

MELBA COLLEGE

Year 10

Elective Handbook



2019

INTRODUCTION

Year 10 is an exciting and challenging year. It is the beginning of your journey through the Senior School and an introduction to the rigours of VCE and VCAL courses. Some of you may even choose enhancement subjects in 2019 and experience a taste of VCE.

There are also many co-curricular opportunities available to Year 10 students in 2019 including the rewarding Advance and Beacon Programs. Year 10 students will participate in a Careers Program, culminating in a Work Experience Program.

The pages that follow will outline the course structure for Year 10 in 2019. A page summary of the subjects offered is included as well as the course selection process.

YEAR 10 CURRICULUM 2019

At Year 10 students complete a total of 8 subjects per semester. The curriculum at Year 10 in 2019 is divided into three sections:

- *Core*
- *Mandatory*
- *Optional (Electives)*

- **The Core Subjects:**
 - English or English as an Additional Language (EAL)
 - Maths
 - My Career My Future
 - Physical Education

All students will participate in My Career My Future and Physical Education Units for one period a week for the duration of the year.

Mandatory and Optional Subjects will operate with 3 periods per week and will be blocked based upon student choice.

1. The Mandatory Subjects

Students **must** select:

- English or English as an Additional Language in each Semester
- A Maths subject in each Semester
- Science - Every student will study 'Natural Science' in either Semester 1 or 2. (Students may select additional Science subjects)
- Humanities – Every student will study Humanities in either Semester 1 or Semester 2. (Students may select additional Humanities subjects)
- Arts/ Technology- Every student will study either an Arts (performing or visual) or Technology subject in either Semester 1 or Semester 2. (Students may select additional Arts/ Technology subjects)

2. Optional Subjects - Electives

Optional subjects can be selected from the following Learning Areas:

- Science
- Humanities
- The Arts
- Technology
- Languages

(If selected, **Languages** must be studied in both Semester 1 and Semester 2)

- Health and Physical Education

(Advance Program - There is also an application and interview process)

Subject	Semester Requirements
English	
English	Both Semesters 1 & 2

English as an Additional Language	Semester Requirements
English as an Additional Language	Both Semesters 1 & 2

Mathematics	Semester Requirements
Mathematics	Both Semesters 1 & 2

Science	Semester Requirements
Natural Science (Mandatory)	Either Semester 1 or 2
Psychology in Action	Either semester 1 or 2
Chemistry	Either Semester 1 or 2
Physics: Rockets and Construction	Either Semester 1 or 2
Biology	Either Semester 1 or 2

Languages	Semester Requirements
German	Both Semesters 1 & 2

Humanities	Semester Requirements
Humanities (Mandatory)	Either Semester 1 or 2
My Career, My Future (Core)	Both Semesters 1 & 2
Laws the Courts and Our Rights	Either Semester 1 or 2
Taking Care of Business	Either Semester 1 or 2

Technology	Semester Requirements
Product Design & Technology- Wood	Either Semester 1 or 2
Product Design & Technology- Textiles	Either Semester 1 or 2
Computing	Either Semester 1 or 2
Food Studies	Either Semester 1 or 2

Health and Physical Education	Semester Requirements
PE, Sport & Recreation	Either Semester 1 or 2
Get Active, Get Healthy	Either Semester 1 or 2
Advance Program	Either Semester 1 or 2
Health	Either Semester 1 or 2

Arts- Visual and Performing.	Semester Requirements
Art	Either Semester 1 or 2
Drama	Either Semester 1 or 2
Dance	Either Semester 1 or 2
Photography	Either Semester 1 or 2
Media	Either Semester 1 or 2
Music Performance	Either Semester 1 or 2
Visual Communication & Design	Either Semester 1 or 2

MY CAREER, MY FUTURE - CORE

My Career, My Future is compulsory for all Year 10 students for the whole year

Subject Outline:

Students will prepare for work experience by completing the Safe@Work modules and workshops. Students will take part in a work experience placement during term two after successfully submitting all necessary paperwork.

Students will complete a number of personal investigations based on Career pathways (to assist in subject selections for Year 11) and create a 'Career Folio' that may include information on personal skills, resume, career action plan, personal interest inventory.

Students will also attend a number of excursions (University Future options days and Career Expos) and take part in The Beacon Foundation 'Speed Careers' and 'Mock interviews'.

Areas of Study:

1. Self-Development
2. Career Exploration
3. Career Management

Assessment Tasks:

1. Safe@Work modules/work experience documentation
2. Personal Career investigations
3. Career folio

There is no exam for this subject

VIC Curriculum Standards (Level 10):

Personal Learning:

- Developing Pathways

Communication:

- Listening, viewing and responding
- Presenting

Materials Cost per Student:

There are no charges for this subject.

