LEVEL 3  YEARS 9/10
ACCELERATION PROGRAM

2016

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Please note: This booklet is available thru the Student Management Tool in the Student and Parent portal and on our website – www.rsc.vic.edu.
LEVEL 3 (Year 9/10)

Acceleration Course Structure

The following subjects are available to Level 3 Acceleration Students in 2016. The course is a core/elective structure.

Core Subjects:

All students will study the following units.

- Accelerated English
- Accelerated Mathematics
- Accelerated Humanities
- Accelerated Science
- Accelerated Japanese
- Health and Physical Education
- Learning 4 Living

These courses are comprised of two sequential semester units. Students are reminded that, in their fourth year, they will be free to choose widely from the elective list as well as from VCE courses.

Elective Subjects

Students will be able to choose one elective each semester from the following lists.

THE ARTS.

- Art (ART10)
- Media (MED10)
- Dance A (DAA10)
- Dance B (DAB10)
- Drama B (DRB10)
- Music Performance B (MPB10)
- Studio Art (STA10)
- Visual Communication Design (VCA10)
- Visual Communication Design (VCB10)
- Drama A (DRA10)
- Music Performance A (MPA10)

HEALTH AND P.E.

- P.E.A Performance in Sport (PEA10)
- P.E.C Fitness (PEC10)
- Marine Rescue (RES10)
- P.E.B Women in Sport (PEB10)
- Outdoor and Environmental (OES10)

TECHNOLOGY

- Catering (CAT10)
- Fashion and Clothing A (FCA10)
- Product Design & Technology [Wood](PDT10)
- Multimedia and Internet (MAI10)
- Advanced Data Processing (ADP10)
- Fashion and Clothing B (FCB10)
- Systems (SYT10)
- Introduction to Hospitality (HOS10)
LEARNING 4 LIVING

CORE PROGRAM

Year 9 Learning 4 Living   LLA09 & LLB09

The program is designed to provide an academically rigorous subject that centres on:-
   a) developing student-teacher-parent relationships
   b) improving student connectedness with the school
   c) engaging the students in their learning
   d) providing relevant curriculum for students
   e) developing students as independent learners.
   f) developing group and cooperative learning
   g) developing health/fitness and self confidence

Learning 4 Living is a six period subject, where the six periods will all occur on the one day. This will enable excursions, guest speakers and other activities to take place without impacting on other classes and students. A team of three staff will work with approximately 50 students for that day.

The curriculum is centred around the following units:-
1. Health and Fitness. Students are involved in an extensive fitness program with the help of ‘Active Lifestyle Specialists”. The unit also covers drug education, sex education, relationships and care of life programs.
2. Me, myself and I. The theme of this unit centres on learning about oneself and relationships with others. Students will be encouraged to recognise and accept individual differences. They will celebrate the good things about themselves. Students will be required to take calculated risks as part of their personal and social development.
3. Thinking Globally. The theme of this unit will enable students to develop an understanding of where they fit in the world. Having an acceptance of other cultures, religions, customs and lifestyles is paramount to functioning successfully in this global community.
4. Money, money, money. This theme will require students to take studies in the areas of finance, stock market, smart saving, smart earning and smart spending.
5. In the Community. This theme will require students to work in teams while undertaking a community project and class research activities.

All units will be assessed through projects, presentations, a student workbook and digital portfolio.

The Learning 4 Living program will incur a cost of $100 ($50 per semester, in line with other elective subjects). The cost covers numerous excursions, guest speakers and equipment used during the course.

The City Experience day trip and overnight camp also form a part of this program. This is integrated with the curriculum from English, Humanities, Maths and Science.

The City Experience camp incurs a separate cost, as explained in the previous page of this booklet.

Central Australia Camp
The opportunity to attend this camp in Term Four is an elective part of the Year 9 course.
In Year 9 an integral part of the integrated curriculum program involves a “City Experience Camp”. This is a compulsory part of the curriculum and is designed to engage students in activities which are formalised as grades on their December reports.

