ST JOSEPH’S COLLEGE, MILDURA
VIRTUE CONQUERS
Founded by the Sisters of Mercy in 1906

VERTICAL ORGANISATION HANDBOOK 2017
A GUIDE TO SUBJECTS & PROGRAMS
2017 Subject Information Guide for students in Years 8 and 9, 2016
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WHAT IS VERTICAL ORGANISATION?

The Vertical Organisation (VO) system described in this booklet probably seems complicated. It offers you, however, scope to do an extraordinary variety of courses so you need to make sure you understand it and use it to maximum advantage.

Vertical Organisation offers almost unlimited flexibility; it offers increased potential for all types of students. Most importantly, it offers each student the possibility of undertaking a broad range of subjects to develop diverse skills in a wide variety of areas. For example, a student could combine a number of Year 9 subjects with Year 10 Visual Communication & Design, a student could combine a number of Year 10 subjects with VCE Legal Studies Units 1 and 2.

It is important to choose units of study sensibly - “I will try Business Management / Economics because I am thinking of specialising in Commerce subjects in VCE”, “I will do Italian throughout the year because I believe a language is essential to my education”, “I will try a hard Maths unit to see if I can handle it”, etc. Choosing according to friends’ choices, minimising work, “not sounding interesting” etc. will reduce your opportunities in the system.

To ensure a balanced education, each student must complete a minimum number of units in each of the major learning areas. The student has some flexibility to choose the order in which these requirements are met and the actual subjects taken within each learning area. A description of each unit is included in this booklet.

CURRICULUM STRUCTURE AND KEY LEARNING AREAS

The nine Domains are:
- Religious Education
- The Arts
- English
- Health and Physical Education
- Languages - (LOTE)
- Mathematics
- Science
- Humanities
- Technology

Teachers have prepared many units of work in each of the nine Domains. Each unit is presented over one semester (half year) and is, generally speaking, self-contained. There are, however, some units that are prerequisite units whilst others form a logical sequence within certain Domains.

MINIMUM NUMBER OF UNITS

To ensure a balanced education and a student program with sufficient breadth, a prescribed minimum number of units (MNU’s) has been set in each Domain. These minimums are to be met over the two years (9 and 10).

<table>
<thead>
<tr>
<th>DOMAINS</th>
<th>MNU’s</th>
</tr>
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<tbody>
<tr>
<td>Religious Education</td>
<td>4</td>
</tr>
<tr>
<td>The Arts</td>
<td>1</td>
</tr>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Health &amp; Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>Languages - (LOTE)</td>
<td>0</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>2</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>Technology</td>
<td>1</td>
</tr>
</tbody>
</table>

(Must include Healthy Futures)

The total of the MNU’s tallies 20 allowing students the flexibility of choosing the remaining 8 units in any Domains that they wish.
The answer is 14 - seven in the first semester and seven in the second semester.

The VO is a two year program. The MNUs must be completed over two years (Years 9 and 10). Once this is understood you can see that completing the 20 MNUs is not very difficult, as you will have completed two years of 14 units (total 28).

Within reason, the answer is yes. This is the flexibility of the VO system – you can choose units that sound interesting to you and “taste” subjects that you otherwise would not attempt. Our advice would be to choose a wide variety of subjects, rather than focus in a specific Domain.

Strictly speaking, Religious Education, English, Maths (Year 9) and Healthy Futures (Year 10) are the only compulsory units. However, the Minimum Number Units for each Domain ensure that you must study subjects from each Domain (except Languages). There are also requirements about the order in which subjects must be taken. All of this information can be found in this booklet.

Hooray, you’re normal. Most 14 and 15 year olds have very vague ideas about their future career (if any idea at all) and most change their minds many times. We deliberately structure VO to ensure you maintain a broad base of subjects. We don’t encourage you to specialize too early. Try a wide range of subjects and keep developing your literacy and numeracy.

The flexibility of the VO system allows individuals to choose a pathway that meets their individual needs. While most students have similar needs, our individual talents and interest’s means no two of us are absolutely identical. You may wish to attempt a more challenging Science subject because you feel very confident in this area (some Year 10 students may wish to consider VCE subjects); or you may want to look at a Maths subject that progresses at a slower pace because you find Maths difficult. You may even want to look at alternatives to traditional schooling altogether.

The booklet is a useful guide, but you have many other resources available to help you. Speak to your Homeroom Teacher and subject teachers about your concerns – they will have useful advice. Attend the VO/VCE/VCAL Information Evening and come prepared to ask questions. Make an appointment to see Mrs McKinnon if you want to find out more about career options more broadly, or Mrs Lewis if you want to find out more about vocational education options and Mr Kluske if you need general advice about your subject choices.
Satisfactory completion and achievement

Students gain satisfactory completion of a unit of work (a subject over one semester) by working towards the outcomes stipulated at the commencement of the unit. Students are assessed by a number of different means and monitoring. Feedback and reporting occur at different times throughout the semester.

As a Mercy College, St Joseph’s College aims to provide the opportunity for all students to achieve personal excellence in their academic studies. To assist students to achieve their educational outcomes, the College caters for a range of individual learning needs, whilst promoting the Core Value of Excellence.

Academic Intervention for ‘At Risk’ Students – Interview Process

The Homeroom Teacher or Pastoral Care Teacher will instigate an interview with Parents/Guardians, the Student and the House Leader, to develop strategies to enhance each student’s learning outcomes for:

- Students who receive an ‘Of Concern’ Progress Grade on Mid-Semester Interim Reports in one or more subjects.
- Students who do not attend the college on a regular basis, which should be no less than 85% attendance for classes, including Homeroom, Pastoral Care, Assembly periods and College Events.
- Students who have not completed all standards and tasks in Religious Education satisfactorily.

Procedure for an ‘N’ Result for Semester Subjects

If students receive an ‘N’ result for semester subjects in their End of Semester Report in one or more subjects, the House Leader will call a panel interview including Head of School, Parents/Guardians and the Student.

Choosing Units – Some Advice

Most students will do a straightforward Year 9 or Year 10 course. Even this will involve a certain amount of choice of units and of the order in which the units are done. There needs to be much thinking, discussing and deciding. This is especially the case for students who may profit from choosing units outside their own year level. Such choices may be extremely helpful but they do require careful thought and sensible advice. Advice can be gained through communication with parents, older students, subject teachers, Homeroom teacher, Careers Counsellor, family and friends in the workforce etc.

All students need to think carefully about the future and consider subjects to cover four semesters. There is enormous potential in the system, but the full development of that potential is not something that just happens; it is something that has to be made to happen; with considered thinking, planning and direction.

Acceleration for Year 10 & 11 Students

Year 10 students wishing to study a Year 11 subject (Unit 1/2 subject), or Year 11 students wishing to study a Year 12 subject (Unit 3/4 subject), must achieve a B grade average (minimum of 73%), or higher in all Assessment Tasks for at least 5 subjects in each semester prior to applying for acceleration.

However, an E grade or lower (less than 42%) in any Assessment Tasks may preclude them from accelerating in any subject area.

- Students wishing to accelerate will need to complete an ‘Accelerated Learning Application Form’, as part of the subject selection process, to be signed by parents/guardians.
- Any student requesting Academic Acceleration will need to participate in an ‘Accelerated Learning’ formal interview with the Homeroom Teacher and Head of School. In this interview, expectations will be discussed and it will be determined whether the student is suitable for Accelerated Learning before agreement of the Accelerated Learning Request. If agreement to the request for ‘Accelerated Learning’ is made, this information will be passed on to parent/guardians and the Timetabler.
- If at any time there are concerns that students are not coping with the demands of the ‘Accelerated Learning’ program participation in the program will be reviewed.
EXTENSION STUDIES FOR THOSE WITH SPECIAL INTEREST

Mathematics:
- The Informatics Competition (February – March)
  This program is offered to students in Year’s 7 to 12. Students are asked to nominate if they wish to enter the competition. The competition consists of a 1 - 2 hour test on a set day (Australia Wide) and tests the student’s ability to solve problems and think logically about problems. No prior computer knowledge or programming knowledge is required. All students receive a certificate for participating in the competition. Students who perform very well are rewarded with a Credit, Distinction or High Distinction Award.

- The Mathematics Challenge (March - June)
  This program is offered to students who have shown an ability and interest in mathematical problem solving. It is a three week competition run by the Australian Mathematics Trust. Students present written solutions to the problems. Their results are sent to the AMT who determine the student’s rank compared to other entrants. All students receive a certificate for their efforts. These range from Certificates of High Distinction, Credit and Participation.

- The International Competitions and Assessments for Schools Mathematics Competition (August)
  This competition is offered to all students in Years 7 to 12. Students are asked to nominate if they wish to enter the competition. It consists of a one and one quarter hour test on a set day (Australia wide) and tests the student’s ability to solve problems and to think logically about problems probably not encountered in the classroom. All students receive a certificate for participating in the competition. Students who perform very well are rewarded with a Credit, Distinction or High Distinction award.

English:
- ICAS Spelling Competition
- ICAS English Competition
- Dorothea Mackellar Poetry
- Young Journalist Award

Speaking competitions:
- Lions Youth of the Year -VCE
- Rostrum Voice of Youth - Junior and Senior
- Inter school debating
- Frayne Festival - debating –VCE
- Opportunities in Poetry and writing competitions every year.
- Opportunities to enter school writing competitions during English Week/Book Week

Humanities:
- United Nations Program
- Australian Business Week
- Geography Competition
- Historical Fiction Competition
- ASX Share Market Game

Technology:
- Web Challenges
- Web Quests
- Extension work to build Intranet Pages relating to House/Homeroom Pages
- IT Seminar participation in Melbourne and Adelaide
- Completion of VET Courses- particularly in Home Economics and Woodwork
- Australian Computer Studies Competitions – major focus on Systems Curriculum
- Participation in the VCE/VET Fashion Show – Senior students from St Joseph’s College and other district schools showcase their fashion designs in a Fashion Gala Event.
EXTENSION STUDIES FOR THOSE WITH SPECIAL INTEREST continued....

Health and Physical Education:
- In addition to the Inter-house carnivals of swimming, athletics and cross country running, we offer a variety of team and individual sports. Students have the opportunity to compete at local level in the Sunraysia Secondary School Sports Association (SSSSA). If they are successful at this level, they are invited to compete in the Northern Zone finals. Success at this level paths the way to State finals, where the top teams/individuals from across Victoria compete.
- The Outdoor education program allows students to participate in a challenging outdoor expedition in a region outside of the Mallee.