ENGLISH – MANDATORY

This subject is Mandatory in Semester 1 and 2

Subject Outline:

In this subject, students will read texts of literary merit and create analytical and creative responses to them. They will also compare the presentation of ideas, issues and themes in selected texts. Students will analyse arguments and the use of persuasive language in texts and create their own written, spoken and multimodal texts.

Areas of Study:

1. Reading and creating texts
2. Reading and comparing texts
3. Analysing and presenting argument

Assessment Tasks:

1. An extended analytical essay on a set text
2. A creative response to a set text in written form
3. A comparative analytical essay on two set texts
4. An analysis of the use of argument and persuasive language in media text/s
5. An oral presentation of a point of view on a current issue
6. End of Semester Examination

VIC Curriculum Standards (Level 10):

English:

- Reading and Viewing
- Writing
- Speaking and Listening

Resources Required:

Texts to be advised.

Materials Cost per Student:

There are no charges for this subject.

ENGLISH as an ADDITIONAL LANGUAGE- MANDATORY

This subject is mandatory in Semesters 1 and 2 for all EAL students

Subject Outline:

This unit aims to introduce students to a variety of texts to develop both their analytical and creative skills. Students will also explore the use of persuasive language in texts and create their own texts intended to position audiences.

Areas of Study:

1. Reading and Creating Texts
2. Reading and Comparing Texts
3. Analysing and Presenting Argument
4. Listening to Texts

Assessment Tasks:

1. Analytical essay on a selected text
2. Creative response to a text
3. Comparative response to texts
4. Analysis of the use of persuasive language
5. Oral Presentation
6. End of Semester Examination

VIC Curriculum Standards (Level 10):

English:

- Reading and Viewing
- Writing
- Speaking and Listening

Resources Required:

Collins Cobuild Learners' Dictionary
Other texts to be advised.

Materials Cost per Student:

There are no charges for this subject.

MATHEMATICS - MANDATORY

Mathematics is Mandatory in both Semesters 1 and 2

Subject Outline

The study of Maths is divided into the study of the following dimensions drawn from the Victorian Curriculum Learning Standards. These are as follows:

Areas of Study

1. Measurement and Geometry
2. Number and Algebra
3. Statistics and Probability

Topics:

1. Linear and Non-Linear relationships (interpretation and application)
2. Area and Volume (calculation and application)
3. Angles and Shapes (finding angles and relationships)
4. Consumer Arithmetic (percentages, interest and payments)
5. Risks and Gambling (probability in life and games)
6. Data Representation and Interpretation (statistics in life and the media)

Assessment Tasks

1. Topic Tests
2. Investigations and Projects
3. Bound Reference
4. End of Semester Examination

Victorian Curriculum Standards

- Measurement and Geometry
- Number and Algebra
- Statistics and Probability

Resources Required:

Two notebooks

One book suitable for a Bound Reference (hardcover recommended)

Scientific calculator

BYO Device

Materials Cost per Student:

There are no additional charges for this subject

NATURAL SCIENCE – MANDATORY

This subject is mandatory and must be completed in Semester 1 if students are undertaking Biology, Chemistry or Physics.

Subject Outline:

The Natural Sciences are the part of human knowledge that deals with understanding the natural world around us. People are curious about living things and how they interact. We use various materials and reactions between chemicals. For generations people have investigated matter, movement and energy. As a result, we have a much better understanding of our planet and its place in space.

Areas of Study:

1. Biology: inheritance of characteristics, DNA, genes and the theory of evolution.
2. Chemistry: the structure of atoms, how to use the Periodic Table and different types of chemical reactions.
3. Physics, the motion of objects, energy transfers and energy transformations.
4. Earth and Space Science:
 - Global Systems, including the carbon cycle.
 - Galaxies, stars, solar systems and the Big Bang theory.

Assessment Tasks are selected from:

1. Experiments
2. Reports
3. Projects
4. Tests
5. Presentations
6. End of Semester Examination

Victorian Curriculum Standards (Level 10):

Science Inquiry

- Science as Human Endeavour
- Science Understanding: Biology, Chemistry, Physics, Earth and Space Science
- Science Inquiry Skills
- Ethics
- Critical and Creative Thinking

Resources Required:

BYO Device

Pearson Science 10 printed or iBook version (please see booklist)

Materials Costs per Student:

There are no additional charges for this subject.

CHEMISTRY- SCIENCE ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Students will investigate a range of chemical reactions that people find useful, such as combustion (fire) and the chemical reactions in batteries. Students also learn about useful materials, such as metals, glass, acids, ceramics and soap. They use atomic symbols and balanced chemical equations to summarise chemical reactions. Many of these topics include practical activities.