The aims of the experience are:-

- For students to engage in school work by experiential learning
- To know and safely use various forms of public transport
- To investigate and present research assignments to teachers and families
- To view and experience various cultures, professions and activities
- For students to become familiar with commuting between the Peninsula and Melbourne
- For an enhanced experience of the city by experiencing Melbourne at night in a supervised activity or visit.

The camp will take place in Term Two and Three. It will be spread over Four days. Day One is an information day held at school. On day Two students will commute to the city and return to Rosebud, completing an amazing race style activity in small groups. On day Three students will travel to the city and stay overnight, returning at the end of Day Four.

During the camp students will complete major self-directed projects which will then be assessed by the class teachers of English, Humanities, Science, Maths and Health and Physical Education.

The students will work and move around in the city in small groups. These groups will be worked out in conjunction with the class English teacher. The groups will have a nominated mobile phone to carry with them at all times during the day/s. Teachers on the camp will contact groups during the day on a number of occasions via a mobile phone and speak to all members. The students will also be given a list of contact numbers and a map prior to the camp. During the evening and night activity students will be under the direct supervision of the camp teachers.

The cost of the camp will be around $100.00. A deposit will be required by the end of Term One. It can then be paid off over the following weeks.
LEVEL 3 ACCELERATED ENGLISH
ENAX and ENBX

SEMESTER 1: THEMES AND RESPONSES

TEXT STUDY
The texts for Semester One are *The Curious Incident of the Dog in the Night-Time* and *To Kill a Mockingbird*. There are TWO assessment tasks, which are:

- Analytical response – a formally drafted essay completed as an open book test. Comprehension questions and an essay plan are suggested as preparatory work.
- Creative response – examples may be a play, diary entry, poetry, a letter, a newspaper article, imaginative essay on the theme, etc.

PERSUASIVE ASPECT OF FILM
The film to be studied in 2016 is “The Black Balloon”, which deals with the same broad themes as covered in Text Study (above). Also to be used as optional thematic material in this course is the following documentary available on video:- ”Mississippi Burning”.

WRITING FOLIO
Students are to complete at least TWO pieces of essay writing in the Personal and Creative styles. The content and length of these pieces may be negotiated with the teacher, but it is expected that these pieces will be drafted, developed, and researched both in the classroom and at home.

SEMESTER 2: TEXT AND ISSUES ANALYSIS

ROMEO AND JULIET
Each student will read and produce a range of written responses relating to Shakespeare’s play, “Romeo and Juliet”. Emphasis will also be given to reading of speeches in order to further extend the students’ understanding and enjoyment of the play, while a group production of specific Acts/Scenes will also be undertaken. Specific tasks to be assessed include:

- An analytical essay
- A thematic response
- Play readings and speeches
- Group production

ISSUES AND CLEAR THINKING
Each student will complete exercises involving the introduction of the study of issues and the media. This will include analytical responses to current affairs issues, such as the analysis of THREE letters to the editor, plus at least TWO general exercises relating to the comprehension of newsworthy material.

ONE argumentative/persuasive essay on a current affairs topic will also be completed, with the teacher helping in the development of the appropriate skills.
The following clear thinking terms will be defined and discussed through analysis of topical news items, as well as handouts, discussion sheets and practice exercises: facts and opinion, generalisations, assumption, contention, argument, evidence, relevancy, rationalisation, statistics, authority, bias, contradiction, and elements of persuasive language such as imagery, emotional language, analogy, pun and rhetorical questions.

All of the above will be discussed in relation to the nature of the media presentation of issues, choosing relevant and interesting newspaper and magazine coverage of these topical issues. Familiarisation with the format of newspapers will also form part of the introduction to issues analysis. Resources include:
“Herald Sun”, “The Age” and local newspapers
“Senior English Skills Builder”

WRITING FOLIO
This component of the course will suit students who wish to take their writing craft further and who may see professional writing as a possible career either in journalism or fiction writing of short stories or novels. The Professional Writing Process will be studied in relation to:
- Writing styles
- Genre
- Fiction/Non Fiction

Elements of Professional Publication will cover:
- The production of non-fiction student writing. These publications may include student newspapers, newsletters, letters to the editor and web pages.
- The production of a fictional student publication, which may include a collection of short stories.

