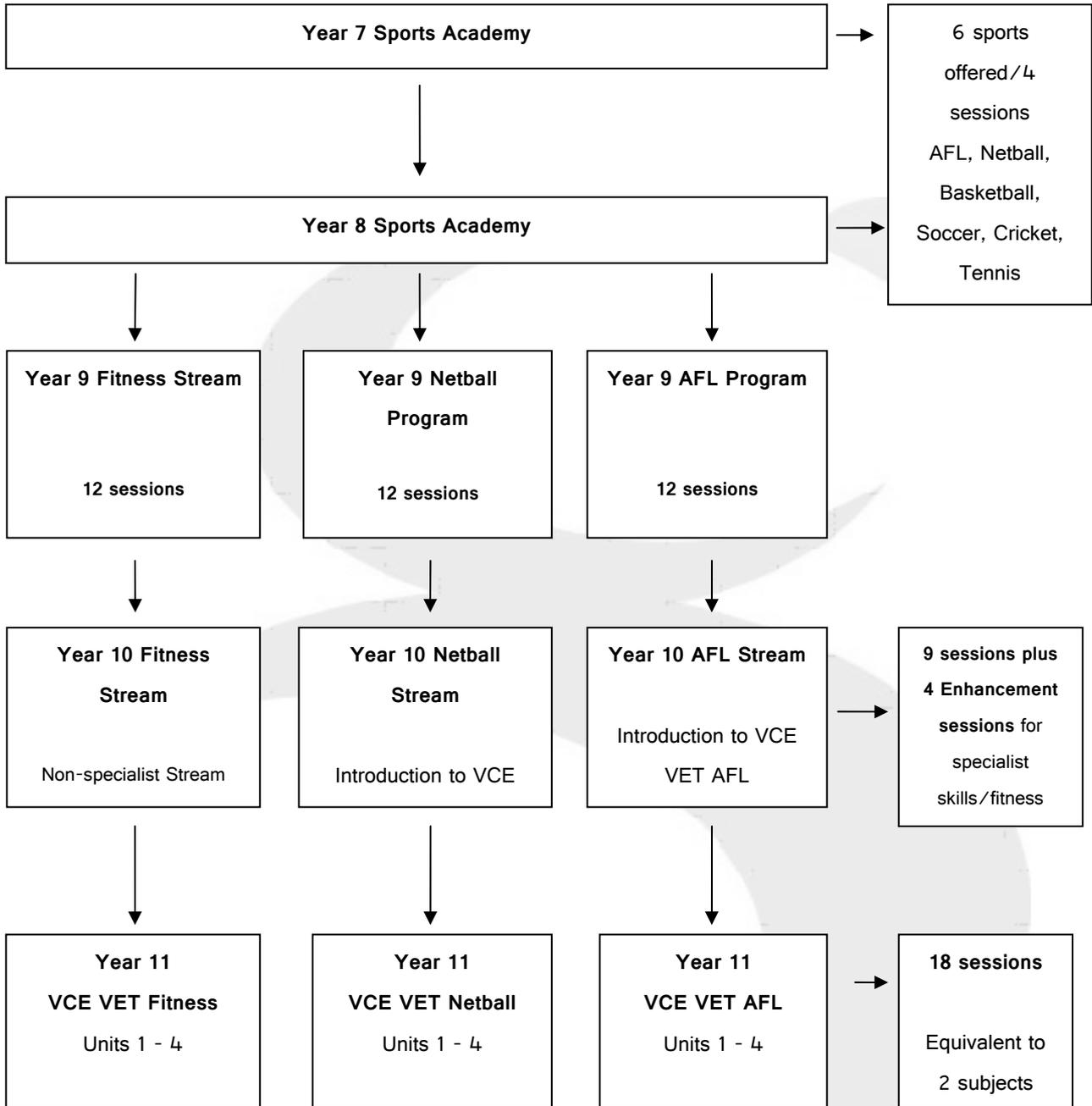
- Agriculture/Horticulture
- Biology*
- Business Management
- Chemistry*
- Drama
- English
- Food & Technology*
- Foundation Maths 1 & 2 only
- Further Maths 3 & 4 only
- General Maths 1 & 2 only
- Health & Human Development
- History
- Information Technology Software Development 3 & 4 only
- Legal Studies
- Literature 1 & 2 only
- LOTE - Italian 1 & 2 only
- LOTE - Japanese 3 & 4 only
- Maths Methods
- Media Studies
- Music Performance
- Music (VET)
- Outdoor Education & Environmental Studies*
- Physical Education
- Physics
- Psychology
- Product Design and Technology (Wood)
- Specialist Maths 3 & 4 only
- Sports Academy 1, 2, 3 & 4 (*Sport and Recreation Certificate III completed in Year 11*)*
- Studio Arts *
- Systems Engineering*
- Visual Communication and Design*
- VCAL Work Related Skills
- VCAL Personal Development

Please note, subjects marked with an asterisk have compulsory costs associated with them. Students with outstanding charges from 2014 will not be able to select these subjects until all payments are made. Subject charges are based on 2014 costs, these may change in 2015.

University subjects are available for students who need and are eligible for extension.

Whether a subject operates in 2015 will depend on student numbers and available pathways.

Sports Academy & Specialist AFL/Netball Program



Sports Academy Program Summary

Year Level	Features
7&8	<ol style="list-style-type: none"> 1. 4 sessions/fortnight 2. 6 sports offered-AFL, Netball, Cricket, Soccer, Basketball, Tennis 3. Specialist coaching & training, guest speakers, excursions
9	<ol style="list-style-type: none"> 4. 3 streams offered-AFL, Netball, Fitness 5. 12 sessions/fortnight <ul style="list-style-type: none"> • Equivalent to 1 day/week of specialist coaching, fitness sessions & skills analysis • Use of the College Fitness Centre • Excursions, guest speakers
10	<ol style="list-style-type: none"> 1. 3 streams offered-AFL, Netball, Fitness 2. Introduction to VCE VET Units 1-4 3. 13 sessions/fortnight 4. Specialist coaching, training & fitness sessions. 5. Activity analysis sessions to enhance strategies & tactics 6. Use of the College Fitness Centre 7. Darwin Community Camp
11	<ol style="list-style-type: none"> 1. 3 streams offered- AFL, Netball, Fitness 2. Completion of VCE VET Units 1-4 3. 18 sessions/fortnight 4. Awarded Certificate III in Sport & Recreation 5. Use of the College Fitness Centre 6. Specialist coaching, training & fitness sessions
Overall	<ol style="list-style-type: none"> 1. Pathway from Year 9-11 2. Significant time for specialist coaching & training 3. Formal monitoring process of academic progress 4. Access to high level specialist coaches 5. Fitness centre access during school time 6. Non-AFL & Netball students catered for in Fitness stream.

Year 10 Section Course Outlines





YEAR 10 - ARTS : PERFORMING ARTS – DRAMA

KLA	Arts
Unit Name	Drama
Duration	One semester

DESCRIPTION

The primary focus of this unit is to create an ensemble performance. This performance will provide opportunities for students to experience many roles within the Performing Arts, both in presentation and the technical elements. Students will participate in activities that assist them to analyse and evaluate performance and appreciate the role of theatre throughout history and in contemporary society.

COURSE OUTLINE

- ▶ **Improvisation**
Students will participate in workshops that encourage the understanding of improvisation.
- ▶ **Stage Craft**
Understanding of the elements required to stage a play. This includes the understanding of stage directions, sets and props, lighting, costumes and sound. Various occupations in the theatre industry will be explored.
- ▶ **Ensemble Piece**
The class will create and perform a play to be presented as part of a performance evening.
- ▶ **Character Analysis**
Students will complete a written analysis of their character from the class play.
- ▶ **Review**
Students will watch, analyse and evaluate performances.

ASSESSMENT TASKS

1. Folio of Activities 15%
2. Ensemble Performance 30%
3. Performance Review 15%
4. Examination 40%

SPECIAL ARRANGEMENTS/EQUIPMENT

An evening performance for family and friends is a commitment of this subject.

SUBJECT CHARGES

\$20.00 – Costs arising from performance and attendance at workshops.

OTHER COSTS

Nil



YEAR 10 - ARTS : MEDIA STUDIES - MULTIMEDIA

KLA	Arts
Unit Name	Media Studies - Multimedia
Duration	One semester

DESCRIPTION

Students will be given the opportunity to work in the areas of video, animation, print and photography. Through a program of theory and practical activities, students will explore the creative and visual design process of a range of media. Students will explore a film genre and analyse two films. Students will have the opportunity to create short films and explore digital image creation and manipulation. Processes such as camera operational techniques and video editing will also be involved throughout the course. Students will also examine the impact of the media on a range of pertinent social issues.

COURSE OUTLINE

- ▶ **Film Analysis**
Students will explore the horror film genre, and will complete an analysis of two films and the codes and conventions in these films.
- ▶ **Short Film Project**
Students will work together in small groups to plan, produce and edit a short horror film. Students will learn about specialist production roles and will take on jobs such as director, script writer or editor.
- ▶ **Print and Photography**
Students will work together in small groups to plan and produce a magazine. Students will use their own photography for their magazine, so they will have the opportunity to develop their camera skills and Photoshop skills.

ASSESSMENT TASKS

1. Exploring and Responding Media Analysis
2. Creating and Making Group Film Production
3. Creating and Making Print Production
4. Examination

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - ARTS : PERFORMING ARTS – MUSIC PERFORMANCE

KLA	Arts
Unit Name	Performing Arts – Music Performance
Duration	One semester

DESCRIPTION

The Year 10 Music course involves students in a variety of activities including listening, performing and composing. This unit is based on Music Performance (both solo and group), and learning about the music language. Students will need to be able to play a musical instrument or sing, or be willing to learn an instrument throughout this unit. Students will study all aspects of putting together a performance program, ranging from song-writing, arranging music, theory, aural training, becoming familiar with sound equipment (PA Operation) and rehearsal techniques.

COURSE OUTLINE

▸ Performance

Students will participate in solo and group activities designed to improve their skills on an instrument or singing. Students will perform both individual and group pieces on their selected instrument.

▸ Composition

Students will participate in composing activities, and compose a creative work in a chosen musical style.

▸ Aural

Students will develop basic Music theory and aural training skills throughout this unit.

▸ Research Project

Song Analysis.

ASSESSMENT TASKS

- | | |
|----------------------------------|-----|
| 1. Performance Tasks | 45% |
| 2. Composition and Improvisation | 10% |
| 3. Research Project & Folio | 5% |
| 4. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students will need to be able to play a musical instrument or sing, or be willing to learn an instrument throughout this unit. It is **strongly advised** that students considering this subject have lessons on a regular basis with a specialist instrumental/voice teacher.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 – ARTS : VISUAL ARTS

KLA	Arts
Unit Name	Visual Arts
Duration	One semester

DESCRIPTION

In Visual Arts, students will develop their creativity through a series of set tasks.

Visual Art has two major focus outcomes – Folio and Appreciation in which students will develop their intellectual, imaginative and expressive potential. They will develop skills, techniques and knowledge specific to a variety of media and develop critical analysis and an understanding of how the Arts contributes to social, cultural and historic contexts.

COURSE OUTLINE

The Year 10 Visual Arts course is based on study of 20th Century Art Movements. As part of the Creating and Marking component, students will:-

- ▶ Use a variety of materials and techniques relevant to selected art styles to complete finished artworks. This may include painting, drawing, photography, printmaking and ceramics.
- ▶ Gain an understanding of the design process through extended use of the Development Folio.
- ▶ Explore the use of Art Elements when creating visual solutions to set tasks.

As part of the Exploring and Responding component, students will:-

- ▶ Develop an understanding and appreciation of the major art movements of the 20th Century.
- ▶ Develop an understanding of the historical and cultural context in which artworks are made.
- ▶ Identify and discuss the formal qualities of artworks (Elements, Principles, Materials and Techniques)

ASSESSMENT TASKS

1. Developmental Folio
2. Creating and Making
3. Exploring and Responding
4. Examination

SUBJECT CHARGES

\$30.00

OTHER COSTS

Nil



YEAR 10 - ARTS : VISUAL COMMUNICATION DESIGN

KLA	Arts
Unit Name	Visual Communication Design
Duration	One semester

DESCRIPTION

This elective program involves further extension and reinforcement of existing creative, instrumental and theoretical Visual Communication Design skills through a series of exercises. Students will undertake tasks aimed at a variety of intended audiences and for a number of purposes.

COURSE OUTLINE

- ▶ Use the Elements and Principles of Design to develop creative solutions to set tasks using media such as:
 - Greylead and colour pencils.
 - Markers.
 - Gouache Paint.
 - Computer generated imagery.
- ▶ Develop a range of rendering techniques to accurately represent a variety of surface textures.
- ▶ Develop instrumental drawing skills to produce isometric, planometric and orthogonal diagrams.
- ▶ Further explore formal one and two point perspective.
- ▶ Develop a design brief and folio of work for a negotiated client.
- ▶ Develop competence in identifying, analysing and interpreting visual communication.

ASSESSMENT TASKS

1. Developmental Folio
2. Creating and Making
3. Exploring and Responding
4. Examination

SUBJECT CHARGES

\$10.00

OTHER COSTS

Nil



YEAR 10 - HAPE : CHILD DEVELOPMENT THROUGH ART AND PLAY

KLA	Health & Physical Education
Unit Name	Child Development through Art and Play
Duration	One semester

DESCRIPTION

To provide students with the opportunity to learn about growth and development from conception to late childhood.

COURSE OUTLINE

The course centres on the early part of the lifespan dealing with conception to late childhood – looking at the physical – gross and fine motor skills, social, language and cognitive development in children.

The following topics are covered:

- Conception.
- Development from conception to late childhood.
- Families and Parenting.
- Birth and care of a newborn.
- Importance of nutrition for optimal growth and development.
- Importance of play for the development of children.
- Child safety.

ASSESSMENT TASKS

- | | |
|------------------------------|-----|
| 1. Pregnancy Research Task | 20% |
| 2. Developmental Stages Task | 20% |
| 3. Child Safety Task | 20% |
| 4. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

There is an opportunity for students to participate in a 'Simulator Baby' exercise for a weekend.