Areas of Study:

1. Investigation of chemical reactions, how fast they go, the energy they give off and what useful things they make
2. Investigation of the behaviour and properties of materials in terms of the particles that make them up and the forces holding them together
3. Using atomic symbols and balanced chemical equations to summarise chemical reactions

Assessment Tasks:

1. A series of reports on investigations
2. A series of tests
3. A report on a student designed investigation
4. End of Semester Examination

Victorian Curriculum Standards (Levels 9 - 10):

- Science as Human Endeavour
- Science Understanding: Chemical Sciences
- Science Inquiry Skills
- Ethics
- Critical and Creative Thinking

Resources Required:

BYO Device

Materials Cost per Student:

There are no additional charges for this subject.

PHYSICS: ROCKETS and CONSTRUCTION- SCIENCE ELECTIVE

Available in Semester 1 or 2

Subject Outline:

This subject is a physics-themed subject in which students will investigate:

- a) The science of construction, including building bridges and towers. Students are involved in analysing, constructing and testing their designs.
- b) The science of space, including rocketry, an introduction to orbital analysis and the possibilities of extra-terrestrial colonisation and contact. Students, working in small groups, will construct and launch their own rockets.

Areas of Study:

1. Building and Analysing Bridges and Towers
2. Rocketry (force, speed and acceleration) and Orbit (types and trajectories)
3. Space and Humanity

Assessment Tasks:

1. Completion of Folios of classwork, research, project work and practical reports
2. Tests
3. End of Semester Examination

Victorian Curriculum Standards (Levels 9 - 10):

- Science as Human Endeavour
- Science Understanding: Physical Science, Earth and Space Science
- Science Inquiry Skills
- Critical and Creative Thinking

Resources Required:

iPad

\$5 iTunes voucher for application purchase

Year 10 assigned textbook

Materials Cost per Student:

\$10 – Rocket Kit – for participation in rocket construction and launch activity

BIOLOGY- SCIENCE ELECTIVE

Available in Semester 1 or 2

Subject Outline:

This unit offers a study of the huge variety of living things that inhabit the earth. Students choose from the topics offered, but the focus is on the how living things solve the problems of finding food, escaping predators, finding a mate and surviving. The biotechnology topic focuses on how people use living things to produce useful products, such as food or medicine. New aspects of biotechnology include genetic testing and genetic modification. The marine biology topic is focusses on life in the oceans and how fish and other creatures adapt to life in the sea.

Topics will be chosen from:

- Anatomy (Body Systems of Mammals)
- Ancient Humans
- Animal Behaviour
- Biotechnology
- Food Chains
- Marine biology (fish, sharks, whales, crabs and prawns, squid)
- Microbes (Bacteria, Yeast, Viruses, Protista)

Assessment Tasks (selected from):

1. Practical activities, field work and dissections
2. Reports
3. Tests
4. Live or multimedia presentations
5. End of Semester Examination

Victorian Curriculum Standards (Levels 9 - 10):

- Science as Human Endeavour
- Science Understanding: Biological Sciences
- Science Inquiry Skills
- Ethics
- Critical and Creative Thinking

Resources Required:

BYO Device.

Materials Costs per Student:

There are no additional charges for this subject.

PSYCHOLOGY IN ACTION- SCIENCE ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Psychology in action is a vocational look at Psychology including an introduction to research and a choice of focus from Sport Psychology, Clinical Psychology, Forensic Psychology and Educational Psychology. The content will be directed by the interest of the students, but will focus on what Psychologists do.

Areas of Study:

1. Research Methods Overview
2. Sport Psychology
3. Clinical Psychology
4. Forensic Psychology
5. Educational and Developmental Psychology

Assessment Tasks:

1. Tests
2. Multimedia Presentations
3. Research Investigation
4. End of Semester Examination

Victorian Curriculum Standards (9 - 10):

- Science as a Human Endeavour
- Science Inquiry
- Ethics
- Critical and Creative Thinking

Resources Required:

Textbook as specified in the booklist.

Material Costs per Student:

There are no additional charges for this subject.

PHYSICAL EDUCATION - CORE

Physical Education is compulsory for all Year 10 students in both Semester 1 and 2

Subject Outline:

In Physical Education, students develop proficiency in a range of high-level movement and manipulative skills, and focus on identifying and implementing ways of improving the quality of their performance during games, physical activities and sports. They may be introduced to new sports, games or activities which will require them to learn new skills or adapt previously learnt skills in a new context.

Students have a choice of 5 strands in Physical Education. They are:

- Between the Posts
- Swish Spike Slam Dunk
- Boxercise and Fitness
- Hit and Miss (Bats & Sticks)
- Hit and Miss (Racquets)

Students will get the choice of two strands, which they will study for a semester duration. Students cannot choose the same strand twice.

Areas of Study:

1. Components of Fitness
2. Applying Tactical and Practice Strategies in Sport

Assessment Tasks:

1. Participation and Effort
2. Peer Teach or PE Assignment

Victorian Curriculum Standards (Level 10):

- Movement and Physical Activity

Resources Required:

Uniform- Correct sport uniform and suitable footwear.