Languages – Italian:
- ACER Language Certificate Competition held in August
- Opportunities to enter writing competitions organized by COASIT, Melbourne
- Bi-annual Study Tour to Italy (September holidays)
- Cultural Exchange Programs

Arts:
- College Production
- VCE Visual Arts Exhibition
- Musicals – Drama, Art, Music, Dance all involved in acting, singing, dancing, music and designing etc. for every second yearly musical
- Annual Ball Decorations – Designing, producing decorations and assisting SRC with the setting up of Annual SJC Ball
- Competitions – Many school based art and graphic poster, stamp, product and logo competitions which vary from year to year
- Ilford Photography Competition – (Held every three months) – Students can produce black and white photographs to enter
- Mildura Eisteddfod – The performing Arts students choose to partake in the Mildura Eisteddfod
- SJC Choir – Weekly practices and various performances at many civic, school and community events
- Band – Weekly practices and various performances at civic, school and community events
- Dance – For Masses

Science:
- Year 7 to 12 Science Talent Search / ICAS / ANCO Chemistry Quiz / Big Science Competition
- Year 9 Siemens Science Experience
- Year 11 National Youth Science Forum
- Year 11 National Qualifying Exams for Australian Science Olympiads in the areas of Biology, Chemistry and Physics
- Year 10 - 12 Royal Australian Chemistry Institute National Chemistry Tritration
**RELIGIOUS EDUCATION** (MNU = 4)

- REL091 Living a Christian Life
- REL092 Belief and Celebration
- REL101 Religious Diversity
- REL102 The Church Now and in the Past

**THE ARTS** (MNU = 1)

- ART09 Year 9 Art
- ART10 Year 10 Art
- ARTA0 Advanced Year 10 Art
- PHT09 Year 9 Photography
- PHT10 Year 10 Photography
- DAN09 Year 9 Dance
- DAN10 Year 10 Dance
- DANA0 Advanced Year 10 Dance
- DRA09 Year 9 Drama & Theatre Studies
- DRA10 Year 10 Drama & Theatre Studies
- DRAA0 Advanced Year 10 Drama & Theatre Studies
- VCN09 Year 9 Visual Communication and Design
- VCN10 Year 10 Visual Communication and Design
- VCN0A Advanced Year 10 Visual Comm. and Design
- MED09 Year 9 Media Arts
- MED10 Year 10 Media Arts
- MEDA0 Advanced Year 10 Media Arts
- MUS09 Year 9 Music
- MUS10 Year 10 Music
- MUSA0 Advanced Year 10 Music

**MATHEMATICS** (MNU = 3)

- MAT091 Year 9 Mathematics 1
- MATE91 Year 9 Essential Maths 1
- MAT092 Year 9 Mathematics 2
- MATE92 Year 9 Essential Maths 2
- MATE01 Year 10 Essential Maths 1
- MATE02 Year 10 Essential Maths 2
- MATGM1 Year 10 General Maths 1
- MATGM2 Year 10 General Maths 2
- MATMM1 Year 10 Maths Methods 1
- MATMM2 Year 10 Maths Methods 2
- MATMX2 Maths Enrichment Elective Year 10

**SCIENCE** (MNU = 2)

- SCI091 General Science – Core A
- SCI092 General Science – Core B
- PCHVO1 Prep Physics/Chemistry 1
- PCHVO2 Prep Physics/Chemistry 2
- BMV00 Molecular Biology
- BILV00 Living Biology
- PSYV00 Psychology in Action
- PCHV00 Enhancement Physics and Chemistry

**ENGLISH** (MNU = 4)

- ENG091 English A
- ENG092 English B
- ENG101 English C
- ENG102 English D
- LITV01 Literature 1
- LITV02 Literature 2
- LITV03 Literature 3
- LITV04 Literature 4
- VCAL Literacy

**TECHNOLOGY** (MNU = 1)

- FTY091 Food Technology A
- FTY092 Food Technology B
- FTY101 Food Technology C
- FTY102 Food Technology D
- ITYPG0 Programming for Games
- ITYRCD Robotics & Coding
- ITYWP0 Web Publishing
- TEXIN0 Textiles – Introduction
- TEXAC0 Textiles – Creative Techniques
- TXDS0 Textiles – Intro to Design & Technology
- TEXFA0 Textiles – Fashion
- MTPVO1 Metal, Timber, Plastics Intro
- MTPVO2 Metal, Timber, Plastics Design
- DTW100 Intro to VCE Design & Technology: Wood
- MESV00 Mech & Elect Systems

**HEALTH & PHYSICAL EDUCATION** (MNU = 2)

- PEDPE0 Intro to VCE Physical Educ.
- PEDHH0 Intro to VCE Health & HD
- PEDOE0 Intro to Outdoor Ed
- PEDO80 Outdoor Ed – Expedition
- PEDSE0 Sport Education
- PEDSK0 Skill Development
- PEST0 Sports Training
- PEDSCO Sports Coaching
- PEDHF0 Healthy Futures (Compulsory Unit at Year 10)

**HUMANITIES** (MNU = 3)

Students must choose 1 from each of the groups of: Commerce, Geography, and History

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<th>Commerce</th>
<th>Geography</th>
<th>History</th>
<th>Optional</th>
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<tbody>
<tr>
<td>ACCVO0 Accounting</td>
<td>GEOIN0 Geography – Intro Compulsory</td>
<td>HISAU0 Australian History (1750-Present Day)</td>
<td>HISAM0 American History</td>
</tr>
<tr>
<td>ECOB800 Economics/Business Mgt</td>
<td>GEOEN0 Geography – Intro to VCE</td>
<td>HISMA0 The modern world and Australia</td>
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<tr>
<td>LSTVO0 Legal Studies</td>
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* See VET section of this booklet for basic information. See separate Vocational Education and Training (VET) Handbook for detailed course information.
WHERE TO FROM HERE?

It is most important that students and parents spend a significant amount of time in reading this booklet and choosing units carefully. To maximise student choice the system allows for student input; however this system only works if students return their forms promptly and correctly.

A process of consultation will be established to help advise students on appropriate subject selection. This will begin with the VO/VCE / VCAL Information Evening on **Tuesday, 19th July** and teachers from each Domain will be available on this night to answer any questions. Students will have further opportunities to discuss subject selection issues with subject teachers, homeroom teachers and the Careers Counsellor before the **FRIDAY, 19th AUGUST** deadline. Subject details can be found in the Curriculum section under “LEARNING” - “SUBJECT SELECTION” headings of the College webpage (www.sjcmda.vic.edu.au).

### HOW TO USE THIS BOOKLET

1. Carefully read all of the course outlines on the College website: *Teaching & Learning - Subject Selection*

2. Are you clear as to what is involved in each subject? See your subject or class teacher as to whom to contact to obtain further details and get your subject selection form signed.

3. Talk to your subject teachers and your parents/guardians about your strengths and weaknesses and therefore which subjects would best suit your needs. See Mrs McKinnon your Careers Counsellor, if you are still unsure.

4. Carefully read the instructions on how to complete your subject selections via the Select My Subjects - Web Preferences webpage.

5. Return your subject selection and enrolment forms to your Homeroom teacher by **FRIDAY 19th AUGUST**
SELECT MY SUBJECTS / WEB PREFERENCES

Accessing and Using Select My Subjects / Web Preferences
Select My Subjects / Web Preferences is a web application that allows students to enter their subject preferences on-line.
This Access Guide details the procedures to access and use Select My Subjects / Web Preferences.
Before you begin, make sure that you have access to a computer that has the following:
- An Internet Connection
- A web browser
- Access to a printer

Step One - Accessing Web Preferences
To use Select My Subjects / Web Preferences, open your web browser and go to the following internet site:
https://www.selectmysubjects.com.au
There is also a link on SIMON for students and on PAM for parents/guardians.
Click on the button “Access Web Preferences Student Portal” to access the Login page.

Step Two - Logging into Web Preferences
To login enter the Student Access Code and Password. Note the entries are case sensitive.
Student Access Code:
Password: (Student access codes and passwords will be distributed to students)
Then click on the button “Enter the Web Preferences Student Portal”. If there is an error in entering either the
Student Code or Password, an error message in red text will be displayed at the bottom of the page.

Step Three – Selecting Preferences
To view a list of the subjects available for selection and any personal restrictions click on the “View Subject
Details” button. To continue click on the button “Return to Home Page”.

To select or change your preferences click on “Add new Preferences” button. An initial instructions page will appear. Once you have read these instructions click the “Continue” button.

On the Preference Selection page, follow the instructions on this page to select subjects from the drop down list boxes. When you have finished, click on “Submit Selected Preferences” button.

Step Four – Validating Preferences
The “Preference Validation” page will display all your preferences in the order you selected them. If you are happy with your preferences then continue by clicking the “Submit Valid Preferences” button which will open a page titled “Preference Receipt”. Alternatively if you would like to make changes to the preferences entered click on the “Cancel” button this will take you back to the Preference Selection page.

Step Five – Finishing Up
You can print your “Preference Receipt” page by clicking on the “Open Print View” button and clicking the
“Print Receipt” button. Sign the printed receipt and return it to school. To continue, click on the “Return to Home Page” button. If you want to change your preferences, repeat the process by clicking the “Add New Preferences” button, otherwise exit by clicking the “Log out” button. Remember you have a maximum of 10 submissions of preferences; however submissions only count if you click on “Submit Valid Preferences” button.
In Years 9 & 10 there are four compulsory semester units of Religious Education.

The Year 9 and 10 units are designed to provide a very thorough coverage of the key strands of the Awakenings Religious Education guidelines dealing with God, Jesus Christ, Church, Sacraments, Scripture, Christian Life, Prayer, Religion and Society.

Students will also attend compulsory seminar and retreat days. These are essential for providing an alternate educational and spiritual environment for students to reflect on their beliefs and lives.

**Year 9**
Students must choose two compulsory units of Religious Education – REL091 and REL092. This is five periods per week.

**Year 10**
Students must choose two compulsory units of Religious Education – REL101 and REL102. This is five periods per week.

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**REL091 – LIVING A CHRISTIAN LIFE**

**UNIT DESCRIPTION:**
In this unit, students will cover the following topics:
- Stewardship [Environmental Theology and the Nature of God]
- Who is Jesus? [Scripture – Gospels]
- Prayer and Meditation 1 [Christian Prayer]

There is no levy charged for Religious Education subjects.

---

**REL092 – BELIEF AND CELEBRATION**

**UNIT DESCRIPTION:**
In this unit, students will cover the following topics:
- The Table of the Lord [Sacraments – Eucharist]
- Prayer and Meditation 2 [Christian Prayer]
- Relationship, Identity, Sexuality and Spirituality [Christian life]
- Christian Decision Making

There is no levy charged for Religious Education subjects.

---

**REL101 – RELIGIOUS DIVERSITY**

**UNIT DESCRIPTION:**
In this unit, students will cover the following topics:
- Celebrating Religious Diversity [Religion and Society]
- Death and New Life [Jesus Christ]
- Prayer and Meditation 3 [Christian Prayer]

There is no levy charged for Religious Education subjects.

---

**REL102 – THE CHURCH NOW AND IN THE PAST**

**UNIT DESCRIPTION:**
In this unit, students will cover the following topics:
- The Church Through Time [Church History]
- Prophets and Saints [Christian Life]

There is no levy charged for Religious Education subjects.
GUIDELINES FOR THE SELECTION OF UNITS

* A minimum of 4 units must be studied in VO
- English units are to be taken in sequence; Literature may be studied in addition to but not in place of English.
- Students seeking extension in English are encouraged to take a Literature unit in addition to English.
- All English units lead to VCE English or VCAL Literacy in Year 11.

Standard progression through units:

Variations or possible moves into or out of English or VO Literature can be made with the consultation with your English teacher or Domain Leader, Mr Emmet Brown.

VCAL LITERACY OPTION
For some students, especially those choosing to undertake VET/TAFE or School Based traineeships it is possible that enrolment in VCAL Literacy will be preferable. This requires considerable consultation with the careers coordinator, VCAL coordinator and English Coordinator. Please see the VCAL Literacy information in the Year 11-12 subject selection handbook.

VCE ENGLISH OPTIONS & IMPLICATIONS FOR VCE ENGLISH
While students do not have the option of commencing VCE English Units 1 & 2 in VO, they can opt to undertake VCE Literature Unit 1 or Unit 2. VCE English is compulsory for all VCE students.
ENGLISH A (ENG091)

PREREQUISITES AND / OR RELEVANT BACKGROUND: Year 8 English

UNIT DESCRIPTION: Students are encouraged to think clearly and critically and through class discussion, impromptu and prepared speeches and debates, to communicate their thoughts logically and persuasively. The writing process enables students to clarify and crystallise their ideas, emotions and values together with necessary skill development. This is presented in a writing folio. Through the study of novels, poetry, film and newspapers students extend their understanding of how texts function and interpret a wide variety of themes and issues.

Estimated Levy for 2017 is $16.00

ENGLISH B (ENG092)

PREREQUISITES AND / OR RELEVANT BACKGROUND: English A or Year 8 English

UNIT DESCRIPTION: English B further enhances skills and competencies developed in English A through the study of texts, novels, film, poetry and newspapers with a continuing emphasis on language development. The student’s ability to communicate effectively using a variety of forms is extended in their writing folio and oral presentations. Their understanding of the way language is used to position readers is developed.

Estimated Levy for 2017 is $16.00

ENGLISH C (ENG101)

PREREQUISITES AND / OR RELEVANT BACKGROUND: English B

UNIT DESCRIPTION: English C further develops students’ critical analysis of language and ideas. They study texts such as newspaper articles, poetry, novels, film and current issues. Aural and oral skills are developed through class discussion, impromptu and prepared speeches. Students develop their ability to communicate by writing for different purposes and audiences, using drafting to polish their work. Students develop their analytical skills through the study of set texts and current media.