SUBJECT CHARGES

\$15.00

OTHER COSTS

Nil



YEAR 10 - HAPE : HEALTH

KLA	Health & Physical Education
Unit Name	Health Education
Duration	One semester

DESCRIPTION

Year 10 Health focuses on issues affecting youth and strategies to improve the health status of youth. Students will have the opportunity to explore one such issue in detail. Nutrients, their functions and food sources will also be explored, as well as nutritional requirements across the lifespan. Issues impacting the Developing World will also be studied, along with health and development across the lifespan. This Health Education course will provide students with the opportunity to develop skills and knowledge required for VCE Health and Human Development. It will also be relevant to those students wanting to pursue a career in health care, or one that deals closely with people.

COURSE OUTLINE

Health Promotion

Investigation of current health issues affecting youth that are explored through health promotion initiatives and reflection on the determinants of health. Topics will include mental health, drugs and sexual health.

Nutrition

Functions and food sources of essential nutrients and requirements across the lifespan.

Global Health

Exploration of issues impacting on the developing world.

Health and Development-across the lifespan.

ASSESSMENT TASKS

- | | |
|---|-----|
| 1. Research Assignment (Youth health) | 20% |
| 2. Multimedia presentation (Global health). | 20% |
| 3. Test (Health & Development) | 20% |
| 4. Examination | 40% |

Students completing this course will have a greater foundation of knowledge and skills, to increase their likelihood of success in VCE Health and Human Development.

SUBJECT CHARGES

\$10.00

OTHER COSTS

Nil



YEAR 10 - HAPE : PHYSICAL EDUCATION

KLA	Health & Physical Education
Unit Name	Physical Education
Duration	One semester

DESCRIPTION

This unit covers topics to assist students prepare for VCE Physical Education. Topics include Physical Fitness, Skill Acquisition, Biomechanics and Body Systems. A range of practical activities are undertaken to reinforce all theory.

ASSESSMENT TASKS

1. Musculoskeletal System tests and tasks 20%
2. Biomechanical Skills Analysis 20%
3. Peer Teach practical task 20%
4. Examination. 40%

SPECIAL ARRANGEMENTS/EQUIPMENT

A change of clothing is required for all practical classes.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - HAPE : RECREATION & OUTDOOR EDUCATION STUDIES

KLA	Health & Physical Education
Unit Name	Recreation and Outdoor Education Studies
Duration	One semester

DESCRIPTION

- ▶ To engage students in a wide range of sporting and recreation activities with the focus on enjoyment and improving personal health and fitness.
- ▶ To develop a positive attitude towards a healthy, active lifestyle.
- ▶ To provide students with a wide range of options for effective and safe use of leisure time.

Practical activities will be selected from the following list:

Aerobics	Jogging	Rock Climbing	Table Tennis
Badminton	Lawn Bowling	Roller Hockey	Ten Pin Bowling
Boxing	Mini Golf	Self Defence	Tennis
Golf	Orienteering	Squash	Volleyball
Indoor Soccer	Racquetball	Swimming	Yoga

ASSESSMENT TASKS

- | | |
|-------------------------------|-----|
| 1. Impacts on the environment | 20% |
| 2. Environment Research Task | 20% |
| 3. Physical activity Survey | 20% |
| 4. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

This course will incur a cost to cover the hire of buses, specialist equipment and the utilisation of outside agencies.

Assessment

- ▶ Practical – minimum 90% participation.
- ▶ Theory – Completion of unit tests, worksheets, reports and projects.
Demonstrating an understanding of safety, rules and strategies related to each activity.

SUBJECT CHARGES

\$130.00

OTHER COSTS

Nil



YEAR 10 - HAPE : SPORTS ACADEMY

KLA	Health and Physical Education
Unit Name	Sports Academy
Duration	Full Year

DESCRIPTION

- ▶ 3 streams offered-AFL, Netball, Fitness.
- ▶ Students complete units of work to prepare them for both the VCE VET Sport and Recreation stream or the VCE Physical Education stream.
- ▶ 13 sessions/fortnight.
- ▶ AFL/Netball streams will receive specialist coaching and training as well as activity analysis sessions to enhance strategies and tactics.
- ▶ The Fitness stream will focus on developing skills in instruction of personal fitness training, catering for students with non AFL/Netball backgrounds. Sessions will be taken by qualified personal trainers.
- ▶ Various excursions to elite sporting clubs and facilities.
- ▶ Topics include:- Fitness Components, Body Systems, Energy Systems, Sports Injuries, Training Principles and Methods.

DARWIN COMMUNITY CAMP

The Darwin Community Camp aims to heighten students understanding of indigenous communities in Australia. The camp also provides an invaluable learning experience from both a sporting and personal development perspective. Students conduct sporting clinics in local primary schools and work with the AFLNT in conducting a Healthy Lifestyles Carnival in a remote aboriginal community.

ASSESSMENT TASKS

Semester One

1. Sports Injuries Report
2. Musculoskeletal Test
3. Leadership Analysis Report
4. Examination.

Semester Two

1. Leadership Analysis Report
2. Training Program Analysis
3. Training Program Design
4. Examination.

SPECIAL ARRANGEMENTS

Students will undergo a selection process in order to participate in this program. This process will involve students satisfying all selection criteria and may involve completing a selection interview with Academy Staff. Students must demonstrate high levels of achievement in the following:

- ▶ Physical Performance
- ▶ Personal Attributes
- ▶ Academic Progress
- ▶ Leadership

Position in the Academy is subject to review at any time based on behaviour, attitude and effort.

SUBJECT CHARGES

Approximately \$300.00

OTHER COSTS

Darwin Community Camp – Approximately \$1600.



YEAR 10 - HUMANITIES: AMERICAN HISTORY

KLA	Humanities
Unit Name	American History
Duration	One semester

DESCRIPTION

American History will focus on the development of essential research and analytical skills, while providing the key knowledge, skills and work attitudes required for a successful VCE in all areas, particularly History, English and Legal Studies. In developing an understanding of their past and a broad general knowledge, students will gain an awareness of their options for their future.

The development of independent research and the construction of an opinion is emphasised.

COURSE OUTLINE

Slavery, War and the Fight for Freedom! American History contains many exciting events that contributed to the development of this World Superpower. In studying topics such as the American Indians, slavery and the Civil Rights movement of the 1960s, students develop their research and analytical skills. The unit commences with the Declaration of Independence and students use this to make judgements about the United States' claims and its actions.

Whilst studying American History, students will develop core skills for VCE through researching and exploration of both ICT and literary sources.

Much of today's entertainment is American. Students will evaluate popular cultures (film and TV) presentation of American History against primary and secondary documents and resources. Use of the Internet as a research tool is a key feature.

ASSESSMENT TASKS

- | | |
|--------------------|-----|
| 1. Research Report | 20% |
| 2. Document Study | 20% |
| 3. Essay | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - HUMANITIES: AUSTRALIAN HISTORY

KLA	Humanities
Unit Name	Australian History
Duration	One semester

DESCRIPTION

Australian History concentrates on the development of Australia through the 20th century. From the end of WW1 to the Vietnam War and conscription, this subject examines Australia in a number of different eras, looking at the following topics: the Great Depression and 1920s society, Australia in World War 2, the post-war immigration boom, the Stolen Generations and the fight for Indigenous rights, conscription and Australia's involvement in the Vietnam War.

COURSE OUTLINE

Australia through the Depression 1915 - 1938

The brief prosperity of the 1920s is set against the Great Depression and the struggles that soldiers returning from WW1 faced at home. 1920s society, including the 'razor gang wars' in Sydney are also examined.

World War II: Australia's involvement 1938 - 1946

An introduction to the war in Europe, and a close examination of the war fought in the Pacific. Australian troops fighting in Kokoda and the effects of the war will be discussed in this section.

The Changing face of Australia 1946 - 1980

The impact of post war immigration is examined, as are the Stolen Generations and the fight for Indigenous rights which took place during this time. The lasting effects of these events in modern society will be discussed. The controversial issue of conscription and Australian protest against the Vietnam War will be examined.

ASSESSMENT TASKS

- | | |
|-------------------------|-----|
| 1. Document Study | 20% |
| 2. Research assignment | 20% |
| 3. Historical portfolio | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Excursions - approximately \$15.00



YEAR 10 - HUMANITIES: COMMERCE

KLA	Humanities
Unit Name	Commerce
Duration	One semester

DESCRIPTION

Commerce will focus on the development of skills in interpretation and analysis while providing the key knowledge, skills, and work attitudes required for a successful VCE in all areas, particularly Legal Studies, Business Management, Accounting and Politics.

COURSE OUTLINE

The Legal System

Students will examine the basis of law, who makes the laws, and the bodies that enforce and operate the law, particularly the courts and the prison system.

Commerce

Students will examine the role, function and characteristics of money. They will see the operation of Profit and Loss Statements, Balance of Payments and the Australian Share Market.

Government and the Political System

Students will undertake a study of the Australian system of government.

ASSESSMENT TASKS

- | | |
|-----------------------------|-----|
| 1. Economics test | 20% |
| 2. Business Management test | 20% |
| 3. Government and Law test | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - HUMANITIES: GEOGRAPHY

KLA	Humanities
Unit Name	Geography
Duration	One semester

DESCRIPTION

Geography will focus on the development of essential research and analytical skills, while providing the links to key knowledge, skills and work attitudes required for a successful VCE in all areas, particularly History, Legal Studies and Politics. In developing an understanding of their world and a broad general knowledge, students will gain an awareness of their options for their future.

The development of independent research and the construction of an opinion is emphasised.

COURSE OUTLINE

- ▶ The changing face of Geelong.
- ▶ World 'Hot Spots' and the rise of terrorism.
- ▶ General world knowledge with regard to mapping and population.
- ▶ A topic negotiated from student interest

ASSESSMENT TASKS

- | | |
|-----------------------|-----|
| 1. Analysis exercises | 20% |
| 2. Research reports | 20% |
| 3. Field trips | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Excursion costs as required.



YEAR 10 - LANGUAGE: ENGLISH

KLA	Language
Unit Name	English
Duration	Full Year

DESCRIPTION

This study focuses on learning activities designed to improve the students' reading, writing, listening and speaking skills. It focuses on the students' understanding of a variety of texts including novels, films, poetry, short stories and newspapers. It will explore the way people use language to communicate their experiences and how language is used to persuade others.

Students will respond in a variety of writing styles, as well as orally, through activities such as public speaking, discussion and debating.

ASSESSMENT TASKS

- | | |
|----------------------|-----|
| 1. Text Response. | 20% |
| 2. Language Analysis | 20% |
| 3. Expository Essay | 20% |
| 4. Examination. | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

\$10 – 'Stones' performance



YEAR 10 - LOTE: ITALIAN

KLA	Languages Other Than English (LOTE)
Unit Name	Italian
Duration	Full Year

DESCRIPTION

This is a pre-VCE Italian course which follows a Vocational Education and Training in Schools (VETis) program focused on communication in the workplace. Students learn how to communicate effectively in formal and informal situations. Assessment is by the completion units of competency. Students who have previously completed the year 9 VET course will become eligible for the Certificate II of Applied Language (Italian) upon finishing this year 10 course.

ASSESSMENT TASKS

1. Unit VU20601 'Conduct basic workplace oral communication'
2. Unit VU20603 'Read and write basic workplace documents'

SPECIAL ARRANGEMENTS/EQUIPMENT

- ▾ none

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - MATHEMATICS: ADVANCED MATHEMATICS

KLA	Mathematics
Unit Name	Year 10A Mathematics
Duration	Full Year

DESCRIPTION

This course is designed for students who may wish to form a major part of their future studies within VCE Mathematics; including Mathematics Methods and Further Mathematics.

COURSE OUTLINE

This course provides a solid foundation in concrete and particularly abstract processes of Mathematics.

Topics Included:

- **Number and Algebra**
Solving and graphing linear and rational and irrational numbers.
- **Measurement and Geometry**
Using units of measurement, geometric reasoning, sine and cosine rules, Pythagoras in 2D and 3D and trigonometric equations and applications to everyday situations.
- **Statistics and Probability**
Chance, standard deviation and bivariate data

Successful completion will involve full participation and completion of all classroom activities by the students. These activities include skills and practice activities, problem solving tasks and projects, regular homework and topic tests.

ASSESSMENT TASKS

- | | |
|-----------------|-----|
| 1. Topic Tests. | 40% |
| 2. Projects. | 20% |
| 3. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students will need (at least) a Scientific Calculator.

Please note that in VCE Maths (except Foundation) the VCAA requires students to use a "TI nspire" CAS calculator is required (this is more expensive but it has both scientific AND graphic functionality). Students are encouraged to consider purchasing this in Year 10 to allow them to practice and be competent by Year 11.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 – MATHEMATICS: GENERAL MATHEMATICS

KLA	Mathematics
Unit Name	Year 10 Mathematics
Duration	Full Year

DESCRIPTION

This course is designed for students who plan to continue in Foundation Mathematics or General Mathematics. Students considering studying VCE Mathematical Methods should consider the Advanced Mathematics course in Year 10.

COURSE OUTLINE

This course provides a solid foundation in concrete and abstract processes of Mathematics.

Topics included

- ▶ **Number and Algebra**
Money and financial mathematics, linear and simultaneous equations, solving simple quadratic equations
- ▶ **Measurement and Geometry**
Using units of measurement, Geometric reasoning, Pythagoras and applications of trigonometric ratios
- ▶ **Statistics and Probability**
Chance, boxplots and data-time graphs

Successful completion will involve full participation and completion of all classroom activities by the students. These activities include skills and practice activities, problem solving tasks and projects, regular homework and topic tests.

ASSESSMENT TASKS

1. Topic Tests 40%
2. Projects 20%
3. Examination 40%

SPECIAL ARRANGEMENTS/EQUIPMENT

Students will need (at least) a Scientific Calculator.

Please note that in VCE Maths (except Foundation) the VCAA requires students to use a “TIInspire” CAS calculator is required (this is more expensive but it has both scientific AND graphic functionality). This may need to be considered for Year 10 purchases.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - SCIENCE : ENVIRONMENTAL BIOLOGY

KLA	Science
Unit Name	Science – Environmental Biology
Duration	One semester

DESCRIPTION

If you are interested in careers like Physiotherapy, Medicine or Nursing, working with ecosystems and the environment, working with animals, or you are fascinated by all things in Biology - this maybe the subject for you!

This course focuses on the world of living things, from organisms as small as bacteria, to animals as large as elephants. We will investigate why there are many different species in our world and why some are so different and others are so similar. We will study how both plant and animal cells obtain energy and nutrients. We explore the role of DNA and genes in determining patterns of inheritance.