Materials Cost per student:

This subject may involve excursions and incursions. Students will be charged accordingly for each activity.

P.E., SPORT AND RECREATION- PHYSICAL EDUCATION ELECTIVE

Available in Semester 1 or 2

Subject Outline:

This elective is designed with a focus on enhancing participation in physical activity. Students will engage in a variety of different sports focusing on team play that will challenge them physically. This elective will increase students' knowledge of how to train the body and give the tools to perform at a higher level.

Topics may include:

Semester 1:

Body Systems
Physical Activity & Participation
The Body's Response to Exercise
Basketball/Netball
Badminton
Cycling
Rugby
Self Defence

Semester 2:

Fitness
Skill Acquisition
Energy Systems
Hockey
Soccer
Tennis
Lacrosse
Yoga and Pilates

Assessment Tasks:

1. Participation, skill and effort in practical classes
2. Tests
3. Laboratory work
4. End of Semester Examination

Victorian Curriculum Standards (Level 10):

- Movement and Physical Activity
- Health Knowledge and Promotion

Resources Required:

Uniform- Correct sport uniform and suitable footwear.

Materials Cost per Student:

This subject involves excursions and incursions. Students will be charged accordingly for each activity.

GET ACTIVE, GET HEALTHY- PHYSICAL EDUCATION ELECTIVE

Available in Semester 1 or 2

Subject Outline:

This elective is designed with a focus on enhancing participation in physical activity. Students will engage in a variety of different sports and leisure activities all focussed at creating strong bodies as well as a theoretical component which complements the physical aspect of the unit. This elective aims to improve body confidence and give students the tools to be able to adopt a healthy and active lifestyle.

Topics may include:

- Fitness
- Muscle Toning
- Walking
- Boxercise
- Netball
- Football
- Coaching
- Nutrition
- National Physical Activity Guidelines

Assessment Tasks:

1. Coaching Magazine Article
2. National Physical Activity Guidelines Test
3. Nutrition Case Study
4. End of Semester Examination

Victorian Curriculum Standards (Level 10):

- Health and Physical Education
- Movement and Physical Activity
- Health Knowledge and Promotion
- Interpersonal Development:
 - Building Social Relationships
 - Working in Teams

Resources Required:

Uniform- Correct sport uniform and suitable footwear.

Materials Cost per Student:

This subject involves excursions and incursions and will be charged as they occur.

HEALTH- HEALTH ELECTIVE

Available in Semester 1 or 2

Subject Outline:

This elective is designed with a focus on preparing students for VCE units 1 and 2 Health and Human Development. It has a focus on widening a student perspective on health and wellbeing and the different dimensions and investigating key aspects which affect Australia's health status. Students will become familiar with key nutrients and food selection models that help encourage Australia's youth to make healthier eating choices. Students will compare and contrast Australia's health to that of different countries around the world, gaining a greater understanding of global health.

Topics May Include:

- What is health and wellbeing
- Issues associated with Health status
- Individual Human Development
- Nutrition
- Global Health

Assessment Tasks:

1. Tests
2. Multimedia Presentations
3. End of Semester Examination

Victorian Curriculum Standards (Level 10):

- Examine the impact of changes and transitions on relationships
- Health Knowledge and Promotion
- Accessibility and effectiveness of support services based in the community that impact on the ability to make healthy and safe choices
- Interpersonal development to critique behaviours and the possible outcomes on health and wellbeing on individuals and communities
- Evaluate health information from a range of sources and apply to health decisions and situations

Resources Required:

BYO Device.

Material Costs per student:

There are no additional charges for this subject

ADVANCE PROGRAM- HEALTH & PHYSICAL EDUCATION ELECTIVE

Available in Semester 1 or 2

Please note that entry into this program is not guaranteed and is based on a written application and interview.

Subject Outline:

Advance is a State Government sponsored youth program. The aim of the program is to develop personal skills including leadership, teamwork, self-esteem and good citizenship in young people through a partnership between a community group, schools and the wider community. This is achieved through a compulsory camps program, teamwork activities and voluntary work in the community.

Areas of Study:

1. Community
2. Communication
3. Project Management

Assessment Tasks:

1. Peer teach and activity organization
2. Participation in compulsory camps program
3. Voluntary hours and community involvement

Victorian Curriculum Standards (Level 10)

- Interpersonal Development
- Building social relationships
- Working in teams
- Movement and Physical Activity

Resources Required:

NA

Material Cost per Student

Approximately \$100 (based on 2018 cost).