All students will be expected to keep an up to date logbook of all fiction and non-fiction pieces during the development of individual writing.

WIDE READING
Students are expected to read TWO novels of their own choice, and submit a detailed written book report on each, the structure and focus of which will be at the teacher’s discretion.

CITY EXPERIENCE
As with all other Year 9 students, this group will be expected to attend a city experience camp, which forms a key part of student assessment in English, Maths, Humanities and Science. This assessment will be:
- Personal reflective piece
- Group research task
- Group presentation to parents, teachers and peers
HPE9
Unit Description

In this unit students aim to further develop previously learnt physical and social skills. Students will develop advanced knowledge in the various activities undertaken. Students will be required to participate in decision making and problem solving. Lessons will be utilised to develop and consolidate on physical skills and movements. Problem solving, risk taking, communication and team work skills will be an important focus in various activities. Various teaching and learning techniques will be employed throughout the unit. Teacher/peer coaching, peer assessment, problem solving, questioning, SEPEP (Sport education in physical education program), teacher assessment, self assessment and evaluations will be used. Students will also be required to take a component of a lesson (peer teaching) to develop confidence and communication skills.

Through all lessons students are required to behave appropriately with all individuals and team members. They are also required to be dressed in the correct P.E. uniform. Physical education is unique in that students interact in a social environment on a consistent basis.

SPORTS COVERED

Athletics
Cricket
Netball
Basketball
Football
Volleyball
Cross Country

Assessment  Skill development; Participation and Fitness
ACCELERATED HUMANITIES
HUMAX and HUMBX

Unit Description
Humanities comprise the VELS/AUS VELS domains of Geography, Economics, History and Civics and Citizenship.

What will I learn?
Students are exposed to material from all units that come from the domains listed above. Some content within the domains are negotiated with their teacher. Topics can include:-
- Creating a shares portfolio and playing the ASX share market game.
- The causes and impact of disasters in the world.
- An investigation of coastal geography.
- Knowledge of the Australian political and legal systems.
- The use of current events material that may bring together historical, economic, geographical, political and environmental issues.
- Australian Federation, WW1, Gallipoli and the ANZAC legend.

How will I learn?
Students will have the opportunity to learn through a wide range of individual and group activities in class such as analysing documentaries and/or films, participating in class discussion, extended writing activities, ICT research, developing hypotheses as well as:-
- Using mapping and graphing techniques to present visual data.
- Developing the ability to analyse and interpret a wide variety of historical evidence such as photographs, letters, documents, diary entries and film.
- Planning, organising and delivering oral presentations and using learning technologies such as power point to address an audience.
- Use the Internet and newspapers and other current affairs materials to form judgements, express opinions and make critical decisions affecting the society in which they live and to complete research activities.
- Undertake a number of excursions to complete individual research.

How will I benefit from this subject and where does it lead?
This subject concentrates on developing the following skills and competencies in students which enable them to adapt to a wide range of life and work experiences in the future:-
- collecting, analysing, and organising information
- communicating ideas and presenting information in various formats.
- developing independence as a learner by planning, organising activities and developing time management and interpersonal skills.
- working with others to achieve shared goals and teamwork skills.
- learning to develop and apply problem solving strategies.
This subject will enable students to confidently select VCE subjects such as, Geography, Environmental Science, History, Accounting, Business Management and Legal Studies.

Assessment
The following work requirements are to be submitted regularly:-
- Organised Work Book
- Practical Reports (using visual data and ICT formats)
- Document Analysis and Reviews
- Individual Research Investigations
- Oral Presentations
- Essays and Posters
ACCELERATED LANGUAGE

Japanese A
Subject Code: JAAX
Cost: approx $10*

Unit Description:
In this unit of Japanese students will, both orally and in written form, study topics such as: holidays and activities, school and study and shopping. Further Japanese Kanji, grammar and vocabulary, based on conversational Japanese, will be introduced within these topics.