Estimated Levy for 2017 is $16.00

ENGLISH D (ENG102)

PREREQUISITES AND / OR RELEVANT BACKGROUND: English C

UNIT DESCRIPTION: English D further develops students’ critical analysis of language and ideas. Students study texts such as newspaper articles, poetry, novels and film and current issues. Aural and oral skills are developed through class discussion, impromptu and prepared speeches and debates. Students further develop their ability to communicate by writing for different purposes and audiences, using drafting to polish their work, presenting it in a writing folio. Students develop their analytical skills through the study of set texts and current media.

Estimated Levy for 2017 is $16.00
LITERATURE (LITVO1)

PREREQUISITES AND / OR RELEVANT BACKGROUND: High achievement in English or an interest in studying Literature.

UNIT DESCRIPTION: Semester 1 Literature is an extension of English and is an excellent option for advanced students or those wishing to develop critical reading skills essential for VCE English success. Literature offers students a chance to engage with challenging and enjoyable novels, plays, short-stories and poetry from a variety of classical and modern contexts. Students learn to differentiate between styles, genres and literary movements. Writing, close-reading and comprehension skills are specifically refined through careful discussion, close analysis and activities designed to enhance student performance.

Estimated Levy for 2017 is $16.00

Text & Cost:
- Merchant of Venice (Shakespeare) ISBN 9780198328674 $13.95
- Pride & Prejudice (Austen) ISBN 9780141439518 $9.95

LITERATURE (LITVO2)

PREREQUISITES AND / OR RELEVANT BACKGROUND: High achievement in English or an interest in studying Literature.

UNIT DESCRIPTION: Semester 2 Literature focuses on the comparison between text type and form and is an extension of English suitable for students wishing to refine their writing and analysis skills in preparation for VCE English. Students are provided with a variety of texts from both classical and modern settings; they must draw comparison between three set short stories, and they further study how meaning is constructed in their set film production. This unit focuses on the specific development of students’ analytical and critical thinking skills. Writing, close-reading and comprehension is augmented and refined through careful discussion, close analysis and activities designed to enhance student performance; this is particularly relevant to students wishing to further develop the skills required for VCE English.

Estimated Levy for 2017 is $16.00

Text & Cost:
- The Great Gatsby (F Scott Fitzgerald) $15.00

LITERATURE (LITVO3)

PREREQUISITES AND / OR RELEVANT BACKGROUND: High achievement in English an interest in the study of Literature.

UNIT DESCRIPTION: This subject runs in Semester 1. Students focus on the ways in which the interaction between text and reader creates meaning; their analyses of the features and conventions of texts help them develop increasingly refined responses to a range of literary forms and styles. Students respond critically, creatively and reflectively to the ideas and concerns of texts and gain insights into how texts function as representations of human experience. The close study of text informs students’ ability to respond with accuracy, complexity and sophistication in their written and verbal responses.

Estimated Levy for 2017 is $16.00

Set Texts:
- 1984 (George Orwell) (Estimated $14)
- The Murders in the Rue Morgue, The Purloined Letter. (Edgar Allan Poe) (Class set)

LITERATURE (LITVO4)

PREREQUISITES AND/OR RELEVANT BACKGROUND: High achievement in English an interest in the study of

UNIT DESCRIPTION: This subject runs in semester 2. Students focus on the interrelationships between the text, readers and their social and cultural contexts. Students reflect upon their own backgrounds and experience in developing responses to texts from a past era and/or another culture. Students explore the text to understand its point of view and what it reflects or comments on. They identify the language and the representations in the text that reflect the period or culture, its ideas and concepts. Students develop an understanding that contextual meaning is already implicitly or explicitly inscribed in a text and that textual details and structures can be scrutinised to illustrate its significance. They examine and reflect on how the reader’s interpretation is influenced by what they bring to the text. Students develop the ability to analyse language closely, recognising that words have historical and cultural import. Literature.

Estimated Levy for 2017 is $16.00

Set Texts:
- A Midsummer Night’s Dream. (William Shakespeare) (Estimated $14)
- The Darkness John Keats Ode to a Nightingale. (Lord Byron) (copies provided by school)
The Arts Domain

**The Arts Year 9 subjects** are aimed at students who want to explore an interest in The Arts but do not have sophisticated skills or knowledge of the subject. In addition to this, students who want to fulfil The Arts Domain requirement of one subject in The Arts should choose Year 9 over a Year 10 subject.

**The Arts Year 10 subjects** are aimed at students who have completed a Year 9 subject in either the Visual Arts or Performing Arts and want to explore an interest in The Arts and have some skills, interest or knowledge of the subject. In addition to this, students who want to continue a pathway in The Arts are advised to choose a Year 10 subject followed by Advanced Year 10.

**The Arts Advanced Year 10 subjects** will be aimed at students who want to obtain sophisticated skills and knowledge, are inquisitive about the subject and want to learn more or want to increase their skills and knowledge, with a view to studying The Arts in VCE. Students studying Advanced Year 10 subjects are encouraged to have studied the previous Year 10 unit and will need the skills obtained in this class to fully understand what is expected of them in the Advanced Year 10 units.

### THE ARTS SUBJECT SEQUENCE

#### Performing Arts

**MUSIC**
- Year 9 Music
- Year 10 Music
- Advanced Yr 10 Music

**DRAMA & THEATRE STUDIES**
- Year 9 Drama & Theatre Studies
- Year 10 Drama & Theatre Studies
- Advanced Yr 10 Drama & Theatre Studies

**DANCE**
- Year 9 Dance
- Year 10 Dance
- Advanced Yr 10 Dance

#### Visual Arts

**VISUAL COMMUNICATION & DESIGN**
- Year 9 Visual Communication & Design
- Year 10 Visual Communication & Design
- Advanced Yr 10 Visual Communication & Design

**MEDIA ARTS**
- Year 9 Media Arts – Film TV & Animation
- Year 10 Media Arts – Film & Narrative
- Advanced Yr 10 Media Arts Production & Society

**ART**
- Year 9 Art
- Year 10 Art
- Advanced Year 10 Art

**PHOTOGRAPHY**
- Year 9 Photography
- Year 10 Photography
YEAR 9 DANCE (DAN09)

PREREQUISITES AND/OR RELEVANT BACKGROUND: A genuine interest in dance with a willingness to explore new ways of moving and ideas about dance.

UNIT DESCRIPTION: Students are provided with a broad introduction to dance theory, including compositional elements, safe dance practices, anatomy and dance history. The concept of expressive intention is explored by looking at current issues in society. Physical skills are explored and students are taught a learnt dance, with a view to developing an eye for detail and performance skills.

TOPICS COVERED:
Group Piece Practical Task
Dancers Body Information Pamphlet
Duo’s Composition Task and Written Assessment

Estimated Levy for 2017 is $20.00

YEAR 10 DANCE (DAN10)

PREREQUISITES AND/OR RELEVANT BACKGROUND: Students must complete either Year 9 Dance or be enrolled in and attending dance classes outside of the college.

UNIT DESCRIPTION: Students examine children’s entertainment and how this can be related to dance performances for children. Considering dance forms, they prepare at least one performance for a younger audience. The teaching of dance to young children is also briefly examined. Physical skills will be developed in technique classes with a view to expanding movement vocabulary.

TOPICS COVERED:
Group Piece Practical Task
DVD Written Analysis, Dance Terminology and Theory
Teaching Children’s Dance

Estimated Levy for 2017 is $20.00

ADVANCED YEAR 10 DANCE (DANA0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: Students must complete Year 10 Dance or be enrolled in and attending dance classes outside of the college.

UNIT DESCRIPTION: Students explore the purpose of dance, dance styles, recording dance and cultural influences as starting points for composition. Students also look at dance today and the issues dancers face. A variety of movement vocabularies are explored, with a view to broadening personal movement vocabulary. A dance piece is also prepared for public exhibition.

TOPICS COVERED:
The History of Dance Assessment Task
Choreography Assessment Task (Group Piece)
Solo Political Piece and Written Assessment

Estimated Levy for 2017 is $20.00
YEAR 9 DRAMA (DRA09)

UNIT DESCRIPTION: This course focuses on the creation and performance of characters and stories in naturalistic and non-naturalistic ways. Students draw on a range of stimulus material and play-making techniques to develop and present devised work and interpret scripts. Students also explore a range of performance styles and conventions, dramatic elements and stagecraft. They use performance and expressive skills to explore and develop role and character using both naturalism and non-naturalism. Students analyse the development of their own work and performances by other drama practitioners.

TOPICS COVERED:
- Theatrical Style Workshops
- Playbuilding Tasks

ASSESSMENT
Journal, Performance Review and Ensemble Creation.

Estimated Levy for 2017 is $20.00

YEAR 10 DRAMA & THEATRE STUDIES (DRA10)

UNIT DESCRIPTION: In Theatre Studies students interpret playscripts and produce theatre for audiences. Through practical and theoretical engagement with playscripts from the pre-modern era to the present day, students gain an insight into the history and rich possibilities of playscript based theatrical production and develop understanding and appreciation of the role and place of the practitioner in theatre. The study covers roles in theatre practice including actor, director, designer, theatre technologist and theatre administrator / manager. Students apply stagecraft to collaboratively and individually interpret playscripts and their theatrical possibilities.

TOPICS COVERED:
Workshops on Stagecraft Areas;
Acting, Directing, Design: Sound, Lighting, Hair & Makeup, Costume, Set, Props, Promotion and Marketing
Play Reading and Analysis

ASSESSMENT:
Folio, Scene Interpretation and Monologue Performance.

Estimated Levy for 2017 is $20.00

YEAR 10 DRAMA PERFORMANCE (DRAA0)

UNIT DESCRIPTION: Expanding on the principles of VO Drama and/or Theatre Studies, students will collaborate a compulsory performance for an audience. Applying skills of stagecraft and performance, students will rehearse and perform at the end of a unit chosen devised or scripted performance.

TOPICS COVERED:
- Cold Reading Activities
- Audition Process
- Character Analysis

ASSESSMENT:
Journal, Character Development and Roles in Performance.

Estimated Levy for 2017 is $20.00
YEAR 9 MUSIC (MSC09)

PREREQUISITES AND / OR RELEVANT BACKGROUND: A genuine interest in music and a willingness to develop skills.

UNIT DESCRIPTION: Year 9 Music is aimed at students who may wish to explore an interest in Music but do not have sophisticated skills or knowledge from private music tuition. Year 9 Music students expand their knowledge of music, studying practical music and performance, aural and written theory. They begin to develop skills in listening to, analysing and interpreting music and perform in a number of self-directed ensembles. Students who want to fulfill The Arts Domain requirement for VO may choose this subject over Year 10 Music.

TOPICS COVERED:
Written Theory: Develop and expand knowledge and recognition of Musical Elements
Contemporary Research Assignment: Students display an understanding of music from the past and present
Aural Theory: Identify and recognize chords, intervals and rhythmic / melodic patterns. Dictate rhythmic and melodic patterns
Practical Skills via Performance: Students will learn the solo and/or group performance of a variety of musical styles

Estimated Levy for 2017 is $20.00

YEAR 10 MUSIC (MSC10)

Year 10 Music is aimed at students who wish to go to the next level. This subject will cater for Year 9 and 10 students who wish to be introduced to the many practical, theory and historical contexts of Music. Students who choose this subject are recommended to follow the pathway from Year 9 Music, Year 10 Music, Advanced Year 10 Music into VCE Music Performance or VET / VCE Certificate III in Music.

PREREQUISITES AND / OR RELEVANT BACKGROUND: Students should have completed either Year 7 and or Year 9 Music at a minimum level Grade 1 - 2 AMEB Theory and Practical Level; or by negotiation with the Music teacher. It is recommended that students are currently learning an instrument.

UNIT DESCRIPTION: Students expand on their knowledge of music in the areas of musicianship (aural and theory), practical, historical contexts, theory and other important skills associated with music. They are to develop interpretation skills for listening and analysing music. They will perform as a soloist and as part of a group. The necessary theory at grade 1-2 AMEB will be covered.