Laboratory investigations and trials will be conducted, emphasising the importance of good research. This will equip students with the necessary skills to scientifically question and undertake their own scientific research in a more meaningful way.

ASSESSMENT TASKS

- | | |
|-----------------------------|-----|
| 1. Practical Investigations | 20% |
| 2. Media Analysis | 20% |
| 3. Tests | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - SCIENCE : MIND AND BEHAVIOUR

KLA	Science
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Unit Name	Science - Mind and Behaviour
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Duration	One semester
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DESCRIPTION

One of the most exciting and fascinating sciences that has grown in popularity in recent decades is psychology. This course focuses on the nature of psychology and what it has to offer in the everyday understanding of ourselves and others, and in study and vocation. This course is intended to stimulate interest by focusing on 'what psychologists do' within various specialist areas.

Areas of study will focus on the science of psychology, ethics and controversial experiments, sleep and forensic psychology.

ASSESSMENT TASKS

- | | |
|--------------------------------|-----|
| 1. Analysis of Research Design | 20% |
| 2. Research Activity | 20% |
| 3. Case Study | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil.



YEAR 10 – SCIENCE: PHYSICAL AND CHEMICAL WORLD

KLA	Science
Unit Name	Science – Physical and Chemical World
Duration	One semester

DESCRIPTION

This subject investigates practical, real world objects and substances. We will look at questions like how different chemicals do their jobs, how two drivers crashing at the same speed can have different injuries and what rules govern the behaviour, properties and applications of chemicals and objects.

Laboratory investigations and trials will be conducted, emphasising the importance of good research. This will equip students with the necessary skills to scientifically question and undertake their own scientific research in a more meaningful way.

This course focuses on the physical world of motion and the chemistry of metals, mining and reactions.

If you like thinking about the way things work you may be really interested by this subject.

ASSESSMENT TASKS

- | | |
|-----------------------------|-----|
| 1. Practical Investigations | 20% |
| 2. Research Projects | 20% |
| 3. Tests and Reviews | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - SCIENCE : SPORT SCIENCE

KLA	Science
Unit Name	Sport Science
Duration	One semester

DESCRIPTION

This Science unit is designed for students who want to go deeper into a specific Science area, who love investigation, who are intrigued by the science behind everything. Students choosing this subject will probably be planning a VCE pathway in one or more of the Sciences.

Within this unit laboratory and field investigations will relate to the theory behind the Science of Sport. Students will undertake in depth practical research and collect their own data to relate scientific concepts with real life situations.

As students progress through this course they will develop investigation skills, including formulating hypotheses, planning and conducting controlled experiments as well as succinct report writing skills. They will build knowledge on the current and future developments in the fields of sport related Science.

The context of the studies will be one in which students experience, examine, apply and analyse human performance.

Some of the topic areas to be investigated are: sports nutrition and the role of diet in sporting performance, muscle function and the importance of oxygen, performance enhancing substances and their effects on sport, the physiology of an injury and the latest advancements in sports technology.

ASSESSMENT TASKS

1. Practical Investigations	20%
2. Media Analyses	20%
3. Sport Portfolio	20%
4. Examination	40%

SUBJECT CHARGES

\$10 Victorian Bioscience Education Centre (BioLab) Excursion

OTHER COSTS

Nil.



YEAR 10 – TECHNOLOGY : DC&T – WOOD

KLA	Technology
Unit Name	Design Creativity & Technology – Wood
Duration	One semester

DESCRIPTION

The aim of the course is to provide the opportunity for students to develop skills in areas that include the safe use of equipment, solving practical problems, development of a design folio and evaluation of the design and production process.

Students will be required to follow the technology design process of researching, designing, producing and evaluating. Students will also be required to complete theoretical notes and assignments.

ASSESSMENT TASKS

1. Investigating & Designing
 - ▶ Students will be given a research project that will assist in the designing of a functional product
 - ▶ On completion of this unit, students will have the knowledge to be able to develop a design portfolio.
2. Producing
 - ▶ The students will gain an understanding of how to use tools and equipment safely to construct a functional product.
3. Analysing & Evaluating
 - ▶ Students will write a report that reflects on the finished product and the processes used to develop it.
4. Examination

SPECIAL ARRANGEMENTS/EQUIPMENT

SUBJECT CHARGES

\$25.00 Materials/maintenance charge

OTHER COSTS

Students will pay for the cost of any extra materials they use beyond the basic cost listed above.



YEAR 10 - TECHNOLOGY : FOOD TECH - A WORLD OF FOOD

KLA	Technology
Unit Name	Food Technology – A World of Food
Duration	One semester

DESCRIPTION

The focus of this unit looks at foods, cultures and customs that shape the eating patterns of countries around the world. The technology process of investigating, designing, producing and evaluating will be continued. Activities include food production, food testing and food sampling.

ASSESSMENT TASKS

1. Investigating & Designing
2. Producing
3. Analysing & Evaluating
4. Examination

SPECIAL ARRANGEMENTS/EQUIPMENT

Container and two (2) tea towels.
Money must be paid PRIOR to commencement of course.

SUBJECT CHARGES

\$95.00

OTHER COSTS

Nil



YEAR 10 - TECHNOLOGY : FOOD TECH – BAKER’S DELIGHT

KLA	Technology
Unit Name	Food Technology – Baker’s Delight
Duration	One semester

DESCRIPTION

The focus of this unit is on baking and yeast goods, pastry making and biscuits, cakes and slices. The technology process of investigating, designing, producing and evaluating will be continued.

ASSESSMENT TASKS

1. Investigating & Designing
2. Producing
3. Analysing & Evaluating
4. Examination

SPECIAL ARRANGEMENTS/EQUIPMENT

- ▶ Money **MUST** be paid **PRIOR** to starting the course.
- ▶ Container and two (2) tea towels.

SUBJECT CHARGES

\$95.00

OTHER COSTS

Nil



YEAR 10 - TECHNOLOGY : FOOD TECH - THE ENTERTAINER

KLA	Technology
Unit Name	Food Technology – The Entertainer
Duration	One semester

DESCRIPTION

The focus of this unit will be on food for entertaining. A study will be made of menus, table settings, meal preparation and service. Activities include food production, food testing and food sampling. The technology process of investigating, designing, producing and evaluating will be continued.

ASSESSMENT TASKS

1. Investigating & Designing
2. Producing
3. Analysing & Evaluating
4. Examination

SPECIAL ARRANGEMENTS/EQUIPMENT

- ▶ Money **MUST** be paid **PRIOR** to starting the course.
- ▶ Container and two (2) tea towels.

SUBJECT CHARGES

\$95.00

OTHER COSTS

Nil



YEAR 10 – TECHNOLOGY : IC&T

KLA	Technology
Unit Name	Information, Communication & Technology
Duration	One semester

DESCRIPTION

This unit focuses on the structure, design and implementation of information systems. The unit covers business problems including database, spreadsheet and web design. Students also learn how to create their own applications using Visual Basic.

COURSE OUTLINE

1. Applications

On completion of this unit the student will have demonstrated skills in applying functions to solve business applications using application software.

2. IT Security

On completion of this unit the student will demonstrate an understanding of physical and electronic data security methods and show an awareness of the effects of information technology on people and organisations.

3. Programming

On completion of this unit the student should be able to produce software programmes, in response to a set of system designs, test and document their solutions. Students should be able to confidently write simple programs and produce advanced web pages using Flash and/or JavaScript.

ASSESSMENT TASKS

1. Website Project.
2. Security Research Task.
3. Programming Project.
4. Examination.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



YEAR 10 - TECHNOLOGY: SYSTEMS ENGINEERING

KLA	Technology
Unit Name	Systems Engineering
Duration	One semester

DESCRIPTION

This unit is designed to provide preparation for those students who wish to study Systems and Technology at VCE level. The unit is developed around mechanical and electrical systems. This also includes the development of safe working practices whilst using tools and equipment common to the mechanical, electrical and electronic systems.

COURSE OUTLINE

This unit will allow students to:

- ▶ examine various mechanical, electrical and electronic systems by dismantling, assembling, operating and testing a range of mechanical, electrical and electronic components.
- ▶ develop maintenance and repair skills.
- ▶ research, investigate and report on a system.
- ▶ maintain a record of theoretical knowledge and concepts.

The ability to plan and carry out activities in a logical sequence is also a feature of this study. Although there are theoretical tasks to complete throughout this unit the major focus is on practical tasks.

ASSESSMENT TASKS

1. Work Book
2. Production Projects
3. Evaluation Reports
4. Examination

SUBJECT CHARGES

\$30.00

OTHER COSTS

Nil



Year 11 Section

Course Outlines





VCE – TECHNOLOGY : AG HORT STUDIES UNIT 1 & 2

KLA	Technology
Unit Name	Agriculture & Horticultural Studies 1 & 2
Duration	One semester per unit

DESCRIPTION

This study allows students to develop and apply theoretical knowledge and skills to real world business and practices. The study provides a contextual overview of the scientific, management and operational skills and knowledge required to run a small agricultural and horticultural businesses project. It complements the skills focus of competency training available through Vocational Education and Training Agriculture and Horticulture certificates. The unit has a large practical component and the theoretical learning is largely based upon implementing this knowledge in the real setting.

Unit 1

Students will draw up a plan for an enterprise they will run at school. Past examples have included rabbits, poultry, pigeons, garlic, seasonal vegetable crops, herbs and nursery plants; the choice is only limited to size of animal and the student's imagination. Students will explore all variables such as soil, fertiliser, feed requirements, housing, pests and diseases and anything else pertinent to their project, and then implement the project.

Unit 2

Students will go on a tour of a working farm and complete a research project on the issues that have a direct impact upon the farm, for instance, salinity, drought and weeds. They will examine a technology related to farming or their own enterprise and will then review and report on how the business concluded.

ASSESSMENT TASKS

Units 1 & 2

- | | |
|----------------|-----|
| 1. Practical | 60% |
| 2. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

\$40.00



VCE - SCIENCE : BIOLOGY UNITS 1 & 2

KLA	Science
Unit Name	Biology Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Unity and Diversity

In this unit students examine the cell as the structural and functional unit of the whole organism. Students investigate the needs of individual cells, how specialised structures carry out cellular activities and how the survival of cells depends on their ability to maintain a dynamic balance between their internal and external environments. Students also investigate the structure and functioning of systems within plants and animals.

Unit 2 – Organisms and their Environment

In this unit students investigate what changes have taken place in selected ecosystems, how ecological principles can be applied to conserve natural ecosystems, to restore damaged ones and to ensure sustainability of the biosphere. Students investigate how technologies are being applied to monitor natural ecosystems and to manage systems developed to provide resources for humans.

ASSESSMENT TASKS

Unit 1

- | | |
|-----------------------------|-----|
| 1. Practical Investigations | 20% |
| 2. Topic Review Tests | 20% |
| 3. Multimedia Presentation | 20% |
| 4. Examination | 40% |

Unit 2

- | | |
|-----------------------------|-----|
| 1. Practical investigations | 20% |
| 2. Topic Review Tests | 20% |
| 3. Data Analysis Tasks | 20% |
| 4. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Fieldwork excursion.

SUBJECT CHARGES

\$75.00 (includes excursion)

OTHER COSTS

Nil



VCE - HUMANITIES : BUSINESS MANAGEMENT UNITS 1 & 2

KLA	Humanities
Unit Name	Business Management Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Small Business Management

This unit studies 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.

Unit 2 – Communication and Management

This unit studies the importance of effective communication in achieving business objectives, the marketing function and managing public relations. Covered within this unit are the various forms of communication used by business, the development of a marketing plan and the importance of managing issues in public relations.

ASSESSMENT TASKS

Units 1 & 2

- | | |
|----------------------------------|-----|
| 1. Written Analysis | 20% |
| 2. Case Study | 20% |
| 3. Folio of Communication pieces | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - SCIENCE : CHEMISTRY UNITS 1 & 2

KLA	Science
Unit Name	Chemistry Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Throughout the study of Chemistry students will develop an understanding of the language of chemistry, its symbols, chemical formulas and equations to explain observations and data collected in experimental activities.

Unit 1

In Unit 1 students will learn the history, development and the use of the periodic table. They will investigate the atomic structure of elements, and how they bond together to form a range of different materials with varying properties. Students will investigate the development of many modern materials, such as alloys, fibres, polymers, films and coatings.

Topics studied:

- ▶ Periodic table trends – history of the periodic table, chemical bonding, mass spectrometry, atomic theory and mole concept,
- ▶ Materials – chemical bonding, organic chemistry, surface chemistry, nanotechnology, polymers.

Unit 2

In Unit 2 students will study the chemical reactions involving gases and water that sustain living things on earth. They will investigate how chemistry is used to respond to the effects of human activities on our environment. You will learn the principles and applications of the developing field of Green Chemistry, and the quantitative chemical calculations used everyday by analytical chemists.

Topics studied:

- ▶ Water – solubility, reactions in solution, acids and bases, redox reactions, green chemistry.
- ▶ The atmosphere – properties of gases, environmental impacts, laboratory production.

ASSESSMENT TASKS

Units 1

- | | |
|-------------------------------------|-----|
| 1. Trends of Period Table | 20% |
| 2. Extended the Experimental Report | 20% |
| 3. Practical Work | 20% |
| 4. Examination | 40% |

Units 2

- | | |
|----------------------------|-----|
| 1. Summary Report | 20% |
| 2. Gases of the Atmosphere | 20% |
| 3. Practical Work | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

\$20.00

OTHER COSTS

Nil



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VCE - ARTS : DRAMA UNITS 1 & 2

KLA	Arts
Unit Name	Drama Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Dramatic Storytelling

Students will participate in activities and workshops that will focus on the transformation of character/s in storytelling. They investigate a range of stimulus material and learn about stagecraft, theatrical conventions and performance styles. Solo and/or group based performances may be undertaken. Students will be asked to constantly revise and analyse their own work and that of others, both within the classroom and on a professional level.

Unit 2 – Interpreting Australian Drama

Students will engage in workshops and activities that focus on the Australian identity as a stimulus. Through the presentation of group or solo performances, students will develop, refine and reflect upon performance experience. The analyses of professional works are also required.