HISTORY- HUMANITIES ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Students will develop an understanding of the history of the modern world and Australia in the first half of the twentieth century through an investigation of Australia's participation in World War II. They will examine the causes, events, outcome and broader impact of the conflict as an episode in world history as well as the nature of Australia's involvement. The experiences of Australians will be a particular focus, including those in the Pacific War and on the home front. In the second component of this course, students will build their geographical knowledge and understanding by exploring the environmental functions that support all life, the major challenges to their sustainability and the worldviews that influence how people respond to these challenges. Students will investigate a specific type of environment and environmental change in Australia. They will develop an understanding of the causes and consequences of this change and evaluate strategies to manage it in ways that will ensure our future wellbeing. Students will undertake fieldwork as part of this investigation.

Areas of Study:

1. Second World War (1939-1945)
2. Environmental Change and Management

Assessment Tasks:

1. Essay
2. Creative Task
3. Fieldwork Report
4. End of Semester Examination

Victorian Curriculum Standards (Level 10):

- Historical Knowledge and Understanding
- Historical Skills

Resources Required:

Texts to be advised.

Materials Cost per Student:

There are no additional charges for this subject

GEOGRAPHY- HUMANITIES ELECTIVE

Available in Semester 1 or 2

Subject Outline:

In this subject, students consider what are the changes, and the future implications of changes, to places and environments. Students investigate environmental geography, examining environmental change and the factors that influence it. Students focus on investigating global, national and local differences in human wellbeing between places. Students examine the different concepts and measures of human wellbeing and spatial differences in wellbeing. They explore programs designed to reduce the gap between differences in wellbeing.

Areas of Study:

1. Changes to the Australian environment
2. Understanding Human Wellbeing

Assessment Tasks:

1. Geographical Inquiry: developing an environmental management plan.
2. Fieldwork Inquiry: human wellbeing in the local area
3. End of Semester Examination

Victorian Curriculum Standards (Level 10):

- Environmental change and management
- Geographies of human well-being

Resources Required:

Texts to be advised.

Materials Cost per Student:

There will be a small excursion cost - to be advised at a later stage.

LAW, THE COURTS AND OUR RIGHTS- HUMANITIES ELECTIVE

Available Semester 1 or 2

Subject Outline:

This subject explores the two main areas of law in our society: criminal and civil law and the way these laws protect us and help us interact with others. A study relating to the different courts and how these courts deal with different cases is undertaken. Students also investigate the rights and responsibilities of young people, including police powers. They participate in a mock trial from a given crime scenario and a visit to the Magistrates' Court is undertaken as part of Area of Study 4. Guest speakers from the Judiciary and the legal profession are also a component of this course.

Areas of Study:

1. Criminal Law: A study into the way laws aim to protect people from actions that are harmful and the punishments that result from laws when they are broken.
2. A Duty of Care: A case study exploring the law of negligence and how it protects people in the community.
3. Am I Old Enough: An investigation into your rights and responsibilities.
4. Being Judicious: Courts, evidence and procedure.

Assessment Tasks:

1. Test on the courts
2. Research task on changes in the law
3. Extended response on capital punishment
4. End of Semester Examination

Victorian Curriculum Standards (Level 10)

Civics and Citizenship:

- Civic Knowledge and understanding
- Community Engagement

Resources Required:

Texts to be advised.

Materials Cost per Student:

There are no additional charges for this subject.

TAKING CARE OF BUSINESS- HUMANITIES ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Over the last thirty years, advances in communication, transport media and trade have created a global village with commercial activity of one kind or another touching our everyday lives. The aim of this subject is to inspire students to develop an interest in the world of economics and business. The subject will introduce concepts from the VCE courses of Economics, Business Management and Accounting, providing students with an entry point for these subjects.

Areas of Study:

1. The World of Business – An Introduction to the Australian Economy
2. Getting Started in Business – Making Decisions
3. Up & Running – Managing a Small Business Enterprise

Assessment Tasks:

1. Economics and You – Research Task on an Issue in Economics
2. Getting Started - A detailed assignment to create a business plan for a new business venture.
3. Up & Running - A complex assignment outlining a marketing and advertising strategy for a small business concept or product
4. Test on Financial Reports and Business Transactions
5. End of Semester Examination

Victorian Curriculum Standards (Level 10)

Humanities:

- Economic knowledge & understanding
- Economic reasoning & interpretation

Civics and Citizenship:

- Community engagement

Resources Required:

None

Material Cost per Student:

There are no additional charges for this subject:

LANGUAGES – GERMAN

Semester 1 and 2 consecutively

Subject Outline:

This is an intermediate course in German language skills with a focus on grammatical structures and cultural aspects in preparation for VCE studies.

Students must take this course for both semesters.

Areas of Study:

Semester 1

1. Self ID / Family and Free time
2. House / Home Life, Work/Pocket Money

Semester 2

1. Tourism / City Life
2. Eco-tourism and Environment

Assessment Tasks

One each of the following to be completed per semester:

1. Writing Task; such as emails, letters, diaries or articles
2. Speaking Task; such as conversation, role-plays or interviews
3. Listening and Reading Tasks; responses in English and German based on texts
4. End of Semester Examination

Victorian Curriculum Standards (Level 10)

- Communicating in a LOTE
- Intercultural knowledge and language awareness

Resources Required:

German for OCR – please refer to the book list for more information.