TOPICS COVERED:
- Practical Skills via Solo & Group Performance: Students will learn the solo and/or group performance of a variety of musical styles and perform to their peers
- Written Theory: Develop and expand knowledge and recognition of Musical Elements
- Aural Identification: Identify and recognise chords, intervals and rhythmic / melodic patterns. Analyse pre-recorded music by Australian composers and develop and understanding of the expressive elements of music
- Music Styles and Genres: Students learn main characteristics about various styles and genres of music via a listening journal and implement ideas from artists on their instruments.
- Medieval Music History: Learning the origins of modern music, importance of liturgical music through history and conventional styles of music notation

Estimated Levy for 2017 is $20.00

ADVANCED YEAR 10 MUSIC (MSCA0)

Year 10 Music for students who wish to increase their music skills and knowledge developed in previous Music subjects with a view to studying this subject at VCE level and beyond.

PREREQUISITES AND / OR RELEVANT BACKGROUND: Students should have completed Year 9 Music and Year 10 Music and are at a minimum level Grade 2 AMEB Theory and Practical Level; or by negotiation with the Music teacher. Students must currently be learning an instrument.

UNIT DESCRIPTION: Students expand on their knowledge of music in the areas of musicianship (aural and theory), practical, historical contexts, theory and other important skills associated with music. They are to develop interpretation skills for listening and analysing music. They will perform as a soloist and as part of a group. The necessary theory at grade 2-3 AMEB will be covered.

TOPICS COVERED:
- Practical Skills via Solo & Group Performance: Students will learn the solo and/or group performance of a variety of musical styles and perform to their peers and in concert
- Written Theory: Develop and expand knowledge and recognition of Musical Elements
- Aural Identification: Identify and recognise chords, intervals and rhythmic / melodic patterns. Analyse pre-recorded music by Australian composers and develop and understanding of the expressive elements of music
- Blues & Jazz Music History: Students develop and understanding and historical context of the development of Blues and Jazz music through written and practical activities on instruments
- Computer Music Composition and Arrangement: Learning to use music technology software and hardware to record, manipulate and refine music ideas

Estimated Levy for 2017 is $20.00
YEAR 9 VISUAL COMMUNICATION & DESIGN (VCN09)

PREREQUISITES AND/OR RELEVANT BACKGROUND: General drawing skills.

UNIT DESCRIPTION: This unit is designed to enable students to appreciate different ways by which Design may be used to communicate information. It also enables students to develop the ability to produce design based products. Students are also encouraged to further develop and consolidate the drawing and rendering techniques.

TOPICS COVERED:
- Design Elements & Principles
- Basic System Drawing
- Observational Drawing
- Expressive Lettering
- Design History
- Adobe Photoshop & Illustrator skills

Estimated Levy for 2017 is $40.00

YEAR 10 VISUAL COMMUNICATION & DESIGN (VCN10)

PREREQUISITES AND/OR RELEVANT BACKGROUND: Year 9 Visual Communication & Design, Competency in general drawing.

UNIT DESCRIPTION: This unit is designed to encourage students to extend and develop their drawing techniques. Students learn to solve problems of how to represent and communicate information using the design principles and systems. Students are encouraged to be creative and explore a variety of ideas when resolving a design problem through to a finished product.

TOPICS COVERED:
- Systems Drawing & Dimensioning
- Design History
- Typography
- Adobe Photoshop / Illustrator Skills & Presentation
- Observational Drawing
- Design Process

Estimated Levy for 2017 is $40.00

ADVANCED YEAR 10 VISUAL COMMUNICATION & DESIGN (VCNA0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: Year 10 Visual Communication & Design, Competency in drawing skills

UNIT DESCRIPTION: This unit encourages students to explore and develop ideas to meet the needs of a specific client and audience. Students solve problems in a creative and conventional way using techniques and skills using from manual & Adobe software applications. They also explore how designers use the design process to complete a design brief.

TOPICS COVERED:
- Observational Drawing
- Design History
- Adobe Photoshop / Illustrator Skills & Presentation
- Typography
- Design Elements & Principles
- Architectural Design
- Design Process
- Systems Drawing & Dimensioning

Estimated Levy for 2017 is $40.00

YEAR 9 ART (ART09)

PREREQUISITES AND OR RELEVANT BACKGROUND: A genuine interest in Art and a willingness to develop skills.

UNIT DESCRIPTION: This unit aims to build upon the student’s knowledge of art. Through practical experience students acquire an understanding of technical skills, conceptual ideas and aesthetic aspects of functional and non-functional art. Student will plan and make art that should communicate their ideas in a creative and original way using the design process. Students will learn the language of visual arts which enables them to describe and respond to works of art.

TOPICS COVERED:
- Painting
- Drawing
- Printmaking
- Surrealism Practical & Written Assessment

Estimated Levy for 2017 is $40.00
YEAR 10 ART (ART10)

PREREQUISITES AND OR RELEVANT BACKGROUND: Year 9 Art

UNIT DESCRIPTION: This unit aims to build upon the student’s knowledge of art. Students will be encouraged to show self-direction with their art by choosing a relevant aspect of Australian culture and presenting it in a creative and imaginative way while using the design process. This course focuses upon producing works which show an individual way of working and reflects the student’s interest in such areas as the Australian environment, religion, politics and our landscape. Students will learn the language of visual arts which enables them to describe and respond to works of art.

TOPICS COVERED WILL INCLUDE:
- Drawing
- Painting
- Street Art
- Theory – Street Art
- History of Still Life

Estimated Levy for 2017 is $40.00

ADVANCED YEAR 10 ART (ARTA0)

PREREQUISITES AND OR RELEVANT BACKGROUND: Year 10 Art

UNIT DESCRIPTION: This unit aims to ready students for VCE Unit 1 Studio Arts. Students will demonstrate self-direction by choosing a relevant aspect culture and presenting it in their own style while using the design process. The course focuses upon producing works which show an individual way of working and reflects the student’s own. Students will learn the language of visual arts which enables them to describe and respond to works of art.

TOPICS COVERED WILL INCLUDE:
- Drawing
- Painting
- Installation Art
- Performance Art
- Contemporary Art written assessment

Estimated Levy for 2017 is $40.00

YEAR 9 PHOTOGRAPHY (PHT09)

PREREQUISITES AND OR RELEVANT BACKGROUND: A genuine interest in photography and a willingness to develop skills.

UNIT DESCRIPTION: This unit will introduce students to the basics of photography. The focus of this subject will relate to two areas of study: black & white photography and digital photography. Students will be encouraged to show self-direction by choosing subject matter and will be assessed on information recorded in their journal and final printed photographs.


Estimated Levy for 2017 is $40.00

YEAR 10 PHOTOGRAPHY (PHT10)

PREREQUISITES AND OR RELEVANT BACKGROUND: Year 9 Photography

UNIT DESCRIPTION: This unit will provide students with advanced skills in photography. The focus of this subject will relate to two areas of study: Dark room practices and digital photography. Students will be shown advanced skills in the darkroom to follow on from skills learned in Year 9 Photography. Students will also spend time refining their skills using Adobe Photoshop. Students will show self-direction by choosing subject matter and will be assessed on information recorded in their journal and final printed photographs.

TOPICS COVERED: Black & White Photography, Darkroom Practices, Composition, Digital Photography, Adobe Photoshop, History of Photography written task

Estimated Levy for 2017 is $40.00
YEAR 9 MEDIA ARTS - FILM, TELEVISION & ANIMATION (MED09)

UNIT DESCRIPTION: This course is designed to introduce students to media production and influences with a particular emphasis on film, television an animation. Students will develop grounding practical skills using filming equipment, develop an understanding of the production process and roles involved in the construction of media texts. This course will also explore and analyse media ownership in Australia and media influences on audiences with a particular focus on bias in news and current affairs.

The focus of this subject will relate to three main areas:
Representations: How various ethnic, socio-economic and cultural groups are represented in various news programs and the effect that these representations have on how audiences perceive these groups.
Media production process: Students develop an understanding of the process of production of Media texts from pre-production to post production and explore various specialist roles within the production process.
Media Production: Students develop production skills following planning documents to Shoot and edit two media products.

ASSESSMENT:
Students will complete a scene analysis and various production tasks in video and/or animation to demonstrate an understanding of the production process and acquired skills of production and text construction including storyboarding, principle photography and editing. Students will also complete a task enhancing their ability to engage in analysis of media influence.

Estimated Levy for 2017 is $40.00

YEAR 10 MEDIA ARTS: FILM & NARRATIVE (MED10)

UNIT DESCRIPTION: This course aims to further develop student’s skills in media production with a greater emphasis on choices in construction and use of codes and conventions to achieve a desired representation. Students are introduced to narrative film analysis, examining production and story elements as well as narrative organisation and structure. Students will also explore and respond to a social value or discourse such as gun usage in America and how values related to this discourse are reflected in a range of media texts, analysing representations trends and differences across different media forms.

The focus of this subject will relate to three main areas:
Representations: How a social value is represented across various media texts and the relationship between these media representations and social opinions over time.
Media production process: Students develop their media production skills creating various planning documents such as storyboards and scripts and follow the key stages of production to create a finished product.
Media Production: Students continue to develop their production skills making careful considerations in planning to achieve a desired representation. Students expand their skills in filming and editing.

ASSESSMENT:
Students analyse a film to explore understanding of narrative and demonstrate understanding of production and story elements. Students complete 2 production tasks with a particular focus on creating narrative and structuring time. Students will also report on the representation of a social value and explore the relationship between media and society.

Estimated Levy for 2017 is $40.00

ADVANCE YEAR 10 MEDIA ARTS: PRODUCTION & SOCIETY (MEDA0)

UNIT DESCRIPTION: This course is designed to give students a broad introduction into understanding media, media industries and the relationship between media and society as will be studied in VCE Media. Through various tasks students will also further develop and refine production skills that will be essential throughout VCE media studies. Advance Year 10 Media Arts provides students with the opportunity to investigate media production techniques in any chosen form and stages and build on skills in media technology operation. Additionally students will gain insight into the persuasive and powerful abilities of the media industry. The essential nature of folio development and the role of media in society as a medium for expression of views and shaping of social standards are key advances on previous years of study in the discipline.

The focus of this subject will relate to three main areas:
Representations: Analyse and evaluate how technical and symbolic elements are manipulated in media artworks to challenge representations framed by social beliefs and values.
Media production process: Students follow the process of production with great detail Planning, structuring and designing media artworks for a range of purposes. They will develop a PDP before conducting the production and post production stages as is done in VCE media.
Media production: Students experiment with and refine their production skills in a medium of their choosing to integrate and shape the technical and symbolic elements in images, sounds and text to represent a story, purpose, meaning and style.

ASSESSMENT:
Students will complete a film analysis in which they will complete various tasks to explore and analyse the use of story and production elements. Throughout the course they will be following the production process as is done in the industry and complete a PDP and final product in a medium of their choosing to demonstrate their production skills.

Estimated Levy for 2017 is $40.00
HEALTH & PHYSICAL EDUCATION

1. Students who select Outdoor Education: Expedition Planning must first have successfully completed Introduction to Outdoor Education.

2. Students thinking about continuing their studies in VCE Physical Education are advised to select Introduction to VCE Physical Education A.

Please Note
All students are expected to complete a similar theoretical workload. The units simply offer different areas of study. There is a cost associated with all units due to the excursions that occur as part of the syllabus.

All students are expected to wear the correct College P.E. uniform during practical classes.

INTRODUCTION TO VCE PHYSICAL EDUCATION (PEDPE0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: An interest in Physical Education both Practical and Theoretical components.

UNIT DESCRIPTION: This unit examines the Skeletal, Muscular and Cardiorespiratory systems of the body. The students apply this knowledge during the units’ Training Methods” and “Energy Systems”. After studying the Components of Fitness, the course culminates in students evaluating various training methods and training sessions and their suitability to various clients.

Course breakdown: 3 periods of theory and 2 periods of practical classes

Estimated Levy for 2017 is $42.00

INTRODUCTION TO VCE HEALTH & HUMAN DEVELOPMENT (PEDHH0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: An interest in Physical Education & Health both Practical and Theoretical components.