ASSESSMENT TASKS

Unit 1

1. Performance – Character based performance to an audience – Solo or group.
2. Analytical report on a performance.
3. Response to solo/group performance.
4. Examination

Unit 2

1. Solo/Group performance.
2. Analytical report on a performance.
3. Response to solo/group performance.
4. Examination

Weighting

Unit 1 & 2

- | | |
|------------------------------|-----|
| ▾ School Assessed Coursework | 60% |
| ▾ Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

There will be costs arising from performance and workshops – approximately \$30.00.



VCE - LANGUAGE : ENGLISH UNITS 1 & 2

KLA	Language
Unit Name	English Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Units 1 & 2

In this study students cover four main areas; these include the study of two texts and two films, essay and creative writing, the analysis of media issues. In Unit One, students undertake a novel study of 'Montana 1948'. Students will also investigate the Context 'Experiments of War' through a series of songs, poems, films and the novel 'Night'. In Unit Two, students study the film 'Gattaca' and explore the Context 'Justice' through the film 'The Shawshank Redemption' and various texts:

Throughout the year the students develop a collection of writing in which they experiment with a variety of styles, purposes and audiences. Students also complete an oral presentation each semester and analyse how language is used to persuade and explore how the media manipulates issues, causing debate.

ASSESSMENT TASKS

Units 1 & 2

- | | |
|-------------------------------|-----|
| 1. Reading and Responding. | 20% |
| 2. Creating and Presenting. | 20% |
| 3. Using Language to Persuade | 20% |
| 4. Examination. | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - TECHNOLOGY : FOOD TECHNOLOGY UNITS 1 & 2

KLA	Technology
Unit Name	Food Technology Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Food Safety & Properties of Food.

In this unit, students study safe and hygienic food handling and storage practices to prevent food spoilage and food poisoning, and apply these practices in the preparation of food. Students consider the selection and use of a range of tools and equipment suitable for use in food preparation.

Students examine the links between classification of foods and their properties, and examine changes in properties of food when different preparation and processing techniques are used. Students apply this knowledge when preparing food. Students use the design process to meet the requirements of design briefs to maximise the qualities of key foods.

Unit 2 – Planning and Preparation of Food.

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 food 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.

ASSESSMENT TASKS

Unit 1 –

Folio of Written Tasks and Investigations.
Production Exercises.
Evaluation and Analysis.
Examination.

Unit 2 –

Folio of Written Tasks and Investigation.
Design Projects.
Production Exercises.
Examination.

SPECIAL ARRANGEMENTS/EQUIPMENT

Container and two (2) tea towels.

SUBJECT CHARGES

*Unit 1 - \$95.00
*Unit 2 - \$95.00

OTHER COSTS

Nil



VCE - MATHEMATICS : FOUNDATION MATHEMATICS UNITS 1 & 2

KLA	Mathematics
Unit Name	Foundation Mathematics Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Units 1 & 2

This course is appropriate for students who have chosen not to continue with Mathematics in Year 12. The areas of study are:

- ▶ Interpreting and representing data
- ▶ Measurement – practical application
- ▶ Space, shape and design
- ▶ Patterns and number

ASSESSMENT TASKS

- | | |
|--------------------------|-----|
| 1. Tests | 20% |
| 2. Projects | 20% |
| 3. Computer Applications | 20% |
| 4. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students will need a scientific calculator.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - MATHEMATICS : GENERAL MATHEMATICS UNITS 1 & 2

KLA	Mathematics
Unit Name	General Mathematics Units 1 & 2
Duration	One semester per unit

DESCRIPTION

This course gives students a sound background to enable them to meet employment needs or further study in a non-science based tertiary study course. It provides an excellent preparation for Further Mathematics Units 3 & 4.

TOPICS INCLUDE:

Unit 1

▾ **Statistics: Univariate Data**

Applications to real life situations, statistical measures and graphs. This includes mathematical interpretation of related statistical quantities to describe data.

▾ **Trigonometry**

Pythagoras, sine, cosine and tangents and related matters. Application to everyday situations.

▾ **Networks and Decision Maths**

Planar networks and their applications to description project analysis.

Unit 2

▾ **Matrices**

Matrix arithmetic, identity and inverse matrix, solving simultaneous equations.

▾ **Statistics: Bivariate Data**

Applications to real life situations, statistical measurements and graphs including mathematical interpretation of related statistical quantities to explain data.

▾ **Measurement**

Area, volume and capacity of standard and compound shapes.

ASSESSMENT TASKS

- | | |
|----------------|-----|
| 1. Tests | 60% |
| 2. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students need a "TI nspire" CAS Graphics calculator.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE – HAPE : HEALTH & HUMAN DEVELOPMENT UNITS 1 & 2

KLA	Health and Physical Education
Unit Name	Health and Human Development Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – The Health and Development of Australia’s Youth

In this unit students identify issues that impact on the health and individual human development of Australia’s youth. Students investigate one health issue in detail and analyse personal, community and government strategies or programs that affect youth health and human development. Various methods for measuring health status are examined, along with the physical, social, emotional and intellectual changes associated with the developmental stage of youth. Students also explore how determinants including biological and behavioural factors, and physical and social environments influence youth health. The importance of nutrition for the provision of energy and growth during the lifespan stage of youth is also studied.

Unit 2 – Individual Human Development and Health Issues

This unit focuses on understanding individual health and development in the lifespan stages of childhood and adulthood. Students explore physical development as well as social, emotional and intellectual changes that occur during these lifespan stages. Additionally, students explore physical health and development from the point of conception through to the elderly. Various determinants that have an impact on health and individual human development are examined. Students also investigate a range of health issues that have an impact on Australia’s health system and investigate at least one health issue in detail.

ASSESSMENT TASKS

Unit 1

- | | |
|------------------------|-----|
| 1. Data Analysis | 20% |
| 2. Test | 20% |
| 3. Case Study Analysis | 20% |
| 4. Examination | 40% |

Unit 2

- | | |
|------------------|-----|
| 1. Test | 20% |
| 2. Data Analysis | 20% |
| 3. Case Study | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - HUMANITIES : HISTORY UNITS 1 & 2

KLA	Humanities
Unit Name	History Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Twentieth Century History 1900 - 1945

This unit examines Germany from 1900 -1945. Students begin their study with *Crisis and Conflict*, from the causes of WW1 to the conclusion of WW2. Students explore the collapse of the Weimar Republic and Hitler's rise to power, including the role of the Nazi Party, the Gestapo, the SS, the Reichstag Fire and The Night of the Long Knives. Students then progress into the study of *Social Life* and investigate the role of propaganda and censorship, the role of woman and young people in Nazi Germany, The Final Solution, opposition to the Nazis, and the fall of Hitler. Students conclude their study with *Cultural Expression*, where they analyse the relationship between the historical context and the cultural expression of the period. Emphasis is placed on developing research skills, analysing visual and written documents, and evaluating the use of fiction and film in historical studies.

Unit 2 – Twentieth Century History 1945 - 2000

This unit examines Twentieth Century China from 1945-2000. Students begin by investigating *Ideas and Political Power*, where they analyse and discuss how post war societies used ideologies to legitimise their worldview and portray competing systems. Students will study why the communists were successful in China and Mao Zedong's contribution to this as leader. Students will also be able to investigate The People's Liberation Army and the control of people in the People's Republic of China after 1949 including Tibet. Students then progress into the study of *Movements of the People*, where they explore a leader of a movement pushing for change in the last half of the Twentieth Century. Their research will include the personal and political background, motivation for political activity, historical context and the methods used by the individual to bring about change. Students conclude their study with *Issues for the Millennium*, where they examine the issues faced by communities arising from political, economic and technological change. In preparation for year twelve history students will develop research skills, visual and document analysis and essay writing proficiency.

ASSESSMENT TASKS

Unit 1

1. Visual and Document Analysis.
2. Research Essay.
3. Film Study.
4. Examination.

Unit 2

1. Visual and Document Analysis.
2. Biographical Study.
3. Research Essay.
4. Examination.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - HUMANITIES : LEGAL STUDIES UNITS 1 & 2

KLA	Humanities
Unit Name	Legal Studies Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 Criminal Law in action

This unit explores the need for laws, law-making, criminal law and justice. It focuses on the role of police, their powers of investigation, the procedures of a criminal trial and an examination of possible sanctions.

Unit 2 Issues in Civil Law

This unit focuses on the effective resolution of civil disputes. Civil litigation and defences are investigated along with judicial procedure and alternative dispute resolutions. Students are given the opportunity to explore specific areas of the law.

ASSESSMENT TASKS

Units 1 & 2

- | | |
|----------------|-----|
| 1. Tests | 40% |
| 2. Assignments | 20% |
| 3. Examination | 40% |

SPECIAL ARRANGEMENTS

- ▾ Excursion to Prison
- ▾ Excursion to Geelong Law Courts.

SUBJECT CHARGES

Nil

OTHER COSTS

Excursion costs – approximately \$30.00



VCE LOTE: – ITALIAN UNIT 1 & 2

KLA	Languages Other Than English (LOTE)
Unit Name	Italian Units 1 & 2
Duration	One Unit per Semester

DESCRIPTION

Unit 1

Outcome 1

The student should maintain a spoken or written exchange related to personal areas of experience.

Outcome 2

The student should be able to listen to, read and obtain information from spoken and written texts.

Outcome 3

The student should produce a personal response to a text focusing on real or imaginary experience.

Unit 2

Outcome 1

The student should be able to have an exchange making arrangements and completing transactions.

Outcome 2

The student should be able to extract and use information and ideas from spoken and written texts.

Outcome 3

The student should be able to express to real or imaginary experience in spoken or written form.

ASSESSMENT

Classroom SACs	60%
Examination	40%

PATHWAYS

Unit 1 and 2 VCE Italian at year 11 can lead to Unit 3 and 4 VCE Italian at year 12.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VET LOTE –ITALIAN VET Certificate III (Year 11)

KLA	Languages Other Than English (LOTE)
Unit Name	VET Certificate III Italian
Duration	Whole year

DESCRIPTION

Certificate III in Applied Languages

- Conduct routine oral communication for social purposes in a language other than English
- Conduct routine workplace oral communication in a language other than English
- Read and write routine documents for social purposes in a language other than English
- Read and write routine workplace documents

ASSESSMENT

Vocational Education and Training assessment is competency based. This is a hands-on course with practical assessment.

CONTRIBUTION TO THE VCE

Completion of Certificate III in Applied Language equates to two VCE units at 3-4 level (and a 10% increment towards the ATAR).

PATHWAYS

The certificate III can lead into a Certificate IV in applied Languages

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - LANGUAGE : LITERATURE UNITS 1 & 2

KLA	Language
Unit Name	Literature Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1

This unit focuses on the ways literary texts represent human experience and the reading practices students develop to deepen their understanding of a text. Students respond to a range of texts personally, critically and creatively. This variety of approaches to reading invites questions about the ideas and concerns of the text. While the emphasis is on students' close engagement with language to explore texts, students also inform their understanding with knowledge of the conventions associated with different forms of text, for example poetry, prose, drama and/or non-print texts.

Unit 2

The focus of this unit is on students' critical and creative responses to texts. Students deepen their understanding of their responses to aspects of texts such as the style of narrative, the characters, the language and structure of the text. Students extend their exploration of the ideas and concerns of the text. They understand the ways their own culture and the cultures represented in the text can influence their interpretations and shape different meanings. Students make comparisons between texts and identify some of the relationships that exist through features such as the language, characterisation and ideas.

ASSESSMENT TASKS

Units 1 & 2

1. Three of :

Essay; debate; journal entries; close analysis of selected passages, an original piece of writing responding to a text studied; oral or written review; multimedia presentation; participation in an online discussion; performance and commentary.

Totalling 60%

2. Examination 40%

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - MATHEMATICS : MATHEMATICAL METHODS UNITS 1 & 2

KLA	Mathematics
Unit Name	Mathematical Methods Units 1 & 2
Duration	One semester per unit

DESCRIPTION

This course is suitable for able students wishing to pursue higher studies in Mathematics.

Topics include:

Unit 1

▀ Functions and Graphs (A)

This area covers linear, quadratic and quadratic graphs.

▀ Algebra

Methods to solve linear, quadratic and cubic equations and the solution of simultaneous equations, both linear and quadratic.

▀ Probability (A)

Both arithmetical and with the use of diagrams and combinatorics

▀ Probability (B)

Graphically, algebraically and applications.

Unit 2

▀ Functions and Graphs (C)

This area covers exponential and logarithmic functions and their applications.

▀ Trigonometry (B)

Revision of trig ratios, exact values, conversion of degrees to radians, symmetry properties and equations.

▀ Calculus (B)

Rates of change, differentiation rules and their application to graphing and practical contexts, and antidifferentiation.

▀ Probability (A)

Both arithmetical and with the use of diagrams and combinatorics.

▀ Probability (B)

Graphically, algebraically and applications.

ASSESSMENT TASKS

1. Major Projects	20%
2. Minor Assignments	20%
3. Tests	20%
4. Examination	40%

SPECIAL ARRANGEMENTS/EQUIPMENT

Students will need a "TI nspire" CAS graphics calculator.

SUBJECT CHARGES

Nil

OTHER COSTS

NIL



VCE - ARTS : MEDIA UNITS 1 & 2

KLA	Arts
Unit Name	Media Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Representation and New Media Technology

The main purpose of this unit is to enable students to develop an understanding of the relationship between the media, technology and the identification of the representations present in media forms. Students will also develop practical and analytical skills as they construct their own media products. Students will analyse new media technologies and the implications and concerns that these technologies bring.

Unit 2 – Media Production and the Australian Media Industry

This Unit is aimed at developing students' awareness of the specialist production stages and roles within the organisation and construction of media productions. Students will work in production teams to plan, produce and edit either a film or print publication. Students will learn about professional process in the media industry.

ASSESSMENT TASKS

1. Unit 1

Outcome one - Representation (written SAC)	20%
Outcome two - Technologies of Representation	20%
Outcome three - New Media Presentation	20%
Examination	40%

2. Unit 2

Outcome one - Media Production	20%
Outcome two - Media Industry (folio of work)	20%
Outcome three - Australian Media (written SAC)	20%
Examination	40%

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - ARTS : MUSIC PERFORMANCE UNITS 1 & 2

KLA	Arts
Unit Name	Music Performance Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1: Music Performance

This unit focuses on building performance and musicianship skills. Students present performances of selected group and solo music works using one or more instruments. Students study the work of other performers and explore strategies to optimise their own approach to performance. Students identify technical, expressive and stylistic challenges relevant to works they are preparing for performance and practise technical work to address these challenges. Students also develop skills in performing previously unseen music. Students study aural, theory and analysis concepts to develop their musicianship skills and apply this knowledge when preparing and presenting performances. Students must learn an instrument from a private tutor.