Material Cost per Student:

There are no additional charges for this subject

FOOD STUDIES- TECHNOLOGY ELECTIVE

Available in Semester 1 or 2

Subject Outline:

This elective provides students with valuable life skills in food preparation, an understanding of food safety laws and a large insight on sustainability. The subject empowers young people to take control of their food choices and therefore their future health, wellbeing and environmental impact. Students will be gaining an understanding of how their individual food choices affect the environment and ways they can be more sustainable in day to day life.

The aims of this course are to extend student knowledge in food OH&S, nutrition and sustainability. Students then apply this information in design plans that involve planning food for the sustainable needs of the environment. Students understanding of complex food production processes are extended during practical sessions conducted throughout the semester.

Areas of Study:

1. Food safety and food handling
2. Science of foods in the cooking process
3. Sustainability
4. The digestive system

Assessment Tasks:

1. Food Safety Summary assessment
2. Sustainability design brief
3. Participation and OH&S
4. End of Semester Examination

Victorian Curriculum Standards (Level 10):

- Health and Physical Education
- Design and Technology
- Interpersonal Development
- Personal Learning

Resources Required:

A4 64 page lined writing book, ipad or BYO device and correct stationary.

Material Cost per Student

Approximately \$75 (based on 2018 cost). Students add value to materials to produce a product(s) that they can take home.

COMPUTING- TECHNOLOGY ELECTIVE

Available in Semester 1 or 2

Subject Outline:

In this subject students investigate a wide range of ICT practices. They learn about business related applications like Excel, Access and Word. They learn to build a dynamic functioning website using a content management system and they learn to analyse and represent large data sets to create visualisations. Students are introduced to common web languages and use the skills they acquire to make, in collaboration with a group, a small web application (otherwise known as an “App”). This subject is a preparation for VCE Computing.

Area of Study:

1. Intermediate level proficiency in MS Office Suite software applications
2. Basic proficiency in the use of web markup languages (eg HTML)
3. A high level of familiarity with one web content management system (ie Wordpress)
4. Basic proficiency with SQL and MySQL server technology
5. Intermediate level proficiency with a data visualisation application (ie Tableau) and understanding design principles that guide effective visual communication
6. Basic proficiency in an object oriented language suitable for app creation(ie Java)

Assessment Tasks:

1. Data visualisation project
2. Web development Project
3. App creation Project
4. End of Semester Examination

Victorian Curriculum Standards (Level 10):

- ICT for visualising thinking
- ICT for creating
- ICT for communicating.

Required Equipment:

2Gb+ USB stick and ear/headphones.

Materials Cost per Student:

There are no additional charges for this subject.

PRODUCT DESIGN & TECHNOLOGY: TEXTILES- TECHNOLOGY ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Design plays an important part in our daily lives. Designers determine the form and function of the products we use and wear. In this course students assume the role of a designer and maker. Students at Year Ten use the technology process of investigating, designing, producing and evaluating to make a product/s that meet specific human needs identified in a design brief. Through research and discussion students gain an understanding of environmental, social and ethical issues relating to the harvesting of materials used in fabrics and sustainable practices.

Product Design and Technology can provide a pathway to a range of related fields such as industrial, product, interior and exhibition design, and fashion, furniture, jewellery, textile and ceramic design at both professional and vocational levels.

Areas of Study:

1. Product Design Development
2. Product Production
3. Properties of Fibre and Ethical and Sustainable Manufacturing

Assessment Tasks:

Students will gain skills through a combination of design process and hands-on experience in the following formats:

1. Design folio – Contains design brief analysis, research, design development, production planning and final evaluation of a product
2. Practical Production
3. Research tasks –Fibre and Ethical and Sustainable Manufacturing
4. End of Semester Examination.

Victorian Curriculum Standards (Level 10):

- Investigating and Designing
- Producing
- Analysing and evaluating
- ICT for visualizing thinking, creating and communicating
- Reflection and metacognition

Resources Required:

Display folder

Material Cost to Students

Approximately \$75 (based on 2018 cost). Students add value to materials to produce a product(s) that they can take home.

PRODUCT DESIGN & TECHNOLOGY: WOOD- TECHNOLOGY ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Design plays an important part in our daily lives. Designers determine the form and function of the products we use and often depend on. In this course students assume the role of a designer and maker. Students at Year Ten use the technology process of investigating, designing, producing and evaluating to make a product/s that meet specific human needs identified in a design brief. Through research and discussion students gain an understanding of environmental, social and ethical issues relating to the harvesting of materials used in manufacturing and sustainability.