UNIT DESCRIPTION: Students focus their learning on individualised preferences surround topics based on Personal Identity, Physical, Mental and Social Health. They describe social and cultural factors, such as family, the media, and community expectations influencing these core components. Students heavily focus on the impact social media is having in such areas. Students will develop their abilities to critique messages found on-line and be able to source credible information in the areas that concerns them the most. Students also develop understandings about how social media can be used effectively in breaking down stigmas attached to certain health related issues.

Introduction to VCE Health and Human Development is a theory based subject, there are occasionally practical classes involved, for example YOGA to compliment the Mental Health unit.

Estimated Levy for 2017 is $42.00

SPORTS EDUCATION (PEDSE0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: An interest in Physical and Sports Education.

UNIT DESCRIPTION: This unit focuses on the administrative aspect of running a sporting competition. Students are responsible for implementing and running a sporting competition. They assume the roles of umpires, scorers, coaches, reporters and committee members.

Course breakdown: 1 period of theory and 4 periods of practical classes

Estimated Levy for 2017 is $42.00

HEALTHY FUTURES (PEDHF0)

UNIT DESCRIPTION: The purpose of this unit is to focus on the development of appropriate skills and knowledge in order to provide the necessary OH & S preparation for the workplace. Students will also be required to develop their skills in applying for jobs and partaking in a mock interview. This subject is compulsory for all Year 10 students enrolled at the College.

Course breakdown: 1 double lesson per week.

Estimated Levy for 2017 is $42.00
SKILL DEVELOPMENT (PEDSK0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: Participate, compete and willing to be involved in 4 sessions of practical a week.

UNIT DESCRIPTION: This unit is aimed at developing students skills in particular sports through teacher directed sessions. Students will have engaged in sessions that demonstrate how to effectively refine their skills and assess their own and others abilities.

Course breakdown: 1 period of theory and 4 periods of practical classes.

Estimated Levy for 2017 is $42.00

SPORTS COACHING (PEDSC0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: Basic physical fitness, a willingness to participate in coaching activities, speak in front of groups and display leadership qualities.

UNIT DESCRIPTION: This unit is aimed at providing students with the skills and knowledge necessary to become a successful coach. The students examine the role of the coach and formulate their coaching philosophies and styles. The unit is based around the outcome of evaluating individual and group tactics and the skills that are employed in various games, sports and physical activities. Students will work towards achieving a competent standard with the on-line coaching module offered by the Australian Sports Commission.

Course breakdown: 3 periods of theory and 2 periods of practical classes.

Estimated Levy for 2017 is $42.00

SPORTS TRAINING (PEDST0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: Basic physical fitness and a willingness to participate in physical activity.

UNIT DESCRIPTION: This unit has a sports medicine focus. Students learn about common sporting injuries, their identification, treatment and rehabilitation. The course covers topics such as: the importance of warming up, strapping and taping, sports massage, injury rehabilitation programs and recovery techniques.

Course breakdown: 3 periods of theory and 2 periods of practical classes.

Estimated Levy for 2017 is $42.00

INTRODUCTION TO OUTDOOR EDUCATION (PEDOE0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: An interest in outdoor adventure activities and the environment.

UNIT DESCRIPTION: This unit provides students with an introduction to a variety of Outdoor Education activities, including: canoeing, orienteering, bushwalking, mountain bike riding and minimal impact camping. The major focus of the course is on the outdoor environment, outdoor adventure activities and lightweight camping, with minimal impact to the environment. Please note camp is a compulsory activity in Outdoor Education. Students must attend camp if they intend on taking the course.

The unit includes a COMPULSORY 2 day camp of hiking and canoe to allow students to practice their skills.

Estimated Levy for 2017 is $330.00 approx. (camp cost INCLUDED).

OUTDOOR EDUCATION: EXPEDITION PLANNING (PEDOB0)

PREREQUISITES AND/OR RELEVANT BACKGROUND: Introduction to Outdoor Education PEDOE0.

UNIT DESCRIPTION: This unit extends on several of the skills and principles students begin to learn in Introduction to Outdoor Education. Students begin to develop an understanding of all aspects of planning a trip, applying their knowledge to their own camp. Practical skills that students focus on are determined by the camp destination and are related to some of the aspects of trip planning. Practical skills may include, but are not limited to, rock climbing and rope skills, mountain biking, canoeing, or navigation and map reading; these skills will be tested under camp conditions.

Estimated Levy for 2017 is $400.00 approx. (camp cost INCLUDED).
LANGUAGES - (LOTE)

All LOTE units are sequential and must be taken in the order of A, B, C and D. The completion of these 4 units is a prerequisite for VCE study in LOTE. It is advised that students consult their teacher before finalising their selection.

Students who have chosen 4 LOTE Units are entitled to make application to the Deputy Principal of Learning & Teaching, Mr Greg Kluske, for credit towards the Minimum Number of Units (MNU’s) in another Domain. ie. Students studying 4 LOTE units may apply to have the Humanities requirement reduced from 3 to 2 units.

ITALIAN A (ITL091)

UNIT DESCRIPTION: Students will discover the language, history, arts and culture of Italy. They will develop and use the four macro skills (speaking, listening, writing and reading) as tools to develop their understanding of Italian language and culture and its interrelation with the world.

The following themes will be developed using the prescribed text, Ecco 2:
- Discover and compare different types of housing in Italy.
- Shopping in Italy
- Italian Unification and Independence.
- Italy’s hero of the Risorgimento, Giuseppe Garibaldi
- The fashion industry in Italy and the fashion capital, Milano.
- The famous tourist destination of Lake Como in the region of Lombardia.

Estimated Levy for 2017 is $18.00

ITALIAN B (ITL092)

UNIT DESCRIPTION: Students will need to have completed Italian A, as the language skills are progressive. They will develop and use the four macro skills (speaking, listening, writing and reading) as tools to develop their understanding of Italian language and culture and its interrelation with the world.

The following themes will be developed using the prescribed text, Ecco 2:
- Italian festivals and the Carnevale di Venezia.
- The Commedia dell’Arte and Arlecchino.
- Gondoliers in Venice.
- The ancient city of Rome.
- The meaning and importance of gestures in Italian language and culture.
- Il Giro d’Italia, a major world cycling event.
- Geographical features of Italy, the Italian peninsula, the mountains, the seas.

Estimated Levy for 2017 is $18.00
ITALIAN C (ITL101)

UNIT DESCRIPTION: Students will need to have completed Year 9 Italian and will need to have a reasonable level of Italian in all four macro skills. Students continue to discover the language, history, arts and culture of Italy. They will further develop and use the four macro skills (speaking, listening, writing and reading) as tools to develop their understanding of the Italian language and culture and its interrelation with the world.

The following themes will be developed using the prescribed text, Ecco 2:
- Learn about the popularity of Motocross in Europe.
- Discover the city of Verona, the setting of Shakespeare’s Romeo and Juliet.
- Discuss modern technology and young people in Italy.
- Find out about environmental issues in Italy.
- Discover Florence, the city of art and birthplace of the Renaissance.
- Learn about Leonardo Da Vinci, the Renaissance man.

Estimated Levy for 2017 is $18.00

ITALIAN D (ITL102)

UNIT DESCRIPTION: Students will need to have completed Italian C and will need to have a reasonable level of Italian in all four macro skills. Students continue to discover the language, history, arts and culture of Italy. They will further develop and use the four macro skills (speaking, listening, writing and reading) as tools to develop their understanding of the Italian language and culture and its interrelation with the world.

The following themes will be developed using the prescribed text, Ecco 2:
- Learn about the tourism industry in Italy.
- Discover some Italian holiday resorts.
- Find out about a modern-day Italian world-traveller.
- Discuss Italian emigration.
- Learn about Italian immigration.
- Find out about the Italian school system.
- Learn about the traditional curriculum of the Liceo Scientifico.
- Discover the famous Italians after whom Italian schools are named.

Estimated Levy for 2017 is $18.00
MATHEMATICS

The following pathways are examples of the choice students have in their study of mathematics in Years 9 and 10 and leading to VCE or VCAL.
YEAR 9 MATHEMATICS UNIT 1 (MAT091)

UNIT DESCRIPTION: This unit is aimed at catering for the needs of most students in Semester 1 of Year 9. Students who successfully complete this course would continue with Year 9 Mathematics Unit 2 (MAT092). If students are unsuccessful in this course they can enroll in Year 9 Essential Mathematics (MATF91).

TOPICS COVERED:
- Pythagoras Theorem
- Algebra: Index Laws
- Geometry: Ratio and Similarity
- Patterns and Algebra

The material focuses on working towards VELS level 9. Students need to have shown mastery at Year 8 Mathematics before enrolling in this unit.

Estimated Levy for 2017 is $18.00
Text & Cost: TBA
Calculator: TI Nspire CX CAS $204.95

YEAR 9 ESSENTIAL MATHEMATICS UNIT 1 (MATE91)

UNIT DESCRIPTION: This unit is aimed at students who experienced difficulty with Year 8 Mathematics or who have completed Year 8 Essential Mathematics and who would benefit from a practically oriented mathematics and who do not wish to continue with an algebra-based course. It leads to Year 9 Essential Mathematics Unit 2 (MATE92).

TOPICS COVERED:
- Number Skills
- Pythagoras Theorem and Trigonometry
- Transformations and similarity
- Rates, ratios, graphs and charts

Estimated Levy for 2017 is $18.00
Text & Cost: Core Skills Mathematics 9 $46.95

YEAR 9 MATHEMATICS UNIT 2 (MAT092)

UNIT DESCRIPTION: This unit is aimed at catering for most students in Year 9 Semester 2. Students completing this course will have access to all Mathematics subjects at Year 10.

TOPICS COVERED:
- Linear/Nonlinear Relations
- 2D and 3D measurement
- Trigonometry
- Rates and Simple Interest

Estimated Levy for 2017 is $18.00
Text & Cost: TBA
Calculator: TI Nspire CX CAS $204.95

YEAR 9 ESSENTIAL MATHEMATICS UNIT 2 (MATE92)

UNIT DESCRIPTION: This unit follows on from Year 9 Essential Mathematics Unit 1. Students continue to apply Mathematics to practical situations. This unit may also be taken by a student who was unable to successfully complete Year 9 Unit 1.

TOPICS COVERED:
- Measurement & Geometry
- Statistics
- Rates and Simple Interest
- Thematic based topics: selection from Overseas travel, Mathematics in Fitness and Sport, measurement in Design

The material is based mainly on VELS level 7 & 8 with some extension coming from VELS level 9. Students who have completed Year 9 Essential Mathematics Units 1 and 2 would continue on to Year 10 Essential Mathematics or Year 10 VCAL Numeracy Level 1.

Estimated Levy for 2017 is $18.00
Text & Cost: Core Skills Mathematics 9 $24.95
Calculator: TI-30XB Multiview
YEAR 10 GENERAL MATHS UNIT 1 (MATGM1)

UNIT DESCRIPTION: This course is aimed at catering for students who have successfully completed Unit 1 and 2 in Year 9 but who may have found the topics involving algebra difficult. This course will involve some algebra as required under the Victorian Curriculum but the emphasis will be on the use of technology to solve these problems rather than by hand skills. Students who take this course will have the necessary skills to study General Mathematics or Foundation Mathematics at VCE Level and VCAL Numeracy in Year 11 and 12.

TOPICS COVERED:
- Statistics and Probability- Chance
- Patterns and Algebra
- Geometric reasoning and Trigonometry
- Data representation and interpretation

Estimated Levy for 2017 is $9.00
Text & Cost: 10 & 10 A Essential Mathematics ISBN 13 978 1 107 56890 7 $ 75.95
Calculator: TI Nspire CX CAS $204.95

YEAR 10 GENERAL MATHS UNIT 2 (MATGM2)

UNIT DESCRIPTION: This course is aimed to cater for students who successfully completed General Mathematics Unit 1 or those who attempted Mathematical Methods Unit 1 but found the material beyond their grasp. The emphasis will be on the use of technology to solve algebraic problems. Students who take this course will have the necessary skills to study General Mathematics or Foundation Mathematics at VCE Level and VCAL Numeracy in Year 11 and 12.