Unit 2: Music Performance

In this unit students build their performance and musicianship skills. Students present performances of selected group and solo music works using one or more instruments. Students study the work of other performers through listening and analysis and use specific strategies to optimise their own approach to performance. Students also study strategies for developing technical and expressive performance skills. They identify technical, expressive and stylistic challenges relevant to works they are preparing for performance and practise related technical work. Students develop skills in performing previously unseen music and study specific concepts to build their musicianship knowledge and skills. Students also devise an original composition or improvisation. Students must learn an instrument from a private tutor.

In these units, students will have the opportunity to explore:

- ▶ Performance Skills
- ▶ Aural recognition
- ▶ Music Theory

ASSESSMENT TASKS

Unit One

- | | |
|------------------------------------|-----|
| 1. Group and Solo Performance | 50% |
| 2. Performance Technique | 25% |
| 3. Musicianship (Aural and theory) | 25% |

Unit Two

- | | |
|--|-----|
| 1. Performance | 50% |
| 2. Performance Technique | 10% |
| 3. Musicianship | 25% |
| 4. Organisation of Sound (Composition/improvisation) | 15% |

SUBJECT CHARGES

Unit 1 - \$30.00

Unit 2 - \$30.00

OTHER COSTS

Music for solo and group performance program.

Costs associated with excursions – Top Acts.



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VET - ARTS : MUSIC UNITS 1 & 2

KLA	Arts
Unit Name	CUS 20109 Certificate II in Music
Duration	Full Year

DESCRIPTION

Certificate II in Music provides students with the knowledge and skills that will enhance their employment prospects in the music industry. With additional training and experience, future employment outcomes may include professional musician, sound or studio engineer, writer or arranger.

Program 1 consists of ten units of competency:

- Units 1 and 2 - three compulsory and seven elective units.
- The elective units will be selected based on the student cohort completing Program 1.

ASSESSMENT

Completion of ten units of competency

SPECIAL ARRANGEMENTS/EQUIPMENT

- Students are strongly encouraged to seek private instrumental/vocal tuition, however, it is not compulsory for this program.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - HAPE: OUTDOOR ED & ENVIRONMENTAL STUDIES UNITS 1 & 2

KLA	Health and Physical Education
Unit Name	Outdoor Education & Environmental Studies Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Exploring Outdoor Experiences

This unit examines some of 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. Students develop a clear understanding of the range of motivations for interacting with outdoor environments and the factors that affect an individual's access to outdoor experiences and relationships with outdoor environments.

Unit 2 – Discovering Outdoor Environments

This unit focuses on the characteristics of outdoor environments and different ways of understanding them, as well as the human impacts of 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.

ASSESSMENT TASKS

Unit 1

- | | |
|---------------------------------|-----|
| 1. Natural Environment Log Book | 20% |
| 2. Media File. | 20% |
| 3. Outdoor Education Media Task | 20% |
| 4. Examination | 40% |

Unit 2

- | | |
|--------------------------------------|-----|
| 1. Natural Environment Research Task | 20% |
| 2. Natural Environment Log Book | 20% |
| 3. Media File. | 20% |
| 4. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Unit 1

Students will participate in the following activities:

- ▀ Surfing, Body Boarding, Snorkelling, Rock Climbing, Bushwalking, Camping, Navigation & Mapping, Bush Cooking.

Unit 2

Students will participate in the following activities:

- ▀ Skiing/Snowboarding, Snow Safety, Mountain Bike Riding.

SUBJECT CHARGES

Unit 1 - \$160.00

Unit 2 - \$160.00

OTHER COSTS

(Please note – Ski/Snowboarding camp will cost extra. This camp is **NOT** compulsory).



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VCAL - ALL : PERSONAL DEVELOPMENT - INTERMEDIATE

KLA	All
Unit Name	Intermediate VCAL – Personal Development
Duration	Full Year

DESCRIPTION

This unit focuses on the development of organisation and planning skills, knowledge, practical skills, problem solving and interpersonal skills through participation in experiences of a practical nature. Students will participate in a number of excursions that will develop their community awareness.

COURSE OUTLINE/OUTCOMES

- ▶ solve problems specific to an established goal.
- ▶ demonstrate knowledge specific to an established goal.
- ▶ demonstrate skills specific to an established goal.
- ▶ demonstrate teamwork skills.

ASSESSMENT TASKS

The learning outcome is achieved when the learner demonstrates competence in all assessment criteria.

- ▶ a portfolio of accumulated evidence.
- ▶ teacher observation.
- ▶ student self assessment.
- ▶ oral or written reports.
- ▶ Examination.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - HAPE : PHYSICAL EDUCATION UNITS 1 & 2

KLA	Health and Physical Education
Unit Name	Physical Education Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Bodies in Motion

In this unit, students explore how the body systems work together to produce movement and analyse this motion using biomechanical principles. Topics covered include body systems and human movement, biomechanical movement principles, technological advancements and/or injury prevention and rehabilitation.

Unit 2 – Sports Coaching and Physically Active Lifestyles.

This unit explores a range of coaching practices and their contribution to effective coaching and improved performance on an athlete. Topics covered include effective coaching practices, physically active lifestyles, decision making in sport and/or promoting active living.

In both units, students will participate in a range of activities including laboratory activities and practical sessions designed to reinforce particular topics.

ASSESSMENT TASKS

Unit 1

- | | |
|-------------------------------------|-----|
| 1. Body Systems Test | 20% |
| 2. Biomechanics Laboratory Activity | 20% |
| 3. Injury Management | 20% |
| 4. Examination | 40% |

Unit 2

- | | |
|--------------------------------|-----|
| 1. Skill Learning | 20% |
| 2. Promoting Physical Activity | 20% |
| 3. Decision Making | 20% |
| 4. Examination | 40% |

SPECIAL ARRANGEMENTS/EQUIPMENT

A change of clothing is required for all practical classes.

SUBJECT CHARGES

Nil

OTHER COSTS

There may be additional costs for excursions as they arise.



VCE - SCIENCE : PHYSICS UNITS 1 & 2

KLA	Science
Unit Name	Physics Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1

Unit 1 Physics focuses on the way scientists develop models to explain the world around us. In particular students will look at models to explain the behaviour of electricity and radioactivity. Students are given regular experimental work and new computer technologies are used to analyse data and simulate experiments. A further detailed study is made of physics in medicine.

Unit 2

Unit 2 Physics covers the areas of movement and light. Theories of movement are developed through a focus on transport, games and sport. In a further detailed study students use models to investigate the forces related to flight.

ASSESSMENT TASKS

Unit 1

- | | |
|--------------------------------------|-----|
| 1. Nuclear physics and radioactivity | 20% |
| 2. Electricity | 20% |
| 3. Energy from the Nucleus | 20% |
| 4. Examination | 40% |

Unit 2

- | | |
|-------------------------|-----|
| 1. Motion | 20% |
| 2. Flight Investigation | 20% |
| 3. Properties of Light | 20% |
| 4. Examination | 40% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - TECHNOLOGY : PD & T – WOOD UNITS 1 & 2

KLA	Technology
Unit Name	Product Design and Technology – Wood Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Product re-Design and Sustainability

This Unit of Work focuses on the analysis, modification and improvement of a chosen commercial product with consideration of the issue of sustainability. Knowledge of the properties of materials and the suitability is important in product design. Also, knowledge of the source and processes that materials go through is central to sustainable design.

Area of Study 1 provides an introduction to the Product Design process which includes the Product Design factors. Students will re-design a product that has at least three points of difference. In Areas of Study 2, students will produce their re-designed project safely using tools, equipment, materials and machines, compare it to the original design and evaluate the constraints set out in the Design Brief.

Unit 2 – Collaborative Design

In this unit, students will work together in a team to design and develop a product. Students will focus on factors including human needs and wants, function, purpose, aesthetics, materials and sustainability. Working as a team mirrors professional practise where designers often work as a member of a team to develop solutions.

In Area of Study 1, students will work within a team to address a problem or need and consider all the human centered design factors. In Area of Study 2, students will individually evaluate the finished product.

ASSESSMENT TASKS

Unit 1

1. Design Folio	30%
2. Production	40%
3. Written Report	10%
4. Examination	20%

Unit 2

1 Design Folio	20%
2 Production	30%
3 Group Project	30%
4 Examination	20%

SUBJECT CHARGES

*\$50.00 Materials/Maintenance charge

OTHER COSTS

Students will pay for the cost of any extra materials they use beyond the basic cost listed above.



VCE - SCIENCE : PSYCHOLOGY UNITS 1 & 2

KLA	Science
Unit Name	Psychology Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1

Psychology is the systematic study of thoughts, feelings and behaviour. In Unit 1 students consider the influences on human behaviour from biological, behavioural, cognitive and socio-cultural perspectives. They examine the contribution classic and contemporary studies have made to the development of different psychological theories used to predict and explain the human mind. 'Lifespan Psychology' allows students to investigate psychological development from infancy to old age. Students also consider ethical issues associated with the conduct of research and the use of research findings, and apply appropriate research methods when undertaking their own investigations.

Unit 2

In Unit 2 students investigate how a person's attitudes and behaviours affect the way they view themselves and affect their relationship with others. 'Interpersonal and Group Behaviour' focuses on how behaviour and perceptions of self and others are shaped by social and cultural influences including the attitudes and behaviours of groups. 'Intelligence and Personality' explores the scientific ways of describing, measuring and classifying intelligence and personality. Students analyse classic and contemporary theories of intelligence and personality, including the influence of genetic and environmental factors.

ASSESSMENT TASKS

Unit 1

1. Three of :
Research Investigation, Annotated Folio of Practical Activities, Media Response, Oral Presentation, Visual Presentation, Test, Essay, Debate, Data Analysis, Evaluation of Research Total 60%
2. Examination 40%

Unit 2

1. Three of :
Research Investigation, Annotated Folio of Practical Activities, Media Response, Oral Presentation, Visual Presentation, Test, Essay, Debate, Data Analysis, Evaluation of Research
2. Examination

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VET - HAPE : SPORT AND RECREATION CERTIFICATE III

KLA	Health and Physical Education
Unit Name	VET Certificate III Sport and Recreation
Duration	Full Year

DESCRIPTION

1. 3 streams offered - AFL, Netball and Fitness.
2. Completion of VCE VET Units 1 – 4 (2 subjects).
3. 18 sessions/fortnight.
4. Awarded Certificate III in Sport and Recreation.
5. AFL/Netball streams will receive specialist coaching and training as well as activity analysis sessions to enhance strategies and tactics.
6. The Fitness stream will focus on fitness and the fitness industry, catering for students with non AFL/Netball backgrounds.
7. Students will complete a Senior Workplace First Aid Certificate.

ASSESSMENT TASKS

- ▶ Work Performance
- ▶ Portfolios of Unit 3/4 Competencies
- ▶ Final Year Exam

SPECIAL ARRANGEMENTS

Position in the Academy is subject to review at any time based on behaviour, attitude and effort.

SUBJECT CHARGES

Approximately \$300.00

OTHER COSTS

Nil.



VCE - ARTS : STUDIO ART UNITS 1 & 2

KLA	Arts
Unit Name	Studio Art Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1: Artistic inspiration and techniques

This unit focuses on using sources of inspiration and individual ideas as the basis for developing artworks 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.

Unit 2: Design exploration and concepts

This unit focuses on students establishing and using a design process to produce artworks. 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 artworks.

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.

In these units, students will have the opportunity to explore:

- Painting
- Drawing
- Sculpture
- Photography
- Printmaking

ASSESSMENT TASKS

Unit One

- ▶ Developing art ideas 25%
- ▶ Materials and techniques 25%
- ▶ Interpretation of art ideas and use of materials and techniques 25%
- ▶ Examination 25%

Unit Two

- ▶ Design Exploration 25%
- ▶ Completed Artworks 25%
- ▶ Ideas and styles in artworks 25%
- ▶ Examination 25%

SUBJECT CHARGES

Unit 1 - \$30.00
Unit 2 - \$30.00

OTHER COSTS

NIL



VCE - TECHNOLOGY : SYSTEMS ENGINEERING UNITS 1 & 2

KLA	Technology
Unit Name	Systems Engineering Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1 – Introduction to Mechanical Systems

This unit focuses on engineering fundamentals as the basis of understanding underlying principles and the building blocks that operate in simple to more complex mechanical devices.

While this unit contains the fundamental physics and theoretical understanding of mechanical systems and how they work, the main focus is on the construction of a system.

The construction process draws heavily upon design and innovations.

Students apply their knowledge to design, construct, test and evaluate operational systems.

Unit 2 – Introduction to Electrotechnology Systems

In this unit students study fundamental electrotechnology engineering principles. Through the application of their knowledge and the Systems Engineering process, students produce operational systems that may also include mechanical components. In addition, students conduct research and produce technical reports.

While this unit contains fundamental physics and theoretical understanding of electrotechnology systems and how they work, student focus remains on the construction of electrotechnology systems.

ASSESSMENT TASKS

Units 1 & 2

1. Outcome 1:	School Assessment Coursework 1	20%
2. Outcome 2:	Production	60%
3. Examination		20%

SUBJECT CHARGES

Unit 1 - \$30.00

Unit 2 - \$30.00

OTHER COSTS

\$20.00 for Top Designs excursion.



VCE - ARTS : VISUAL COMMUNICATION & DESIGN UNITS 1 & 2

KLA	Arts
Unit Name	Visual Communication & Design Units 1 & 2
Duration	One semester per unit

DESCRIPTION

Unit 1: Introduction to Visual Communication Design

Outcome 1 : Drawing as a means of Communication.

Students will create drawings (both 2D and 3D) for different purposes, using a range of drawing methods, media and materials.

Outcome 2 : Design Elements and Design Principles.

Students will select and apply the elements (line, shape, tone, texture, colour and type) and the principles (figure/ground, cropping, scale, contrast, proportion, hierarchy and pattern) to create visual communications for a stated purpose.

Outcome 3 : Visual Communication Design in Context.

Describe how visual communication has been influenced by past and contemporary practice, and by social and cultural factors.

Unit Two – Applications of Visual Communication Design.