Product Design and Technology can provide a pathway to a range of related fields such as industrial, product, interior and exhibition design, engineering, and fashion, furniture, jewellery, textile and ceramic design at both professional and vocational levels.

Areas of Study:

4. Product Design Development
5. Product Production
6. Properties of Materials and Sustainability

Assessment Tasks:

Students will gain skills through a combination of design process and hands-on experience in the following formats:

5. Design folio – Contains design brief analysis, research, design development, production planning and final evaluation of a product
6. Practical Production
7. Research tasks – Australian design history, properties of materials, manufactured boards and sustainability
8. End of Semester Examination.

Victorian Curriculum Standards (Level 10):

- Investigating and Designing
- Producing
- Analysing and evaluating
- ICT for visualizing thinking, creating and communicating
- Reflection and metacognition

Resources Required:

Display folder

Material Cost to Students

Approximately \$75 (based on 2018 cost). Students add value to materials to produce a product(s) that they can take home.

ART- ARTS ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Art encompasses a range of practical skills with tuition in drawing and painting. Students will explore a variety of mediums and are guided through the design process of creating and developing a folio of high quality art works.

Art appreciation is a component of this study encompassing art analysis of professional artists' artworks from significant times and locations in history. Students will also analysis their own art works and develop skills in Visual Literacy.

Art is an appropriate subject if you wish to continue further studies in the Arts at VCE level, tertiary or for personal development in creativity.

Areas of Study:

1. Developing Art ideas and concepts
2. Materials and techniques
3. Interpretation of artworks and Visual Literacy

Assessment Tasks:

1. Visual Diary-Concepts, Ideas and the Design Process.
2. Folio of Artworks and presentation in an Art space.
3. Written and Visual task, Analysis and Visual Literacy.
4. End of Semester Examination.

Victorian Curriculum Standards (Level 10)

- Arts – Creating and Making
- Arts – Exploring and Responding
- Arts – Listening, Viewing and Responding

Resources Required:

Visual Diary A3

Material Costs per Student:

Approximately \$25 (based on 2018 cost).

DANCE- ARTS ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Students develop a personal movement vocabulary that is informed by knowledge of dance from different cultures, times and locations.

Students build on their awareness of how the body can be used to communicate dance ideas and how it is used in specific dance styles. They extend their understanding and use of the elements of dance (space, time, dynamics and relationships) to communicate ideas and intentions. They extend their ability to use technical and expressive skills safely performing within their own body capabilities and working safely in dance spaces and groups.

As they make and respond to dance students draw on dances from a range of cultures, times and locations and reflect on the development of traditional and contemporary dance styles and how choreographers can be identified through the style of their choreography. Students extend their exploration of ways that they and others nurture, develop and sustain dance practice.

Areas of Study:

1. Develop practice and refine technical and expressive skills through a range of dance workshops.
2. Develop performance skills
3. Practise and refine their analysis skills

Assessment Tasks:

1. Participation in practical workshops
2. Choreograph and perform their own and other choreographer's dance works
3. Analysis of their own and other choreographer's dance works
4. End of Semester Examination

Victorian Curriculum Standards (Level 10)

- Arts – Creating and Making
- Arts – Exploring and Responding
- Arts – Listening, Viewing and Presenting

Resources Required:

None

Materials Cost per Student:

Please note that changes may apply to excursions throughout the semester.

DRAMA- ARTS ELECTIVE

Available in Semester 1 or 2

Subject Outline:

This unit focuses on creating, presenting and analysing a devised solo and/or ensemble performance. Students will gain an awareness of how performance is shaped and is given meaning. This unit also involves analysis of a student's own performance work and analysis of a performance by professional and other drama practitioners.

Areas of Study:

1. Practical workshop
2. Performance
3. Performance analysis of theatre visit

Assessment Tasks:

1. Practical workshop
2. Performance
3. Performance Analysis
4. End of Semester Examination

Victorian Curriculum Standards (Level 10)

- Arts – Creating and Making
- Arts – Exploring and Responding
- Arts – Listening, Viewing and Responding

Resources Required:

None

Materials Cost per Student:

Please note that charges may apply to excursions throughout the semester.

MEDIA- ARTS ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Media gives students an introduction to the technical and artistic knowledge necessary to produce effective photographs and become a competent photographer. They analyse and explore the structure, content and aesthetic qualities of media texts and use media elements, skills, techniques and processes to structure media productions appropriate to chosen styles and forms. Students make and present media productions.

Areas of Study:

Students will gain basic practical skills through a combination of theory and hands-on experience in the following media formats:

- Digital camera use
- Digital imaging
- Video Camera operation.
- Editing

Students will also study the following topics:

1. The influence of the mass media on behaviour and attitudes
2. Narrative - storyboards
3. Advertising
4. Film techniques

Assessment Tasks:

1. Sketchbook: storyboards, scripts and planning for media products and photography.
2. Folio of completed media product and/or photography
3. Assignment covering research into media and photography products
4. End of Semester Examination.