TOPICS COVERED:
- Measurement – 3D Solids
- Money and Financial Mathematics
- Further Patterns and Algebra
- Linear and nonlinear relations

Estimated Levy for 2017 is $9.00
Text & Cost: 10 & 10 A Essential Mathematics ISBN 13 978 1 107 56890 7 $ 75.95
Calculator: TI Nspire CX CAS $204.95

YEAR 10 MATHEMATICAL METHODS UNIT 1 (MATMM1)

UNIT DESCRIPTION: This course is aimed to cater for students who successfully completed Units 1 and 2 in Year 9 and who developed good algebraic skills. The course is aimed at developing both good by hand algebraic skills as well as the use of technology where appropriate. Students who intend to study Mathematical Methods at VCE level must take this subject so students should seek career advice before electing not to take this pathway.

TOPICS COVERED:
- Linear Algebra and Coordinate Geometry
- Pythagoras and Trigonometry
- Rational and Irrational Numbers
- Index Laws and Exponential Functions

Estimated Levy for 2017 is $9.00
Text & Cost: 10 & 10 A Essential Mathematics ISBN 13 978 1 107 56890 7 $ 75.95
Calculator: TI Nspire CX CAS $204.5
YEAR 10 MATHEMATICAL METHODS UNIT 2 (MATMM2)

UNIT DESCRIPTION: This course is aimed to cater for students who successfully completed Mathematical Methods Unit 1. Students who intend to study Mathematical Methods at VCE level must take this subject so students should seek career advice before electing not to take this pathway. This may be studied in conjunction with the Mathematics Enrichment Elective.

TOPICS COVERED:
- Probability
- Quadratic Functions
- Circular Trigonometric Functions

Estimated Levy for 2017 is $9.00
Text & Cost: 10 & 10 A Essential Mathematics ISBN 13 978 1 107 56890 7 $ 75.95
Calculator: TI Nspire CX CAS $204.95

YEAR 10 ESSENTIAL MATHS A (MATE01)

UNIT DESCRIPTION: This unit is offered to students in Semester 1 of Year 10 who do not wish to proceed with Mathematics which has an algebraic basis. In 2016 they may have completed any two units of Mathematics.

TOPICS COVERED:
- Ratio and Proportion
- Consumer Mathematics
- Probability and Gambling
- Map Reading

Estimated Levy for 2017 is $18.00
Text & Cost: TBA

YEAR 10 ESSENTIAL MATHS B (MATE02)

UNIT DESCRIPTION: This unit follows on from Essential Mathematics A and leads students to VCE Foundation Mathematics or VCAL Numeracy. The emphasis continues to be on practical applications of the mathematics presented.

TOPICS COVERED:
- Measurement and Constructions
- Personal Business Mathematics
- Statistics
- Coordinate Geometry

Estimated Levy for 2017 is $18.00
Text & Cost: TBA
UNIT DESCRIPTION: This elective is offered to students in Semester 2 of Year 10, who have successfully completed Semester 1 of Mathematical Methods (Unit 1 – MATMM1) and are concurrently completing Mathematical Methods (Unit 2 – MATMM2). The course is aimed at assisting both by hand algebraic skills and technology in topics not covered in VO Mathematics. Students who intend to study Mathematical Methods and/or Specialist Mathematics at VCE level may elect to supplement their mathematical knowledge by choosing this elective.

TOPICS COVERED:
- Circular Geometry
- Logarithmic Functions
- Trigonometry
- Bi variate Data
- Problem solving

Estimated Levy for 2017 is $18.00
Text & Cost: 10 & 10 A Essential Mathematics ISBN 13 978 1 107 56890 7 $ 75.95
Calculator: TI Nspire CX CAS $204.95

EXTRA-CURRICULAR MATHEMATICAL ACTIVITIES OFFERED IN YEARS 9 AND 10 TO STUDENTS NEEDING A CHALLENGE

The Informatics Competition (February – March)
This program is offered to students in Year’s 7 to 12. Students are asked to nominate if they wish to enter the competition. The competition consists of a 1 - 2 hour test on a set day (Australia Wide) and tests the student’s ability to solve problems and think logically about problems. No prior computer knowledge or programming knowledge is required. All students receive a certificate for participating in the competition. Students who perform very well are rewarded with a Credit, Distinction or High Distinction Award.

The Mathematics Challenge (March - June)
This program is offered to students who have shown an ability and interest in mathematical problem solving. It is a three week competition run by the Australian Mathematics Trust. Students present written solutions to the problems. Their results are sent to the AMT who determine the student’s rank compared to other entrants. All students receive a certificate for their efforts. These range from Certificates of High Distinction, Credit and Participation.

The International Competitions and Assessments for Schools Mathematics Competition (August)
This competition is offered to all students in Years 7 to 12. Students are asked to nominate if they wish to enter the competition. It consists of a one and one quarter hour test on a set day (Australia wide) and tests the student’s ability to solve problems and to think logically about problems probably not encountered in the classroom. All students receive a certificate for participating in the competition. Students who perform very well are rewarded with a Credit, Distinction or High Distinction award.

University of Melbourne Mathematical Competition (May)
A two to three hour completion requiring students to complete six problem solving type questions. Competition available to all Year 7 to 12 students.

The Australian Statistics Competition (August)
This program is offered to students involved in individual year level Enrichment classes. It involves students collecting material, completing an analysis of this and presenting all findings in a power point display.
Pathways in the VO study of science are mainly dependent on interest, aspirations and abilities of students.

Points to note when making selections:
- All students must complete Science - Core A (SCI091) and Science - Core B (SCI092) compulsory units. These units include elements of all the ‘basic’ disciplines that make up Science.
- Exemption to selected students is given based on academic merit. Students who are exempted need to have achieved Distinction or High Distinction in ICAS, Big Science Competition and ANQ Chemistry.
- Students who intend to study VCE sciences should preferably have completed pre VCE Enhancement units so that they are well informed and better prepared.
GENERAL SCIENCE: CORE A (SCI091)

UNIT DESCRIPTION: Students will be introduced to the key principles and their application to everyday life. Students will have the opportunity to study three areas of science.

- **Responding**: Study endocrine and nervous system to describe regulation and coordination in plants and animals.
- **Metals and Non Metals**: Study the structure of the atom and use chemical formulae to identify ionic compounds. Study the differences between metals and non-metals.
- **Sound**: Study sound as a form of energy. Learn how sound travels as waves and how human ears detect vibrations.

*Estimated Levy for 2017 is $40.00*

GENERAL SCIENCE: CORE B (SCI092)

UNIT DESCRIPTION: This core subject is mainly designed to further enhance students’ knowledge in the key disciplines of science. The topics chosen for study cover key concepts of interest and significance affecting everyday lives. The course forms a basis on which to build further knowledge in the main disciplines of science.

- **Reaction Types**: Investigate a range of chemical reactions and learn to identify reactants and products in chemical reactions. Model chemical reactions in terms of rearrangement of atoms and describe observed reactions using word equations.
- **Heat and Electrical Energy**: This unit of work will touch upon the following concepts: temperature, energy transfer processes; radiation, convection and conduction; evaporation, melting, rate of cooling and the thermal insulation properties of materials. Students will investigate Static and Current Electricity to understand electrostatic forces and the origin and movement of electric charges. Design and build series and parallel circuits and use symbols in investigations of the components in electrical circuits.
- **Ecosystems**: Investigate the components of an ecosystem and how energy and matter flows through an ecosystem. Study how energy must be replaced to ensure that ecosystems are sustainable. Describe interactions between organisms and examine factors that affect population sizes, use pyramids of biomass to represent matter and energy transfer. Consider the impacts of human activity on ecosystems and discuss ways of protecting and managing ecosystems.

*Estimated Levy for 2017 is $40.00*

ENHANCEMENT UNITS

The aim of these units is to provide a range of experiences which will be of value to students in the future. They complete their study of the ‘big ideas’ of Science and also gain a solid grounding for the study of VCE Physics, Chemistry, Biology and Psychology.

ENHANCEMENT PHYSICS AND CHEMISTRY (PCHVO0)

UNIT DESCRIPTION: This topic is designed to offer enrichment opportunities for students with a deep-seated interest in pursuing further in-depth studies in the physical sciences (chemistry and physics). There will be an emphasis placed on individual pathways and on practical investigations in this Unit.

- **STS Investigation Task**: Students carry-out an independent investigation of a topic of their own choice, and prepare a formal scientific report of their findings.
- **Digital Electronics & Robotics**: Students investigate the use of digital electronics to solve logical problems, with a view to better understanding how computers and similar technologies work. Students investigate the use of a logic-based computer language to program robotic devices to complete a set task.
- **Bonding**: Students investigate the relationship between the physical & chemical properties of elements to their positions in the Periodic Table. Students investigate the relationship between the physical properties of a material and the nature of the chemical bonding within the material.

**Detailed Study unit**: Six detailed studies are available for selection. Students have opportunity to select one detailed study.

- **Space Science**: Students are given the opportunity to investigate independently an aspect of Space Science.
- **Cosmology**: a descriptive look at the Universe and its origins.
- **Rocketry and Newton’s Laws of motion**
- **Science fiction**: the depiction of speculative Science against the backdrop of a realistic society from the near future. The possibility exists for students to prepare their own piece of creative Science fiction writing.
- **Cosmetics**: Students investigate the chemistry of a range of everyday cosmetic products. An emphasis within this unit of work would be placed on the preparation of cosmetic products.
PREPARATORY PHYSICS AND CHEMISTRY 1 (PCHVO1)

UNIT DESCRIPTION: This Unit will provide an introduction to VCE Physics and Chemistry.

- **Chemical bonding and polymers**: An overview of atomic theory and bonding. The relationship between a material’s properties and the chemical bonds within it is investigated. Materials investigated include hydrocarbons, plastics and polymers. Construct word and symbol (formula) equations, predict the products of simple chemical reactions and investigate how chemistry can be used to produce a range of useful substances such as metals, fuels and pharmaceuticals.

- **Electromagnetic radiation**: Study about electromagnetic radiation by considering that wave motion is a transfer of energy without matter, and that waves can be transverse or longitudinal. Describe the electromagnetic spectrum that consists of a range of waves of differing energies including: gamma radiation, X-rays, ultraviolet (UV) light, visible light, infrared radiation, microwaves and radio waves. Explore how common properties of electromagnetic radiation relate to its uses and how electromagnetic radiation is used in medicine such as in the detection and treatment of cancer.

- **Light**: Light as a form of electromagnetic energy and its many associated properties. How optical effects are used to study and correct various vision defects. How optics may enable us to extend our visual capacities through a variety of optical instruments.

*Estimated Levy for 2017 is $40.00*

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PREPARATORY PHYSICS AND CHEMISTRY 2 (PCHVO2)

UNIT DESCRIPTION: This Unit will provide an introduction to and is recommended for students wishing to undertake VCE Physics / Chemistry

- **Electronics and Electrochemistry**: Students will investigate electrical circuits and the key applications of circuits. The mathematical relationship between voltage, current and resistance is investigated. A variety of DC circuit components are studied to see how they can be connected together to produce both useful and novel applications.

- **Forces and Road safety**: Explore motion, energy and Newton’s laws. Learn to use equipment to gather data and analyse everyday motions produced by the action of forces, apply Newton’s laws to predict how a balanced or an unbalanced force affects the motion of an object, use Newton’s third law to describe interactions between two objects. Compare energy changes in interactions such as car crashes, pendulums or lifting and dropping.

- **Explain Chemical Reactions**: Students will learn how to construct word and symbol (formula) equations, predict the products of different types of simple chemical reactions (such as decomposition, combination, precipitation and redox reactions) and investigate how chemistry can be used to produce a range of useful substances such as metals, fuels and pharmaceuticals. They will investigate how the factors of temperature, surface area, concentration, agitation and catalysts affect the rate of a chemical reaction.

*Estimated Levy for 2017 is $40.00*

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LIVING BIOLOGY (BILVO0)

UNIT DESCRIPTION:

- **DNA and Genetics**: Students study patterns of inheritance in living organisms with a particular emphasis on humans. Genes, chromosomes, sex determination, inherited diseases, DNA and pedigrees are all investigated.

- **Cell Structure and Function**: Investigate the relationship between specialised structures of cells. Examine how membranes contribute to survival of cells by controlling the movement of substances within cells, and between cells and their external environment.