Outcome 1 : Technical Drawing on Context

Create drawings (both 2D and 3D) that incorporate relevant technical drawing conventions and effectively communicate information and ideas for a selected design field (communication design, industrial design or environmental design).

Outcome 2 : Type and Image

Manipulate type and image to create visual communications suitable for print and screen-based presentations, taking into account copyright.

Outcome 3 : Applying the Design Process

Engage in stages of the design process to create visual communications for a given brief.

ASSESSMENT TASKS

- | | |
|---|-----|
| 1. Drawing – observational, freehand and rendering. (two dimensional & three dimensional) | 20% |
| 2. Drawing – instrumental (two dimensional & three dimensional) | 20% |
| 3. Written – analysis and professional practice | 20% |
| 4. Examination. | 40% |

SUBJECT CHARGES

Unit 3 - \$20.00

Unit 4 - \$20.00

OTHER COSTS

Top Designs Excursion approximately \$30.00

Text Book : 'Visual Communication and Design' VCE Units 1-4. 2nd edition. Kristen Guthrie.

Approx \$60.00



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VCAL - ALL : WORK RELATED SKILLS - INTERMEDIATE

KLA	All
Unit Name	Intermediate VCAL – Work Related Skills
Duration	Full Year

DESCRIPTION

This unit will focus on the development of work related and pre-vocational skills in the context of practical work related experiences. This unit explores and develops the key workplace competencies. In Semester One there is a strong emphasis on developing awareness of Occupational Health and Safety.

COURSE OUTLINE/OUTCOMES

- ▶ Collect, analyse and organise information about work and workplaces.
- ▶ Plan, undertake and organise work related activities.
- ▶ Communicate work ideas and information.
- ▶ Work with others and in teams to complete a work related activity.
- ▶ Solve problems related to a basic workplace activity.
- ▶ Use mathematical ideas and techniques in a basic work related activity.

ASSESSMENT TASKS

- a portfolio of accumulated evidence.
- teacher observation.
- student self assessment.
- oral or written reports.
- examination.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



Year 12 Section Course Outlines





VCE - TECHNOLOGY : AG & HORT STUDIES UNITS 3 & 4

KLA	Technology
Unit Name	Agriculture & Horticultural Studies Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3

This unit focuses on a range of technology that is currently used by commercial agricultural and/or horticultural businesses, and reviews the areas where change and innovation are occurring. The likely impact of new and emerging developments in technology on the business will be reviewed and analysed.

In undertaking this unit, students should focus on any one or two commercial agricultural and/or horticultural business(es).

Unit 4

This unit focuses on the management of agricultural and/or horticultural systems within the context of ecological sustainability. It takes a holistic ecological approach to issues associated with land, plant and animal management. Students are expected to apply the principles and concepts of such an approach across a range of agricultural and/or horticultural situations.

ASSESSMENT TASKS

- | | |
|---|-----|
| 1. Unit 3 Coursework | 33% |
| Technologies used in Agriculture
Impact of innovations on AgHort business.
Implement an AgHort business plan. | |
| 2 Unit 4 Coursework | 33% |
| Evaluate and report on your business plan.
Evaluate resource management in AgHort.
Apply sustainability concepts in AgHort. | |
| 3. Examination | 34% |

SUBJECT CHARGES

Unit 3 - \$20.00
Unit 4 - \$20.00

OTHER COSTS

Nil



VCE - SCIENCE : BIOLOGY UNITS 3 & 4

KLA	Science
Unit Name	Biology Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3

In this unit students investigate the activities of cells at a molecular level. This includes analysing the synthesis and functioning of biomacromolecules and enzymes. The process of photosynthesis and cellular respiration is covered in detail. Students also focus on the immune system, and how the body uses the hormonal and nervous systems to coordinate a response to a stimulus. They investigate different disease-causing organisms, and the barriers and mechanisms that plants and animals use to avoid disease.

Unit 4

In this unit students investigate the process of cell replication and sexual reproduction. They focus on molecular genetics as a method to observe individual units of inheritance and genomes. Students gain an understanding of asexually reproducing organisms and the mechanism and patterns of transmission of heritable traits in sexually reproducing organisms. Current technologies to manipulate DNA are also studied. Students investigate the change to genetic material that occurs over time and reliability of evidence that supports the concept of evolution of life forms.

ASSESSMENT TASKS

- | | |
|-----------------------------------|-----|
| 1. Unit 3 Coursework | 20% |
| - Practical activities | |
| - Written reports | |
| - Response to Issue | |
| 2. Unit 4 Coursework | 20% |
| - Practical activities | |
| - Written reports | |
| - Response to Issue | |
| 3. End of Year Examination | 60% |

SUBJECT CHARGES

\$45.00 (this covers a compulsory excursion in Unit 4)

OTHER COSTS

NIL



VCE - HUMANITIES : BUSINESS MANAGEMENT UNITS 3 & 4

KLA	Humanities
Unit Name	Business Management Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 - Corporate Management

This unit examines the role and importance of large scale organisations to the Australian economy. It considers management of large organisations, management styles and skills and the management of operations and production.

Unit 4 – Managing People and Change

This unit examines human resource management practices and processes, and management of change issues such as globalisation, mergers, and social and ethical responsibility in large scale organisations in Australia. Topics covered include employee relations, the employment cycle, changes in the workplace and issues which force change upon large businesses.

ASSESSMENT TASKS

Unit 3 & 4

- | | |
|--------------------------------------|-----|
| 1. School Assessed Coursework Unit 3 | 25% |
| 2. School Assessed Coursework Unit 4 | 25% |
| 3. End of Year Examination | 50% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - SCIENCE : CHEMISTRY UNITS 3 & 4

KLA	Science
Unit Name	Chemistry Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 – Chemical Pathways

In this unit students investigate the scope of techniques available to the analytical chemist. Chemical analysis is vital in the work of the forensic scientist, the quality control chemist at a food manufacturing plant, the geologist in the field, and the environmental chemist monitoring the health of a waterway.

Students investigate analytical techniques, organic reaction pathways and the chemistry of particular organic molecules. Students investigate the role of organic molecules in the generation of biochemical fuels and forensic analysis.

Unit 4 – Chemistry at Work

In this Unit students investigate the industrial production of chemicals and the energy changes associated with chemical reactions.

Chemical reactions produce a diverse range of products we use and depend on every day. Students explore how to obtain optimum conditions in the industrial production of a selected chemical.

Our society uses a range of energy sources to generate electricity. Students investigate how energy is produced from available resources and consider the efficiencies, advantages and disadvantages of each energy resource.

Students will continue to investigate the application of principles of green chemistry to chemical processes and use the language and symbols of chemistry, and chemical formulas and equations to explain observations and data collected from experiments.

ASSESSMENT TASKS

1. Unit 3

Coursework	- Extended Experimental Investigation	
	- Practical report	
	- Test on Biological molecules	20%

2. Unit 4

Coursework	- Summary report	
	- Practical report	
	- Multimedia Report	20%
End of Year Examination		60%

SUBJECT CHARGES

\$20.00 – Victoria University Excursion

OTHER COSTS

Nil



VCE - ARTS : DRAMA UNITS 3 & 4

KLA	Arts
Unit Name	Drama Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 – Ensemble Performance

Students will engage in workshops and activities that focus on non-naturalistic drama. They will collaborate in the development of a group performance based on the non-naturalistic style. Students will gain an understanding and analysis of the student's development of character and role within the group. A professional performance will take place.

Unit 4 – Solo Performance

Students will engage in workshops and activities that enable them to present and develop a solo performance in the non-naturalistic style. Evaluation and analysis of this process will also form a part of the coursework and assessment. A realisation of the individual in performance and the process of developing the work will highlight the student's ability to integrate all aspects of performance.

ASSESSMENT TASKS

Unit 3

1. Presentation of character within a group performance.
2. Written report of a group performance.
3. Analysis of non-naturalistic performance.

Unit 4

1. Written report of solo presentation.
2. Performance exam (solo).
3. Written exam.

Weighting:

Unit 3

- ▾ School Assessed Coursework 35%

Unit 4

- ▾ School Assessed Coursework 5%
- ▾ Written Examination 25%
- ▾ Performance Examination 35%

SUBJECT CHARGES

\$30.00

OTHER COSTS

There will be costs arising from performance and workshops – approximately \$30.00



VCE - LANGUAGE : ENGLISH UNITS 3 & 4

KLA	Language
-----	----------

Unit Name	English Units 3 & 4
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Duration	One semester per unit
----------	-----------------------

DESCRIPTION

The study of English encourages the development of literate individuals, capable of critical and imaginative thinking, aesthetic appreciation and creativity. In Units 3 & 4, students focus on reading and responding to a range of texts, analysing how authors create meaning and the different ways in which texts can be interpreted. Students also work within a prescribed context, exploring ideas suggested by their reading of set texts.

ASSESSMENT TASKS

- | | |
|----------------------|-----|
| 1. Unit 3 Coursework | 25% |
| 2. Unit 4 Coursework | 25% |
| 3. Examination | 50% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - TECHNOLOGY : FOOD TECHNOLOGY UNITS 3 & 4

KLA	Technology
Unit Name	Food Technology Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 - Food preparation, processing and food controls.

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.

Students demonstrate understanding of key foods, analyse the functions of the natural components of key foods and apply this information in the preparation of foods. They also preserve food using these techniques.

Students devise a design brief from which they develop a detailed design plan.

Unit 4 - Food product development and emerging trends.

In this unit students develop individual production plans for the proposed four to six food items and implement the design plan they established in Unit 3.

Students examine food product development, and research and analyse driving forces that have contributed to product development. They investigate issues underpinning the emerging trends in product development, including social pressures, consumer demand, technological developments, and environmental considerations.

ASSESSMENT TASKS

Units 3 & 4

In VCE Food and Technology the student's level of achievement will be determined by School-assessed Coursework, a School-assessed Task and an end-of-year examination.

Percentage contributions to the study score in VCE Food and Technology are as follows:

- Unit 3 School-assessed Coursework: 18 %
- Unit 4 School-assessed Coursework: 12 %
- Units 3 and 4 School-assessed Task: 40 %
- End-of-year examination: 30 %

SPECIAL ARRANGEMENTS/EQUIPMENT

Container and two (2) tea towels. Money **MUST** be paid **prior** to starting the course.

In Unit 4 students will also be required to supply some of their own ingredients.

COSTS

- Unit 3 - \$90.00
- Unit 4 - \$45.00

OTHER COSTS

\$20 – Top Designs excursion



VCE - HAPE : HEALTH & HUMAN DEVELOPMENT UNIT 3 & 4

KLA	Health and Physical Education
Unit Name	Unit 3 – Australia's Health
Unit Name	Unit 4 – Global Health and Human Development
Duration	One semester per unit

DESCRIPTION

Unit 3 – Australia's Health

In this unit, students investigate the health status of Australians in comparison to other developed countries. Students also analyse how biological, behavioural, social and physical determinants of health contribute to variations in health status within population groups in Australia. The development of the National Health Priority Areas and their relationship to burden of disease in Australia are examined. Students investigate the roles and responsibilities of governments in addressing health needs and promoting health for all through the provision of a national health system and health promotion initiatives. The role of government and non-government organisations in providing programs and support for the promotion of nutrition and healthy eating are also studied.

Unit 4 – Global Health and Human Development

This unit takes a global perspective on achieving sustainable improvements in health and human development. Students identify similarities and differences in the health status between people living in developing countries and Australians, and analyse reasons for the differences. The role of the United Nations Millennium Development Goals is investigated in relation to achieving improvements in health status and human development. Students will also analyse Australia's contribution to international health programs through AusAid and contributions to non-government organisations.

ASSESSMENT TASKS

- | | |
|--------------------------------------|-----|
| 1. Unit 3 School Assessed Coursework | 25% |
| 2. Unit 4 School Assessed Coursework | 25% |
| 3. Unit 3 & 4 Examination | 50% |

SUBJECTS CHARGES

Nil

OTHER COSTS

Nil



VCE - HUMANITIES : HISTORY UNITS 3 & 4

KLA	Humanities
Unit Name	History Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 - Revolutions

This unit examines Revolution in Russia, from the 1905 Bloody Sunday Massacre through to 1924 and the death of Lenin. Students begin their study of *Revolutionary Ideas, Movements, Leaders and Events (1905-1917)* with the last Tsar, Nicholas II. Students explore key decisions, ideologies, events and leaders in this period such as the October Manifesto, Marxism, Leninism and the Bolshevik takeover. Students then examine the struggle in *Creating a New Society (1917-1924)* where they investigate the problems facing the new communist government including; The Civil War, War Communism and the New Economic Policy. Students will consider the role played by the Cheka, Trotsky and the Red Army and the significance of the Kronstadt Rebellion and the eventual death of Lenin.

Unit 4 - Revolutions

This unit examines the Revolution in China, from 1898 including the Boxer Uprising through to the death of Mao Zedong in 1976. Students begin with *Revolutionary Ideas, Movements, Leaders and Events (1898-1949)* and study the demise of the last emperor and the Qing Dynasty. Students explore key decisions, ideologies, events and leaders including the One Hundred Days of Reform, Sun Yat-sen, Marxism, The Chinese Communist Party, the Guomindang and The Long March. Students continue their study and explore the problems involved in *Creating a New Society (1949-1976)*. They examine the struggles of the new communist government to establish a new order including a study of; The First Five-Year Plan, The Hundred Flowers Campaign, The Great Leap Forward, The Cultural Revolution, The Socialist Education Movement, the Red Guards and Mao's last years.

ASSESSMENT TASKS

- | | |
|--------------------------------------|-----|
| 1. School Assessed Coursework Unit 3 | 25% |
| 2. School Assessed Coursework Unit 4 | 25% |
| 3. End of Year Examination | 50% |

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE -TECHNOLOGY : IT – SOFTWARE DEVELOPMENT UNITS 3 & 4

KLA	Technology
Unit Name	Information Technology – Software Development Unit 3 & 4
Duration	One semester per unit

DESCRIPTION

Software Development investigates the use of networks by organisations and applies general programming principles by using a specific programming language over both units.

COURSE OUTLINE

Unit 3

Focuses on programming as a strategy for solving problems for specific users in a networked environment. Students develop knowledge and skills in the use of a programming language. The programming language selected will be studied for both Units 3 and 4. When programming in Unit 3, students are expected to have an overview of the problem-solving methodology and a detailed understanding of the stages of analysis, design and development.