Assessment: Speaking, Reading, Writing and Listening Tasks and Exam

Japanese B
Subject Code: JABX
Cost: approx $10*

Unit Description:
This unit aims to further expand and consolidate the student's ability to listen, speak, read and write in Japanese, in preparation for undertaking VCE Japanese. Topics covered include: daily routine, letters to a pen friend and exchanging presents. Further Kanji will also be introduced.

Assessment: Speaking, Reading, Writing and Listening Tasks and Exam

*Subject costs ratified by College Council in Term Four
ACCELERATED MATHEMATICS

Subject Code: MAAX and MABX

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

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

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

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

Assessment: Assignments, topic tests, homework, projects, problem solving tasks and semester examinations.

*Subject costs ratified by College Council in Term Four*
ACCELERATED SCIENCE

Subject Code: SCIAX

Cost: approx $17*

Unit Description:

This is a core subject in which students will study topics from each strand of the Sciences: Physical, Biological, Chemical and Earth Sciences. Students will investigate these strands with an emphasis on practical investigations and creative assessment tasks.

The Physical world will be investigated with a theme of flight as the backdrop. Newtonian Physics will be a starting point, examining the forces and motion involved in flight and how these principles equally apply to flighted animals. Energy transformations and conservation will link with later work in Chemistry. Biological Sciences will develop from flight in insects, birds and mammals and broaden out to include studies of inheritance and evolution. Further elements of genetic studies will include gene modification and other biotechnologies.

Chemical Sciences will build from forensic studies to cover chemical reactions and organic chemistry. Fuel chemistry and combustion will link back to the flight theme. Students will also study atomic structure and bonding. Examining how brain function is affected by drugs and endorphins will open up into further studies of Psychology. Earth Sciences will include studies of the biosphere, biomes and climate change.

Assessment:

*Subject costs ratified by College Council in Term Four
The Arts: Year 10

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

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

Assessment: Visual Diary, Folio, Art Appreciation Tasks and Exam

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

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

Assessment: Visual Diary, Folio, Art Appreciation Tasks and Exam

Year 10 Unit Title: Dance A and B
Subject Code: DAA10 and DAB10
Cost: approx $0* (each semester)

Unit Description
Students will study the technique and performance of a range of dance styles, with particular focus on contemporary dance. Students will learn to develop their own technique, choreographic and performance skills. They will learn group dance routines and perform these for assessment.

Assessment: Assessment is by a mixture of theoretical exercises, practical assignments and Exam.

*Subject costs ratified by College Council in Term Four
The Arts: Year 10

Year 10 Unit Title: Drama A and B
Subject Code: DRA10 and DRB10
Cost: approx $0* (each semester)

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

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

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

Year 10 Unit Title: Media
Subject Code: MED10
Cost: approx $30*

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

Assessment: Visual Diary, Folio, Art Appreciation Tasks and Exam.

*Subject costs ratified by College Council in Term Four
The Arts: Year 10

Year 10 Unit Title: Visual Communication Design A
Subject Code: VCA10
Cost: approx $30*

Unit Description:
In this unit students will develop an understanding of the production and interpretation of a range of visual communications and drawing systems. It involves a study and application of freehand drawing, instrumental drawing, ICT and rendering. It also provides an opportunity to develop skills in the design process whilst investigating a variety of techniques and mediums.

Assessment: Visual Diary, Folio, Appreciation Tasks and Exam

Year 10 Unit Title: Visual Communication Design B
Subject Code: VCB10
Cost: approx $30*

Unit Description:
In this unit students will develop similar skills as VCDA, however different tasks will be completed. It will also develop an understanding of the production and interpretation of a range of visual communications and drawing systems. It involves a study and application of freehand drawing, instrumental drawing, ICT and rendering. It also provides an opportunity to develop skills in the design process whilst investigating a variety of techniques and mediums.

Assessment: Visual Diary, Folio, Appreciation Tasks and Exam

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

Year 10 Unit Title: Music Performance A and B
Subject Code: MPA10 and MPB10 (each semester)
Cost: approx $10*

Unit Description:
These units are designed as an essential preparation for VCE Music Units 1 and 2. In these units students work to develop and refine their practical performing skills in small groups and as soloists. They explore and analyse the elements of a wide variety of styles. They develop and define their aural comprehension skills and the use of appropriate musical technology. They also explore practical applications of music theory to create improvisations and effective arrangements for their performances.