- **Natural selection and Human Evolution**: Explore natural selection and evolution. Outline the processes involved including variation, isolation and selection, describe biodiversity as a function of evolution, and investigate changes caused by natural selection in a population as a result of specified selection pressure. Learn to relate genetic characteristics to survival and reproductive rates and evaluate and interpret evidence for evolution, including the fossil record, chemical and anatomical similarities and the geographical distribution of species.

*Estimated Levy for 2017 is $40.00*
MOLECULAR BIOLOGY (BIMVO0)

UNIT DESCRIPTION: This Unit will provide an introduction to and is recommended for any student wishing to undertake VCE Biology.

- **Macromolecules**: Major groups of organic and inorganic substances including carbohydrates, lipids, proteins, nucleic acid, water, minerals and vitamins are explored along with their role in cell structure.
- **Microbiology and Immune Response**: Develop understanding of causes of infectious disease. Learn about responses of the body to microorganisms and ways in which some diseases can be controlled. Explore how ideas of disease transmission have changed as knowledge has developed.
- **Biotechnology and Techniques**: Various modern laboratory techniques are analysed, along with the role of various biotechnologies in improving health and research.

*Estimated Levy for 2017 is $40.00*

PSYCHOLOGY IN ACTION (PSYVO0)

UNIT DESCRIPTION: This course introduces students to the nature of psychology and psychological research covering clinical forensic and sport applications. This course focuses on ‘what psychologists do’ within a number of specialist areas.

*The following topics will be covered:*

1. Psychology as a Science
2. Sports psychology, including motivation, goal setting, self confidence
3. Educational and Developmental Psychology
4. Forensic psychology

ASSESSMENT TASKS INCLUDE:

- Conducting experiments
- Analysing research studies
- Unit tests and examinations
- Writing empirical research reports
- Multimedia presentations

*Estimated Levy for 2017 is $40.00*
GUIDELINES FOR THE SELECTION OF HUMANITIES UNITS

Over the two years of Year 9 & 10, students must undertake as a minimum, at least the compulsory Australian History subject from the History Group and then the compulsory unit from the Geography Group and at least 1 Commerce/Business Unit.

Of course students can choose more than 1 unit from each subject area if they so desire.

Most units offered in the Humanities Domain do not have any prerequisites, so can be undertaken in any sequence, except for Geography.

Australian History is a compulsory unit at either Year 9 or Year 10 level. Students may select either of the Australian Histories for their compulsory subject.

AUSTRALIAN HISTORY 1 (1750-Present Day) (HISAU0)
THE MAKING OF THE MODERN WORLD

UNIT DESCRIPTION: This unit provides a study of the history of the making of the modern world from 1750 to 1918. It was a period of industrialization and rapid change in the ways people lived, worked and thought. It was an era of nationalism and imperialism, and the colonization of Australia was part of the expansion of European power. The period culminated in World War 1 1914-1918, the ‘war to end all wars’.

A framework for developing students’ historical knowledge, understanding and skills is provided by inquiry questions through the use and interpretation of sources. The key inquiry questions at this year level are:

- What were the changing features of the movements of people from 1750 to 1918?
- How did the new ideas and technological developments contribute to change in this period?
- What was the origin, development, significance and long term impact of imperialism in this period?
- What was the significance of World War 1?

Estimated Levy for 2017 is $20.00

THE MODERN WORLD AND AUSTRALIA (HISMA0)
THE MODERN WORLD AND AUSTRALIA

UNIT DESCRIPTION: This unit provides a study of the history of the modern world and Australia from 1918 to the present, with the emphasis on Australia in its global context. The twentieth century became a critical period in Australia’s social, cultural, economic and political development. The transformation of the modern world during a time of political turmoil, global conflict and international cooperation provides a necessary context for understanding Australia’s development, its place within the Asia-Pacific region, and its global standing.

A framework for developing students’ historical knowledge, understanding and skills is provided by inquiry questions through the use and interpretation of sources. The key inquiry questions at this year level are:

- How did the nature of global conflict change during the twentieth century?
- What were the consequences of World War II? How did these consequences shape the modern world?
- How was Australian society affected by other significant global events and changes in this period?

Estimated Levy for 2017 is $20.00

AMERICAN HISTORY (HISAM0)
FROM NEW WORLD TO WORLD POWER

UNIT DESCRIPTION: An overview of American history from European settlement to the present.

The following areas of study will be covered:

- American Indians
- European settlement and impact
- The War of Independence
- How the west was won and the south was lost
- From Boom to Bust in the 1920’s
- Who killed JFK?

Estimated Levy for 2017 is $20.00
GEOGRAPHY - AN INTRODUCTION (GEOIN0)

UNIT DESCRIPTION: Introduction to a number of geographic skills and concepts through units on:
- Climate
- Seasons
- Vegetation Studies – Local Area Fieldtrip
- Graphing and Mapping Skills/Atlas Skills
- Discovering Asia and Poverty

The Subject Levy for 2015 was $20.50

INTRODUCTION TO VCE GEOGRAPHY (GEOEN0)

PREREQUISITES AND / OR RELEVANT BACKGROUND: Must do Geography - An Introduction (GEOIN0)
UNIT DESCRIPTION: Introduction to VCE Geography will be primarily a content based subject to prepare students for the four units of VCE Geography. While a number of areas of this course are content based, there will also be an opportunity to develop a range of mapping and graphing skills that are also covered in VO Introduction to Geography.

The following areas of study will be covered:
- Natural Environments where the focus will be on either Coasts or Forests
- Human Environments where the focus will be on Urbanisation and the distribution of and problems caused by major urban centres around the world
- The Murray Darling Basin – the changes made since the arrival of white settlement
- Resource Management which can involve students looking at a broad range of topics such as agriculture, mining and forestry

Assessment will involve projects, research activities, skills based activities and field work.

The Subject Levy for 2017 is $20.00

ACCOUNTING (ACCVO0)

UNIT DESCRIPTION: The aim of this course is to introduce and develop the early stages of financial literacy. The course covers financial planning looking at investment, superannuation, savings, budgeting, risk and speculation. The use of computer software, Mind Your Own Business (MYOB) assists in the study of recording and reporting along with the manual process. The course is designed to equip students with necessary life skills and to also prepare students wishing to further their studies in accounting.

The following areas of study will be covered:
- Petty Cash - Cash Flow Statements - Statements of Financial Position
- Cash Books - Source Documents - Computer Based Accounting
- Financial Planning eg. Superannuation

The Subject Levy for 2017 is $20.00

ECONOMICS / BUSINESS MANAGEMENT (ECOBM0)

UNIT DESCRIPTION: VO Economics/Business Management aims to introduce students to a range of issues relating to the economy and small business management. Furthermore this course aims to assist in preparing students for VCE Economics and Business Management.

Topics covered and activities will be influenced by current economic issues and may include:
- Advertising and Marketing - Money, Credit and Budgets
- Impact of Globalisation on the Economy - Case Study of Small Australian Business
- Australia’s resources (including a survival game) - Online Share Market game and Share Market
- Current Economic Issues

The Subject Levy for 2017 is $20.00

LEGAL STUDIES (LSTVO0)

UNIT DESCRIPTION: This unit introduces students to the study of law and assists them in preparing for VCE Legal Studies. The course seeks to outline the nature, function and role of Law in Society and in particular Australia. There is a major focus on crime and criminal case studies.

The following areas of study will be covered:
- Criminal Case Analysis - Role of the Police - Criminal Law
- Role of Courts - Role of Parliament - Civil Law
- Investigating Crime and Police Powers - Introduction to Law - Human Rights
- Criminal Investigation - Parliament and the Courts as Law Makers

The Subject Levy for 2017 is $20.00

Note: Commerce / Business Units can be chosen in any order.
TECHNOLOGY

The Technology Domain allows students the flexibility to discover technology and its application in a wide and diverse range of subject areas. This allows the flexibility for students to pursue a field of study that provides for hands on application of skills in practical subjects such as Food Technology, Textiles, Wood, Materials Technology (including Timber, Metal and Plastics) and Mechanical and Electrical studies. It also allows students the opportunity to pursue study involving more of an applied problem solving approach in the area of Information Technology, particularly applicable to Web design, Games and Web Publishing.

INFORMATION TECHNOLOGY

ROBOTICS & CODING (ITYRC0)

UNIT DESCRIPTION: This subject contains two major units of study; the first being programming languages and the second being robotics. This subject is about basic electronic software and robotic systems and how they work. Students will be introduced to coding using various programming languages to create simple applications. A brief look at the history and development of computer programming languages will give students an insight into the people and events that have made possible the software that we use today. Various systems will be examined to determine their function, operation and control. The robotics unit provides students with opportunities to investigate, design, produce and evaluate autonomous systems that include computer control. Advanced Lego computer software will be used, including Mindstorm Lego robotics. Problem-solving strategies and techniques are introduced and practiced throughout the design, construction, programming, testing and evaluation phases.

Estimated Levy for 2017 is $24.00

PROGRAMMING FOR GAMES (ITYPG0)

UNIT DESCRIPTION: Programming for Game Making explores the developing field of computer and arcade game making. Through the application of several different software applications, students learn to design, develop and create their own games. Students use multiple software packages to design, produce and evaluate a number of games based on a number of criteria. They study games and gaming to investigate the make-up of a quality game. They will critically evaluate a range of pre-existing games. Students will also develop universal skills such as drafting, designing and problem solving techniques including debugging programs (checking entered programming codes for errors).

Estimated Levy for 2017 is $26.50

WEB PUBLISHING (ITYWP0)

UNIT DESCRIPTION: Web Publishing is designed for those students who have a keen interest in learning about web page design, creation and maintenance. This course aims to introduce students to web publishing programs and standards of design that are used to create sites for the World Wide Web. This subject aims to give the students an understanding of the development of the World Wide Web and the methods we use to connect to, and navigate around, it. Web Publishing Programs, such as Dream Weaver, will be explored extensively to allow students to create web sites to meet various criteria. On completion of this subject, students should be able to design and create successful web pages of varying complexities. Students will have developed skills of designing, implementing and evaluating their own sites as well as an understanding of networks.

Estimated Levy for 2017 is $20.00
FOOD TECHNOLOGY

FOOD TECHNOLOGY A (FTY091)

PREREQUISITES AND/OR RELEVANT BACKGROUND: An interest in practical cookery, hygiene and nutrition.

UNIT DESCRIPTION: This unit will enable students to develop links between food selection and healthy eating principles. Students will prepare a range of foods according to a variety of design briefs, and will further explore the Technology Process. Students will examine the importance of nutritional breakfasts, the influences of multiculturalism in our choice of foods, food labeling and nutrition, and cake making. The characteristics and properties of a range of ingredients are also investigated.

Estimated Levy for 2017 is $88.00

FOOD TECHNOLOGY B (FTY092)

PREREQUISITES AND/OR RELEVANT BACKGROUND: An interest in practical cookery, hygiene and nutrition.

UNIT DESCRIPTION: The emphasis of this unit is on how technology affects our food, and our choice of food. Students will examine production methods, packaging, distribution, media and advertising. Included in this unit will be planning, ordering and preparation of meals, microwave cookery, cake making and decorating, pastry making and entertaining.

Estimated Levy for 2017 is $88.00

FOOD TECHNOLOGY C (FTY101)

PREREQUISITES AND/OR RELEVANT BACKGROUND: An interest in practical cookery, hygiene and nutrition.

UNIT DESCRIPTION: Students begin the unit revising the health and safety requirements in the kitchen. Topic one is aimed at the students’ applying their knowledge of nutrition and health to preventing food related diseases. The emphasis is to prepare nutritious, modern, low cost, enjoyable meals. The second topic is called Best Baking. Initially, the students investigate a variety of different cooking processes related to cake and biscuit making. The students study Chocolate as a popular ingredient used in cake and biscuit making. The students then apply this knowledge by designing and preparing and evaluating their own Chocolate Creation.

Estimated Levy for 2017 is $88.00

FOOD TECHNOLOGY D (FTY102)

PREREQUISITES AND/OR RELEVANT BACKGROUND: An interest in practical cookery, hygiene and nutrition.