Unit 4

Focuses on how the information needs of individuals, organisations and society are and can be met through the creation of purpose-designed solutions in a networked environment. Students continue to study the programming language selected in Unit 3. In this unit students are required to engage in the design, development and evaluation stages of the problem-solving methodology.

ASSESSMENT TASKS

- | | |
|----------------------------|-----|
| 1. Unit 3 Coursework | 25% |
| 2. Unit 4 Coursework | 25% |
| 3. End of year examination | 50% |

COSTS

Nil



VCE LOTE: - JAPANESE (Second Language) UNIT 3 & 4

KLA	Languages Other Than English (LOTE)
Unit Name	Japanese (Second Language) Units 3 & 4
Duration	One Unit per Semester

DESCRIPTION

The students cover the following topics: the Personal World, Daily Life, Future Plans, Visiting Japan, Life in Japan, Getting to know People in Japan, The World of Work, Changes in Daily Life, Home & the Neighbourhood. Students learn the necessary reading, writing, listening and speaking skills to prepare them for both their SACs and their end of year exam. Kanji and vocabulary is taught using games and challenges. Lunchtime conversation classes are held weekly, to enable our students to prepare for assessment and the end of year oral exam.

This study is designed to enable students to

- use Japanese to communicate with others
- understand and appreciate the cultural contexts in which Japanese is used
- understand their own culture(s) through the study of other cultures
- understand language as a system
- make connections between Japanese and English, and/or other languages
- apply Japanese to work, further study, training or leisure.

ASSESSMENT

SACs 50%

EXAMS

Written Exam 37.5%

Oral Exam 12.5%

SUBJECT CHARGES

Nil

OTHER COSTS

Monash excursion (Oral Exam seminar) \$15.00



VCE - HUMANITIES : LEGAL STUDIES UNITS 3 & 4

KLA	Humanities
Unit Name	Legal Studies Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Units 3 & 4

Legal Studies provides students with an analytical evaluation of the processes of law-making and the methods of dispute resolution. Students study the bodies that make laws and the institutions that implement these laws.

Students study many topics. These include Parliament, the Constitution, the court hierarchy, tribunals, alternative dispute resolution methods, the jury system, criminal and civil procedures, and evaluation of the legal system.

ASSESSMENT TASKS

- 1. Unit 3 Coursework** 25%
Folio of three (3) analytical exercises.
Assignment or Essay or Report in Multimedia format.
Essay or Written report or Analysis of contemporary commentary.
- 2. Unit 4 Coursework** 25%
Folio of three (3) analytical exercises.
Assignment or Essay or Report in Multimedia format.
Essay or Written report or Analysis of contemporary commentary.
- 3. Examination** 50%

SPECIAL ARRANGEMENTS/EQUIPMENT

Excursion to a prison.
Excursion to the Geelong Law Court complex.

SUBJECT CHARGES

Nil

OTHER COSTS

Excursion costs – approximately \$20.00



VCE - MATHEMATICS : MATHEMATICS FURTHER UNITS 3 & 4

KLA	Mathematics
Unit Name	Further Mathematics Units 3 & 4
Duration	One semester per unit

DESCRIPTION

This course gives students the knowledge and skills to meet employment needs in a number of different jobs as well as providing a worthwhile preparation for further study in non-science based tertiary subjects. The course consists of core material and selection of three modules to be chosen from a list of five.

COURSE OUTLINE

Core Program

This program will cover data analysis, basic statistical quantities such as mean, mode and median, along with more advanced techniques including description and interpretation of data, both univariate and bivariate.

Modules (Three to be chosen)

1. Number patterns and application: Ratio, proportion, sequences and series, difference equations.
2. Geometry and Trigonometry: Pythagoras theorem, Trigonometry and applications of these.
3. Graphs and Relations: Construction and interpretation of graphs, linear programming.
4. Business related mathematics: Simple and compound interest, hire purchase, appreciation and depreciation, loans and annuities.
5. Networks and decision mathematics: Undirected graphs and networks, directed graphs and networks.
6. Matrices: Matrix arithmetic, solution of simultaneous equations, application of transition matrices.

ASSESSMENT TASKS

- | | |
|--------------------------------------|-----|
| 1. Unit 3 School Assessed Coursework | 20% |
| 2. Unit 4 School Assessed Coursework | 14% |
| 3. External Examination Number One | 33% |
| 4. External Examination Number Two | 33% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students will need a TI *nspire* CAS calculator.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - MATHEMATICS : MATHEMATICAL METHOD CAS UNITS 3 & 4

KLA	Mathematics
Unit Name	Mathematical Methods CAS Units 3 & 4
Duration	One semester per unit

DESCRIPTION

This course is appropriate for students who have already completed Mathematical Methods 1 and 2. This course is a suitable pre-requisite for science; engineering and commerce based tertiary studies.

Topics include:

- ▶ **Coordinate Geometry**
Graphs of polynomial functions, hyperbolas, logarithmic and exponential functions.
- ▶ **Circular Functions**
Graphs and the solutions of equations.
- ▶ **Calculus**
Differentiation and antidifferentiation rules and their applications, including area under curves.
- ▶ **Algebra**
Review of factorisation, logarithmic rules, solution of logarithmic and exponential equations.
- ▶ **Statistics & Probability**
Discrete and continuous random variables and normal distributions.

ASSESSMENT TASKS

- | | |
|---|-----|
| 1. Unit 3 School Assessed Coursework | 20% |
| 2. Unit 4 School Assessed Coursework | 14% |
| 3. External Examination Number One (November) | 22% |
| 4. External Examination Number Two (November) | 44% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students require a TI *nspire* CAS calculator.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - MATHEMATICS : MATHEMATICS SPECIALIST UNITS 3 & 4

KLA	Mathematics
Unit Name	Specialist Mathematics Units 3 & 4
Duration	One semester per unit

DESCRIPTION

This course can only be undertaken by students who are already studying Mathematics Methods 3 & 4. It is suitable for students who anticipate completing tertiary studies in Mathematics, Science, Medicine and Engineering.

Topics include:

- ▶ Complex numbers; Vectors; Trigonometry; Calculus; Differential Equations.
- ▶ Kinematics.
- ▶ Motion of particles; Dynamics and Statics.
- ▶ The last five topics are calculus based so it would be advisable for students to have a good grasp of the calculus studied in Mathematical Methods 1 & 2.

ASSESSMENT TASKS

- | | |
|--------------------------------------|-----|
| 1. Unit 3 School Assessed Coursework | 14% |
| 2. Unit 4 School Assessed Coursework | 20% |
| 3. External Examination Number One | 22% |
| 4. External Examination Number Two | 44% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students will need a TI *nspire* CAS calculator.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - ARTS : MEDIA UNITS 3 & 4

KLA	Arts
Unit Name	Media Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 – Narrative and Media Production Design

The main purpose of this unit is to enable students to further develop an understanding of Media, including narrative production and story elements present in a media text. Students will also develop practical skills through designing a media product of their own. Organisation and creative skills are refined and applied throughout each stage of the production process.

Unit 4 – Media Process, Media texts and Society's Values and Media Influence

The main purpose of this unit is to enable students to further develop practical skills in the production of a media product and to realise a production design plan that was developed in Unit 3. Students will also focus on the relationship between society's values and various media texts. Students also explore the complexity of the relationship between the media, its audiences and wider community in terms of the nature and extent of the media's influence.

ASSESSMENT TASKS

Unit 3 School Assessed Task	6%
Unit 4 School Assessed Task	12%
School Assessed Task	37%
End of Year Examination	45%

SUBJECT CHARGE

Nil

OTHER COSTS

Top Designs excursion - approximately \$25.00



VCE - ARTS : MUSIC PERFORMANCE UNITS 3 & 4

KLA	Arts
Unit Name	Music Performance Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 ; Music Performance

This unit prepares students to present convincing performances of group and solo works. In this unit students select a program of group and solo works representing a range of styles and diversity of character for performance. They develop instrumental techniques that enable them to interpret the works and expressively shape their performances. They also develop an understanding of performance conventions they can use to enhance their performances. Students develop skills in unprepared performance, aural perception and comprehension, transcription, music theory and analysis. The focus for analysis in Area of Study 3 is works and performances by Australian musicians. Students must learn an instrument from a private tutor.

Unit 4: Music Performance

In this unit students refine their ability to present convincing performances of group and solo works. Students select group and solo works that complement works selected in Unit 3. They further develop and refine instrumental and performance techniques that enable them to expressively shape their performance and communicate their understanding of the music style of each work. Students continue to develop skills in aural perception and comprehension, transcription, theory, analysis and unprepared performance. Students continue to study ways in which Australian performers interpret works that have been created since 1910 by Australian composers/songwriters. Students must learn an instrument from a private tutor.

OUTCOMES

Unit Three

1. Performance
2. Performance Technique
3. Musicianship

Unit Four

1. Performance
2. Performance Technique
3. Musicianship

ASSESSMENT

Percentage contributions to the study score in VCE Studio Arts are as follows:

- | | |
|--|-----|
| ▲ Unit 3 School-assessed Task: | 20% |
| ▲ Unit 4 School-assessed Task: | 10% |
| ▲ End-of-year written examination: | 20% |
| ▲ End-of-year performance Examination: | 50% |

SUBJECT CHARGES

Unit 3: \$35.00

Unit 4: \$35.00

OTHER COSTS

Music for the solo or group performance program.
Costs associated with excursions – Top Acts.



VCE - ARTS : VET MUSIC UNITS 3 & 4

KLA	Arts
Unit Name	CUS 30109 Certificate III in Music
Duration	Full Year

DESCRIPTION

Certificate III in Music provides students with music industry practical knowledge of copyright and how to follow health, safety and security procedures important to the music industry. Completion of Certificate III in Music prepares students for work in the music industry in areas such as performance, critical listening, music management and music promotions. With additional training and experience, potential employment outcomes may include band member, song writer, composer, arranger, copier, promoter, teacher and instrumentalist.

Program 2 consists of fourteen units of competency:

- Certificate II units that are eligible for inclusion in a Certificate III will be counted.
- Additional units required for Certificate III completion including 3 SACs.
- An end-of-year performance examination must be completed to satisfy VCE requirements and to receive a study score for this subject.
- Additional units chosen will be based on the interests and ability of the cohort.
- Where students commence program 2 in year 12 it may only be possible to complete the 6 compulsory units that make up the 3 SACs. This will result in students receiving a certificate of completion for the units they have undertaken but not their full Certificate III in Music. Students who complete these units and the examination are eligible to receive a VCE study score.

The School-assessed coursework contributes 50 to the VCE study score.

The end-of-year performance examination contributes 50 to the VCE study score

Student are strongly encouraged to seek private instrumental/vocal tuition, however, it is not compulsory for this program.

Students who complete the full programs one and two will be eligible to receive awards in certificate II and III in Music.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - HAPE : OUTDOOR ED & ENVIRONMENTAL STUDIES UNITS 3&4

KLA	Health & Physical Education
Unit Name	Outdoor Education & Environmental Studies Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 – Relationships with Outdoor Environments

The focus on 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 consider a number of factors that influence contemporary relationships with outdoor environments. Students also examine the dynamic nature of relationships between humans and their environments.

Unit 4 – Sustainable Outdoor Relationships

In this unit students explore the sustainable use and management of outdoor environments. Students 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.

ASSESSMENT TASKS

1. Unit 3 SACs 25%
2. Unit 4 SACs 25%
3. Examination 50%

SPECIAL ARRANGEMENTS/EQUIPMENT

A change of clothing is required for all practical classes.

SUBJECT CHARGES

Unit 3 - \$160.00
Unit 4 - \$ 60.00

OTHER COSTS

The Ski Camp will cost extra. This camp is **NOT** compulsory.



VCAL - ALL : PERSONAL DEVELOPMENT - SENIOR

KLA	All
Unit Name	Senior VCAL – Personal Development
Duration	Full Year

DESCRIPTION

The purpose of this unit is to focus on the development of organisation and planning skills, knowledge, practical skills, problem solving and interpersonal skills through participation in experiences of a practical nature. Students participate in a number of excursions that develop their community awareness.

COURSE OUTLINE/OUTCOMES

- ▶ Develop goals involving strategies, sequences and time constraints.
- ▶ Apply evaluative and problem solving skills to planning.
- ▶ Demonstrate a knowledge of facts and concepts specific to a specialist and/or technical activity.
- ▶ Manage the coordination of an activity or program .
- ▶ Present and communicate ideas and information.

ASSESSMENT TASKS

The learning outcome is achieved when the learner demonstrates competence in all the Assessment criteria.

- ▶ A portfolio of accumulated evidence.
- ▶ Teacher observation.
- ▶ Student self-assessment.
- ▶ Oral or written reports.

SUBJECTS CHARGES

Nil

OTHER COSTS

Nil



VCE - TECHNOLOGY : PD&T WOOD UNITS 3 & 4

KLA	Technology
Unit Name	Product Design & Technology – Wood Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 – Applying the Product Design Process

In this unit students are engaged in the design and development of a product that meets the needs of a client. Students will develop a design brief which outlines the situation and describes the requirements of the client in the form of constraints and considerations. By following the design process, students will take into consideration a range of design factors which include human centred design, innovation, aesthetics, sustainability, material characteristics and economic limitations.

Area of Study 1 examines how a Design Brief is structured, how it addresses particular design factors and how to develop evaluation criteria. In Area of Study 2 students discover how a range of factors, including new technologies, Australian standards and manufacturing processes influence the development of commercial products. In Area of Study 3, students start the development of their Design Folio which includes a design brief, evaluation criteria, research, design options and preferred options. Students can start the construction process which will be completed during Unit 4.

Unit 4 – Product Development and Evaluation

In this unit, students examine factors that are used to determine the success of a commercial product in the context of comparison with similar products. The environmental, economic and social impact of the product will be analysed and evaluated.

In Area of Study 1, students will use comparative evaluation methods to make judgements about a commercial product design and development. In Area of Study 2 students continue to safely manufacture their product designed in Unit 3. In Areas of Study 3, students evaluate the effectiveness of the techniques they used and the quality of their product with reference to the criteria in Unit 3. Students will also produce a document that highlights the product's features to the client and explains any maintenance requirements.

ASSESSMENT TASKS

Units 3 & 4

- | | |
|-------------------------------------|-----|
| 1. School Assessed Coursework | 20% |
| 2. School Assessed Task Units 3 & 4 | 50% |
| 3. Examination | 30% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students will pay for the cost of any extra materials they use beyond the basic cost listed below.