Assessment: Theory, Performance, Skills, Assignment and Exam

*Subject costs ratified by College Council in Term Four
Year 10 Unit Title: PE: A Performance in Sport
Subject Code: PEA10
Cost: approx $50*

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

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

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

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

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

*Subject costs ratified by College Council in Term Four
HEALTH and P.E.
Year 10

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

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

Assessment: Assignment, Topic Tests, Game Analysis. Participation in a training
program and different training methods, and Exam.

Year 10 Unit Title: Marine Rescue
Subject Code: RES10
Cost: approx $100*

Unit Description:
This advanced marine training program will prepare students for completion of the Vic
Roads – Boat License and will also satisfy the requirements for safety boat crew
participation at local sailing clubs. It will include both theoretical and practical training
in competent boat handling, safety and rescue, first aid, radio and communications,
coastal navigation, nautical engineering and co-operation with other emergency rescue
services. The course will promote engagement in volunteer rescue organisations. The
program can also be considered as an opportunity to prepare for a wide range of
careers associated with boating activities in tourism, transport, fishing and the
recreation industry. Some theory training will be conducted at school but most of the
course will be conducted at the Sorrento Sailing Couta Boat Club. The course may entail
weekend activities both on land and sea.

Assessment: Topic Tests, Research Reports, Workbook, Practical Reports Boat License
Test and Exam

*Subject costs ratified by College Council in Term Four
HEALTH and P.E.

Year 10

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

Year 10 Unit Title: Outdoor and Environmental Studies  
Subject Code: OES10  
Cost: approx. $450* per semester

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

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

Experiential Learning Programs (Overnight Camps) include:
Semester 1 – Marine and Coastal environment focus.
- An aquatic based Adventure & Recreational Experience Program on the coast of Victoria.
- A Bushwalk Journey in a managed National Park.

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

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

*Subject costs ratified by College Council in Term Four
Year 10 Unit Title: Catering  
Subject Code: CAT10  
Cost: approx $85* (food costs)

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

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

Year 10 Unit Title: Introduction to Hospitality (Catering B)  
Subject Code: HOS10  
Cost: approx $85* (food costs)

Unit Description:
Introduction to Hospitality will give students the opportunity to explore many aspects of the Hospitality Industry. They will be given opportunities for hands on experience in using commercial equipment and to participate in at least one compulsory catering opportunity. Production work will be important and will emphasise serving food of a professional standard and manner. Topics include: Food safety, basic skills and techniques, commercial equipment, coffee making, making food suitable for functions, comparing catering suppliers to ‘freshly’ made fare, planning and catering for functions. This unit is complementary to Year 10 Catering. It is recommended that students complete both Catering and Intro to Hospitality to go onto VET Hospitality and/or Food Technology.

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

*Subject costs ratified by College Council in Term Four
Year 10 Unit Title: Advanced Data Processing  
Subject Code: ADP10  
Cost: approx $20*  

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

Assessment: Investigation Task, Research and Portfolio and Exam

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

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

Assessment: Production, Research Report, Investigation and Exam  

*Subject costs ratified by College Council in Term Four
Year 10 Unit Title: Systems Technology
Subject Code: SYT10
Cost: approx $55*

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

Assessment: Design Folio and Production and Exam

Year 10 Unit Title: Product Design and Technology (Wood)
Subject Code: PDT10
Cost: approx $65*

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

Assessment: Design folio/Production and Exam.

*Subject costs ratified by College Council in Term Four
Year 10 Unit Title: Fashion and Clothing A  
Subject Code: FCA10  
Cost: approx $50* one item only  

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

Assessment: Design Folio, Production and Exam

Year 10 Unit Title: Fashion and Clothing B  
Subject Code: FCB10  
Cost: approx $50* one item only  

Unit Description:  
This unit is undertaken in second semester and is an extension of Fashion and Clothing A.

Please note students will be required to purchase fabrics and patterns for Fashion and Clothing A and B

*Subject costs ratified by College Council in Term Four