UNIT DESCRIPTION: Students analyse the appropriateness of using particular materials, including emerging materials for specific purposes. They prepare detailed design proposals, make products using some complex equipment and analyse the effectiveness of the products with reference to specified criteria.

Estimated Levy for 2017 is $88.00
A. TEXTILES – INTRODUCTION (TEXIN0) YEAR 9

PREREQUISITES OR RELEVANT BACKGROUND: Year 7 or 8 Textiles

UNIT DESCRIPTION: Students will develop their skills in the use of the sewing machine and overlocker. They will create a calico Enviro Bag and explore sustainability in design. Students will learn how to read a commercial pattern, learn cutting and sewing techniques and make a pair of elastic waited shorts. Students provide their own fabric for the elastic waisted shorts.

Estimated Levy for 2017 is $28.00

B. TEXTILES – CREATIVE TECHNIQUES (TEXAC0) YEAR 9

PREREQUISITES OR RELEVANT BACKGROUND: Year 7 or 8 Textiles

UNIT DESCRIPTION: Students will learn simple patchwork techniques in order to design and create a Quillow (a small quilt that folds up into a pillow). Students will use the product design process to solve problems and increase their knowledge and skills in the Textiles area. Students provide their own fabrics for this unit.

Estimated Levy for 2017 is $28.00

C. TEXTILES – FASHION DESIGN (TEXFA0) YEAR 10

PREREQUISITES OR RELEVANT BACKGROUND: Unit A or B textiles

UNIT DESCRIPTION: The Fashion Design Unit develops student’s knowledge of the history of fashion and fashion designers, fashion drawing and production of various designs. Students will explore various methods of figure illustration and develop a range of skills in garment construction to realise their designs. Using a folio format, students will use the product design process to produce a garment. Students provide their own fabric for this unit.

Estimated Levy for 2017 is $28.00

D. TEXTILES – INTRODUCTION TO DESIGN & TECHNOLOGY (TEXDS0) YEAR 10

PREREQUISITES OR RELEVANT BACKGROUND: Unit A or B textiles

UNIT DESCRIPTION: The introductory unit in Design and Technology extends students skills in design, drawing and equipment use in preparation for studying the subject in VCE. Students will use commercial patterns, along with previous knowledge and skills to define the significance of design elements and principles that apply to the world of fashion. Students will explore various methods of figure illustration including computer-aided design. Using a folio format, students will use the product design process to produce a garment. Students provide their own fabric and pattern for a garment of their choice.

Estimated Levy for 2017 is $28.00
MATERIALS TECHNOLOGY

METAL, TIMBER, PLASTIC - INTRODUCTION (MTPVO1)

UNIT DESCRIPTION: This subject gives students experience in designing and working with a variety of materials under the headings Timber, Metal and Plastics. Students gain an insight into the characteristics of different materials and how each of these can be shaped using tools and equipment. Designs for productions will be presented in isometric and orthogonal drawings. All materials needed are included in the cost. This subject requires a levy to be paid by students which will cover the cost of most materials, unless a student has any special requirements.

Estimated Levy for 2017 is $70.00

METAL, TIMBER, PLASTIC - DESIGN (MTPVO2)

PREREQUISITES: MTPVO1

UNIT DESCRIPTION: In this subject students further develop their skills in designing and working with various materials under the headings, Timber, Metal and Plastic. Students will gain expertise in the selection and safe use of tools, equipment and machines to make functional products and evaluate their effectiveness. Students use the design process for their major production article and present designs using isometric and orthographic drawing skills. This subject requires a levy to be paid by students which will cover the cost of most materials, unless a student has any special requirements.

Estimated Levy for 2017 is $70.00

INTRODUCTION TO VCE DESIGN AND TECHNOLOGY: WOOD (DTW100)

PREREQUISITES: MTPVO1 OR MTPVO2

UNIT DESCRIPTION: This unit in Design & Technology extends students skills in design, drawing and equipment use in preparation for studying the subject in VCE. Students will further extend their knowledge of the design process, researching more extensively and demonstrating knowledge at isometric and orthographic projection drawing skills. This subject requires a levy to be paid by students to cover most materials, unless a student has any special requirements.

Estimated Levy for 2017 is $70.00

MECHANICAL & ELECTRICAL SYSTEMS (MESVO0)

UNIT DESCRIPTION: This unit is an introduction to Mechanical and Electrical systems. It is aimed at providing students with a range of experiences to develop skills in basic electronics and small engine systems. Students are involved in rebuilding a small single cylinder engine and building electronic circuits from a kit. Correct tool use and safe work practice are an important component of the program.

Estimated Levy for 2017 is $70.00
VET

VOCATIONAL EDUCATION & TRAINING

A wide range of Vocational Education and Training (VET) programs are available to students undertaking Year 10 at St Joseph’s College. Students undertaking any VET course also gain a nationally recognised “Statement of Attainment”, which details the competencies they have demonstrated in their chosen VET subject(s).

 BENEFITS OF VOCATIONAL EDUCATION AND TRAINING
St Joseph’s VET programs are focused towards employment and provide additional pathways to University, TAFE, training and employment. Successful completion may provide the students with improved educational and employment opportunities because:

- VET Qualifications are nationally recognized
- Employers know that studies have included TAFE or workplace learning
- VCE students are able to use their VET subject in the calculation of their Australian Tertiary Admission Rank (ATAR) and keep Tertiary options open

*The pathways available for students who complete the program are as follows:*
THE VET PROGRAM AT ST JOSEPH’S COLLEGE

This Program at St Joseph’s College allows students who wish to undertake a VET program to be grouped together for most of their subject choices.

THE FOLLOWING ARE THE VET LIST FOR 2017:

All students should be aware that to be accepted into most of these VET Courses you must be 15 years of age at the commencement of the course (in some instances, the age limit can be negotiated). It should also be noted that by doing these VET programs it gives the students competencies towards the relevant VET in VCE and VCAL subjects.

If you wish your VET Certificate to contribute to your ATAR or VCAL program, this MUST be discussed with the VET Co-ordinator to make sure that it meets all the criteria.

Please note: all students interested in participating in a VET program will need to discuss their choices with the VET Co-coordinator before their application can be accepted.

VET – ALLIED HEALTH    VET – ANIMAL STUDIES
VET – AUTOMOTIVE    VET – AUTOMOTIVE (PAINT & PANEL)
VET – BEAUTY    VET – BUILDING & CONSTRUCTION
VET – BUSINESS    VET – COMMUNITY SERVICES
VET – ENGINEERING    VET – EQUINE
VET – FITNESS 3    VET – HAIRDRESSING
VET – PRODUCTION HORTICULTURE    VET – HOSPITALITY (KITCHEN OPERATIONS)
VET – HOSPITALITY (FRONT OF HOUSE)    VET – INFORMATION TECHNOLOGY
VET – INTEGRATED TECHNOLOGY    VET – MUSIC
VET – PLUMBING    VET – RETAIL
VET – DESIGN FUNDAMENTALS    VET – RURAL OPERATIONS

NB: This is a small selection of what is available.
If you wish to participate in a VET program, please discuss it with the VET Coordinator, Mrs Julia Lewis.

SCHOOL BASED APPRENTICESHIPS & TRAINEESHIPS (SBAT’S)

AVAILABILITY – Year 10/VCE/VCAL students

School Based Apprenticeships & Traineeships (SBAT’s) are available to all students, whether studying for their Victorian Certificate of Education (VCE) or Victorian Certificate of Applied Learning (VCAL).

Many students find that it is a good way to learn industry skills by combining on-the-job paid work with training at TAFE or school. For some programs, most of the training and assessment takes place at work and as an apprentice or trainee you will receive wages and other benefits to which employees are entitled.

Students who undertake an SBAT must have a job with an employer, but if you do not, it may be possible for the school to help you identify a suitable company who would consider employing you as an SBAT. Once an employer has been identified, students must sign a contract of training which must be registered with the Office of Training and Tertiary Education (OTTE).

School Based Apprenticeships & Traineeships (SBAT’s) are available in a wide variety of industries and include:
- Agriculture - Automotive - Business - Retail Operations
- Engineering - Hospitality - Food Processing (wine) - Horticulture
- Information Technology - Community Services

SBAT’s generally provide the same contribution to the VCE as their related VET in the VCE programs.

Please note: all students interested in participating in a School Based Apprenticeships & Traineeships will need to discuss their choices with the VET Co-coordinator before their application can be accepted.

PLEASE NOTE THAT AS VET COURSES ARE CERTIFICATED BY EXTERNAL TRAINING ORGANISATIONS AND COSTINGS ARE YET TO BE DETERMINED.
FINAL SUBJECT OFFERINGS AND LEVIES WILL BE AVAILABLE IN JANUARY 2017.

FURTHER INFORMATION ON VET PROGRAMS ARE AVAILABLE ON THE ST JOSEPH’S COLLEGE WEBSITE.
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See VET section of this booklet for basic information. See separate Vocational Education and Training (VET) Handbook for detailed course information.

**Please note that not all of the subjects listed here are guaranteed to be available locally every year. Availability can depend on demand and access to suitable providers.**

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WHAT IS THE VCAL?
The Victorian Certificate of Applied Learning (VCAL) is a hands-on option for students in Years 10, 11 and 12. The VCAL gives you practical work-related experience, as well as literacy and numeracy skills and the opportunity to build personal skills that are important for life and work. VCAL sits alongside the VCE as a recognized Year 12 certificate. The VCAL's flexibility enables you to design a study program that suits your interests and learning needs.

Fully accredited modules and units are selected for the following four compulsory strands:
- Literacy and Numeracy Skills
- Work Related Skills
- Industry Specific Skills
- Personal Development Skills

If you successfully complete a VCAL level, like your peers who complete the VCE, you will receive a certificate and a statement of results that detail the areas of study completed. You could achieve a certificate in VCAL at the end of Year 10 another at a higher level at the end of Year 11, and another at the other end of Year 12.

WHY WOULD I CHOOSE TO DO THE VCAL INSTEAD OF THE VCE?
Consider the following questions:
1. What are your Career Goals/aspirations?
2. Have you researched the pathway options?
3. Does your future plan include the need for an ATAR from completing a VCE certificate?
4. What VET Study are you interested in?
5. What kind of learner are you?
6. Do you play sport, belong to a club or have a job?
7. Are you currently employed in a casual job?
8. Are you currently completing an on the job Training qualification like Certificate II in Retail Operations?
9. What advice have you been given by the Careers Counsellor?
10. Is school interesting and fun for you?
11. Have you already completed some TAFE studies through the TAFE Taster program?
12. Would you like to improve your personal employability skills?

This certificate is recommended for those students who:
- do not wish to continue study at a tertiary institution at the completion of Year 12
- wish to gain an apprenticeship or traineeship during year 11, 12 or at the completion of studies
- wish to commence an apprenticeship or traineeship now through the School Based Apprenticeships & Traineeships program (SBAT)
- wish to explore the possibilities for their future as they remain considerably undecided about the future
- find that they struggle with the teaching and learning in traditional ways and feel they learn better
- through hands on applications.

WHAT ARE THE VCAL LEVELS?
The VCAL has three levels - Foundation, Intermediate and Senior. You would complete your VCAL at the level that matches your needs and abilities. Generally at St Joseph's College Year 10 students commence VCAL at the Foundation Level, Year 11 Students commence VCAL at the Intermediate Level while Year 12 Students commence the senior level. However this may not always be the case depending on your needs.

At the foundation level, assessment and content will:
- provide high levels of teacher support and assistance (e.g. step by step approaches)
- link to familiar and everyday contexts (for the student) that lead to transferable knowledge and skills development

At the intermediate level, assessment and content will:
- provide some teacher support and assistance but students will be expected to demonstrate independent learning and study skills (e.g. tasks will provide project guidelines that are not step by step)
- link existing skills and experience (of students) to unfamiliar and challenging contexts

At the senior level, assessment and content will:
- provide opportunities to work as independent learners with teacher support and assistance available on request
- (e.g. by allowing students to conceptualise and plan task outcomes with a fair degree of autonomy)
- link to complex tasks that require integration and application of a range of knowledge and skills (specialised technical skills, literacy skills and communications skills) to problem solving and abstract contexts