SUBJECT CHARGES

\$50.00 - Materials/Maintenance charge.

OTHER COSTS

\$20 – Top Designs excursion



VCE - SCIENCE : PSYCHOLOGY UNITS 3 & 4

KLA	Science
Unit Name	Psychology Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3

Unit 3 focuses on the study of the relationship between the brain and the mind through examining the basis of consciousness, behaviour, cognition and memory. 'Mind, Brain and Body' looks at the role of the functioning brain and nervous system in relation to awareness of self, the environment and behaviour. In the study of 'Memory', students investigate the retention of experiences and learning as memory and the factors that affect retention and recall of information. As they analyse and evaluate the contribution that classic and contemporary studies have made to these topics, students consider the techniques used to gather data and the associated ethical implications. Students also apply appropriate methods of psychological research and ethical principles when undertaking their own research investigations.

Unit 4

This unit focuses on the interrelationship between learning, the brain and its response to experiences and behaviour. The study of 'Learning' explores the characteristics of learning as a process that plays a part in determining behaviour. The topic of 'Mental Health' uses a biopsychosocial framework to investigate how biological, psychological and sociocultural factors interact to contribute to the development of an individual's mental functioning and mental health. As students examine classic and contemporary studies, they evaluate the research methodologies used and consider associated ethical issues.

ASSESSMENT TASKS

- 1. Unit 3 Coursework** 20%
Three of – report of a student investigation, data analysis, media response, test, evaluation of research, essay, annotated folio of practical activities, oral presentation or visual presentation
- 2. Unit 4 Coursework** 20%
Three of – report of a student investigation, data analysis, media response, test, evaluation of research, essay, annotated folio of practical activities, oral presentation, visual presentation or report
- 3. End of Year Examination** 60%

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - HAPE : PHYSICAL EDUCATION UNITS 3 & 4

KLA	Health and Physical Education
Unit Name	Physical Education – Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3

This unit introduces students to an understanding of physical activity and sedentary behaviour from a participatory and physiological perspective. Students apply various methods to assess physical activity and sedentary levels and analyse the data in relation to adherence to the National Physical Activity Guidelines.

Students also investigate the contribution of energy systems to performance in physical activity.

Physiological responses to physical activity

In this area of study students explore the various systems and mechanisms associated with the energy required for human movement. They examine the way in which energy for activity is produced via the three energy systems and the associated fuels used for activities of varying intensity and duration.

Unit 4

Planning, Implementing and Evaluation of a Training Program

This area of study focuses on the components of fitness and assessment of fitness from a physiological perspective. Students consider the manner in which fitness can be improved. Students participate in fitness testing and an individual training program and evaluate this from a theoretical perspective.

Performance Enhancement and Recovery Practices.

This area of study explores nutritional, physiological and psychological strategies used to enhance performance. Students examine legal and illegal substances and methods of performance enhancement.

ASSESSMENT TASKS

1. Unit 3 SACs 25%
2. Unit 4 SACs 25%
3. Examination 50%

SUBJECT CHARGES

Nil

OTHER COSTS

Nil



VCE - SCIENCE : PHYSICS UNITS 3 & 4

KLA	Science
Unit Name	Physics Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3

Unit 3 consists of two prescribed areas of study: motion in one and two dimensions; electronics and photonics; and a detailed study, Einstein's relativity. The course promotes the development of the student's ability to use physics to explain phenomena and events, and technological and social applications. In studying this unit students will gain an understanding of the ways in which knowledge in physics advances and is applied. Practical work is incorporated throughout the course including an extended, student-designed experimental investigation.

Unit 4

Unit 4 consists of two prescribed areas of study: interactions of light and matter and electric power. It promotes the development of students' ability to use physics to explain phenomena and events, and technological and social applications. Students should gain an understanding of the ways in which knowledge in physics advances and is applied. Considerable class time is devoted to a range of practical activities.

ASSESSMENT TASKS

- | | | |
|----|--|-----|
| 1. | Unit 3 | 20% |
| | - Motion in 1 and 2 dimensions test | |
| | - Electronics extended practical investigation | |
| | - Relativity presentation | |
| 2. | Unit 4 Coursework | 20% |
| | - Light and Matter Data Analysis | |
| | - Electric Power test | |
| 3. | End of Year Examinations | 60% |

SUBJECT CHARGES

\$10.00 - STAV Trial Examinations



VCE - ARTS : STUDIO ART UNITS 3 & 4

KLA	Arts
Unit Name	Studio Art Units 3 & 4
Duration	One semester per 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. Students develop and use an exploration proposal to define an area of creative exploration. They plan and apply a design process to explore and develop their individual ideas. Analysis of these explorations and the development of the potential directions is an intrinsic part of the design process to support the making of finished artworks 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. Throughout their study of art processes, students also consider the issues that may arise from the use of other artists' work in the making of new artworks. Students are expected to visit at least two different exhibition spaces in their current year of study.

Unit 4: Studio production and art industry contexts

This unit focuses on the production of a cohesive folio of finished artworks. 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 artworks. These artworks should reflect the skilful application of materials and techniques, and the resolution of ideas and aesthetic qualities.

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 examine a range of environments for the presentation of artworks exhibited in contemporary settings.

OUTCOMES

Unit Three

1. Exploration proposal.
2. Design Process.
3. Professional art practices and styles.

Unit Four

1. Folio of Artworks.
2. Focus, Reflection and Evaluation.
3. Art Industry Contexts.

ASSESSMENT TASKS

Percentage contributions to the study score in VCE Studio Art are as follows:

▶ Unit 3 School-assessed Task	33%
▶ Unit 4 School-assessed Task	33%
▶ End Of Year Examination:	34%

SUBJECT CHARGES

Unit 3 - \$30.00

Unit 4 - \$30.00

OTHER COSTS

Gallery excursion \$10.00

Top Arts excursion approximately \$25.00



VCE - TECHNOLOGY : SYSTEMS ENGINEERING UNITS 3 & 4

KLA	Technology
Unit Name	Systems Engineering Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit Three: Integrated Systems Engineering and Energy

In this unit students study the engineering principles that are used to explain the physical properties of integrated systems and how they work. Through the application of their knowledge, students design and plan an operational, mechanical-electrotechnology integrated and controlled system. Students learn about the technologies used to harness energy sources to provide power for engineered systems. Students commence work on the design, planning and construction of one substantial controlled integrated system. This project has a strong emphasis on designing, manufacturing, testing and innovation.

Unit Four: Systems Control and New and Emerging Technologies

In this unit students complete the production work and test and evaluate the integrated controlled system they designed in Unit 3. Students investigate new and emerging technologies, consider reasons for their development and analyse their impacts.

Students use their investigations, design and planning to continue the fabrication of their mechanical electrotechnology integrated and controlled system using the Systems Engineering process. Students use materials, tools, equipment and components. In the final stages of the Systems Engineering Process students test, diagnose and analyse the performance of the system. Students evaluate their processes and the system.

ASSESSMENT TASKS

Units 3 & 4

- | | |
|-------------------------|-----|
| 1. Unit 3 Coursework | 10% |
| 2. Unit 4 Coursework | 10% |
| 3. School Assessed Task | 50% |
| 4. Examination | 30% |

SPECIAL ARRANGEMENTS/EQUIPMENT

Students may be required to supply necessary parts for their proposed project.

SUBJECT CHARGES

Unit 3 - \$25.00

Unit 4 - \$25.00

OTHER COSTS

\$20.00 for Top Designs excursion.



VCE - ARTS : VISUAL COMMUNICATION DESIGN UNITS 3 & 4

KLA	Arts
Unit Name	Visual Communication Design Units 3 & 4
Duration	One semester per unit

DESCRIPTION

Unit 3 - Design Thinking and Practice

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 when selecting suitable approaches for the development of their own design ideas and concepts.

Unit 4 - Design Development and Presentation

The focus of the 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 stated needs.

ASSESSMENT TASKS

Unit 3

- ▶ Outcome 1 (SAC) Analysis and practice in context
- ▶ Outcome 2 (SAC) Design industry practice
- ▶ Outcome 3 (SAT) Designing a brief and generating ideas

Unit 4

- ▶ Outcome 1 (SAT) Development of design concepts
- ▶ Outcome 2 (SAT) Final presentation
- ▶ Outcome 3 (SAC) Evaluation and explanation

SUBJECT CHARGES

Unit 3 - \$20.00

Unit 4 - \$20.00

OTHER COSTS

Top Designs excursion - approximately \$25.00



VCAL : ALL WORK RELATED SKILLS - SENIOR

KLA	All
Unit Name	Senior VCAL – Work Related Skills
Duration	Full Year

DESCRIPTION

This unit will focus on the development of work related and pre-vocational skills in the context of practical work related experiences. This unit further refines the key workplace competencies. In Semester One there is a strong emphasis on developing awareness of Occupational Health and Safety. Semester Two focuses on students using work placement knowledge to complete a report and presentation.

COURSE OUTLINE/OUTCOMES

- ▶ Collect, analyse and evaluate information about work and workplaces.
- ▶ Undertake organisation of work related activities.
- ▶ Communicate work ideas and information.
- ▶ Work with others and in teams to complete a work related activity.
- ▶ Solve problems related to workplace activity.
- ▶ Work Related Skills – Mathematics and Communication.
- ▶ Identify, apply and evaluate technology in a work environment.

ASSESSMENT TASKS

- ▶ Assessment is on going where the teacher is monitoring each student to assess their ability to demonstrate successful performance against the prescribed outcomes.
- ▶ Evidence of successful performance of the learning outcomes can include:
 - A portfolio of accumulated evidence.
 - Teacher observation.
 - Oral or written reports.
 - Electronic presentations.
 - Work skills report.

SUBJECT CHARGES

Nil

OTHER COSTS

Nil





Course Selection Sheet: Year 10 – 2015

Student Name: _____ **Home Group:** _____

Place a tick (✓) in the box next to the statement which best describes your intentions for 2015.

	I will be attending Grovedale College in 2015
	I am unsure as to whether I will be attending Grovedale College in 2015. Reason:
	I will not be attending Grovedale College in 2015. Reason:

Parent/Guardian Signature: _____



KLA	Subject	Preference Order
Language (2 units)	English - Compulsory	1 & 2
Mathematics (2 units)	Mathematics – Compulsory	3 & 4
	<input type="checkbox"/> Advanced (10A) <input type="checkbox"/> General (10)	
VCE subject (2 units)		
LOTE (2 units)		
Sports Academy (2 units)		
Science		
Humanities		
Arts		
Technology		
Health & PE		





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Course Selection Sheet : Year 11 – 2015

Student Name: _____ **Home Group:** _____

Place a tick (✓) in the box next to the statement which best describes your intentions for 2015.

	I will be attending Grovedale College in 2015.
	I am unsure as to whether I will be attending Grovedale College in 2015. Reason: _____
	I will not be attending Grovedale College in 2015. Reason: _____

Parent/Guardian Signature: _____

VCE

Year 11 VCE students are required to select seven units, the first of which must be English. While students at Grovedale College study six subjects in Year 11, it is important to have one extra preference as it may not be possible to allocate all students to their preferred selections.

List your choice of subject in preference order – ‘1’ being most preferred and ‘6’ being least preferred.

Preference	Subject
1	English
2	
3	
4	
5	
6	
7	

VCAL

I am undertaking VCAL.

My chosen VCE Mathematics unit is _____

My chosen VCE subject is _____





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Course Selection Sheet : Year 12 – 2015

Student Name: _____ **Home Group:** _____

Place a tick (✓) in the box next to the statement which best describes your intentions for 2015.

	I will be attending Grovedale College in 2015.
	I am unsure as to whether I will be attending Grovedale College in 2015. Reason:
	I will not be attending Grovedale College in 2015 Reason:

Parent/Guardian Signature: _____

VCE

Year 12 VCE students are required to select six units, the first of which must be English. While students at Grovedale College study five subjects in Year 12, it is important to have one extra preference as it may not be possible to allocate all students to their preferred selections.

List your choice of subject in preference order – ‘1’ being most preferred and ‘6’ being least preferred.

Preference	Subject
1	English
2	
3	
4	
5	
6	

I am interested in participating in the Year 12 Sports Academy program (which will be scheduled outside of class time)

VCAL

I am undertaking VCAL.

My chosen VCE subjects are _____

and _____





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Grovedale College

Senior School Enrolment Agreement

Grovedale College will provide an education which allows all students to achieve. All students have different talents and, no matter how capable we are, all of us have an obligation to try our best in all our school endeavours.

Both the Victorian Government and Grovedale College aim to have the maximum number of students complete Year 12. However, students over 17 may leave school and those who remain must "take advantage of the educational opportunity provided by the school" (Victorian Government "Student Code of Conduct").

We provide a vibrant, enjoyable and challenging environment and that means all students in the Senior School need to cooperate and strive for personal excellence.

Commitment

I, (insert full name) _____ 2014 Home Group _____

agree to the following:

- To strive to achieve my best in all classes and for all examinations.
- To complete all coursework, assessment tasks, SATs, SACs and examinations on time and to the best of my ability.
- To spend at least the recommended time on homework: (six hours per week for Year 10, 8 hours per week for Year 11 and 10 hours per week for Year 12)
- To continue with all subjects in my course for the whole year unless agreed otherwise by the Senior School staff.
- To spend no more than 10 hours per week on employment.
- To follow all College rules.
- To participate fully in College activities.
- To treat all members of the College community with respect.
- To attend all classes and SACs unless ill or for an approved reason.
- To attend all exams and remain in the examination room for the full time.
- To strive to achieve my best in all classes.
- To be punctual and prepared for all classes.
- To attend all classes, Home Group and Enrichment activities on time, bringing the appropriate materials.
- To use study sessions appropriately and to sign in to the designated locations eg. Senior Study Centre or Library unless given permission to be elsewhere by Senior School staff.
- To use my College Organiser consistently to record all set learning tasks.
- To remain in the College grounds at all times during the school day unless formal arrangements have been made with the Senior School.
- To observe the Department of Education and Early Childhood Development (DEECD) policy relating to student drivers and travelling in cars driven by other students.

Signature: (student) _____ Date: _____

I/We fully support _____ in his/her Senior School enrolment in 2015.

Signature: (Parent/Guardian) _____ Date: _____





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