Victorian Curriculum Standards (Level 10)

- Investigating and Designing
- Producing
- Analysing and evaluating
- ICT for Visualising thinking, creating and communicating
- Reflection and metacognition

Resources Required:

A pencil, an A4 Display Folder and 8 gig Memory stick. Earphones and color printing will be required for folios

Materials Cost per Student:

Approximately \$30 (based on 2018 cost).

MUSIC PERFORMANCE- ARTS ELECTIVE

Available in Semester 1 or 2

Please note that to enrol in Music Performance students must have two years' experience on an instrument or voice. This is a performance based subject and you are required to perform in front of the class.

Subject Outline:

Students will develop skills playing and performing on an instrument or voice in solo and group settings. Students are encouraged to showcase their performance skills at the FONO concert held at the end of each semester.

Students will explore the use of technology to compose record and perform contemporary music styles. Composition will include songwriting techniques and processes. Students will also develop skills in aural recognition and music theory. This will include listening to, and learning about, different styles of music.

Students choosing Music Performance are strongly encouraged to undertake weekly tuition on their chosen instrument or voice.

Areas of Study:

1. Music Theory & Aural Training
2. Performance
3. Composition
4. Music Technology

Assessment Tasks:

1. Group / Solo Performances
2. Composition
3. End of Semester Written Theory and Aural Examination

Victorian Curriculum Standards (Level 10):

- Creating and Making
- Exploring and Responding
- Listening, Viewing and Responding
- Presenting

Resources Required:

- A4 Exercise Book
- Manuscript paper

Materials Cost per Student:

There are no additional charges for this subject.

PHOTOGRAPHY- ARTS ELECTIVE

Available in Semester 1 or 2

Subject Outline:

Photography plays an important part in our daily lives. Photographers report events and capture moments of time informing the viewer the idea behind a photograph. In this course, students assume the role of photographer.

Students use technology processes of investigating, composing, producing and evaluating to create photographs that meet specific requirements. Through research and discussion, students gain an understanding of historical, social and ethical issues relating to the development of photography as a recorder of history. Research of Australian, American and European photographers provides students with a greater understanding of the importance of the photographer as a reflection of society. Students undertake a journalistic task to document Main Street Croydon and they then exhibit the works created.

Areas of Study:

1. The development of Photography (digital/darkroom)
2. Practical exercises experimenting with the camera, techniques and Photoshop
3. Research of Australian, American and European photographers

Assessment Tasks:

1. Journal – contains all development, course notes, evaluation of photographs
2. Folio of photographs relating to specific topics (Photojournalism)
3. Research Reports – Australian, American and European photographers
4. End of Semester Examination.

Victorian Curriculum Standards (Level 10)

- Investigating and Designing
- Producing
- Analysing and Evaluating
- ICT – software for creating and communicating
- Reflection and metacognition

Resources Required:

A4 Display Folder
Exercise Book
USB Stick

Material Costs per Student:

Approximately \$50 (based on 2018 cost).

VISUAL COMMUNICATION & DESIGN- ARTS ELECTIVE

Available in Semester 1 or 2

Subject Outline:

This unit focuses on using developing an understanding of the design process. Students use presentation drawing methods that incorporate the use of technical drawing conventions to communicate information and ideas associated with the environmental or industrial fields of design. Students use the visual diary to record all research, generation and refinement of a range of ideas. They use the design elements and design principles and a range of materials, media and methods including ICT to produce a visual communication to a brief.

Areas of Study:

1. Technical drawing in context
2. Apply the design process to design a visual communication to a brief. Using design elements and design principles. Trialing different materials, media and methods including ICT.
3. Visual communication design in context

Assessment:

1. Presentation drawings that incorporate relevant technical drawing conventions and effectively communicate information and ideas for a selected design field.
2. Engage in stages of the design process to create a visual communication appropriate to a given brief. Select and apply design elements and design principles to create visual communications that satisfy stated purposes. Manipulate type and images to create visual communications suitable for print and screen-based presentations
3. Describe how a visual communication has been influenced by past and contemporary practices, and by social and cultural factors.
4. End of Semester Examination.

IMPORTANT: The visual diary is a major assessment requirement for all SATs and is used to record all research, generation, development and refinement of a range of original ideas. It is also used to authenticate student work and design development.

Victorian Curriculum Standards (Level 10)

- Investigating and Designing
- Producing
- Analysing and Evaluating
- ICT – software for creating and communicating
- Reflection and metacognition

Resources Required:

Ruler, isometric & oblique ruler, eraser, A3 visual diary, 2H, 2B, 4B, 6B, greylead pencils, coloured pencils, .04 & .06 fineliners, A4 folder with plastic sleeves, prescribed design manual.

Materials Cost to Students:

Approximately \$25 (based on 2018 cost).