Year 9 Subject Selection
Handbook for 2020
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Choosing Year 9 Electives
The following material is intended to help both parents and students make informed and successful subject choices for 2020.

The material in this booklet will be supplemented by the Year 8 Mentor teachers. Parents are also welcome to contact the Mentor teachers, the YLC’s, or Leading Teacher, Mrs Heather McClure, if they wish to discuss options or seek advice.

The Year 9 Curriculum
Year 9 students will study a common curriculum for 19 periods per week comprising:

- English
- Mathematics
- Science
- Humanities
- Health and Physical Education
- Year 9 Program
- Mentor Program

The remainder of a student’s program will be comprised of six elective units of 2 periods each to be taken over the year (three to be completed each semester). Guidelines for the selection of these electives are provided below.

The Role of Electives
Electives are an integral part of the learning program for a student. It is within the elective program that students have the ability to elect into interest areas, investigate career directions or explore new and untried areas of learning.

Electives encourage student ownership of their learning.
With well-chosen subjects in the elective program, students can enhance their enthusiasm for learning and for developing new skills.

Guidelines for Selecting Electives
The guidelines for the selection of elective units are as follows:
In order to encourage a breadth of experience within the curriculum, over the course of the year students will need to study:

- At least 2 units from the Arts learning area
- At least 2 units from the Technology learning area

The remaining 2 units may be selected from any of those offered including additional Arts and Technology units.

Notes
- For students selecting LOTE (this represents 2 elective choices) - students are only required to select one unit from the Arts learning area and one unit from the Technology learning area.
- If students intend going on the trip to China (this represents 1 elective choice) - they must select the Young Leaders to China elective. This elective will be conducted in Semester 1 only.

On the elective selection form at the back of this booklet, ensure all appropriate spaces are filled.

**DO NOT SELECT YOUR ELECTIVES ACCORDING TO YOUR FRIENDS’ CHOICES — instead base your choices on your own interests, skills and future plans.**
Arts

Creative Arts

Art 2 Dimensional

Overview
2D Art aims to give students the opportunity to work through an art process to complete a range of 2D artworks in the art disciplines of painting, drawing, printmaking and mixed media as well as, learning to interpret and respond to traditional and contemporary artists and their artworks.

Content/Skills
Students will develop ways to explore and express ideas and concepts, record the Art process, experiment with wet and dry materials, apply formal elements and principles, learn key aspects of visual analysis and produce and present final artworks.

Students will complete 2 assessment tasks involving interpretation of artworks and developing a folio of artworks.

Links to further study
This subject aligns with a range of VCE creative arts subjects, and a career in creative design fields.

Selection Advice
This elective would suit students with an interest in the creative arts. This subject is a semester based subject only.

3D Mixed Media Art

Overview
3D Art aims to give students the opportunity to work through an Art Process to complete 3D artworks using a range of mixed media material types as well as, learning to interpret and respond to traditional and contemporary artists and their 3D artworks.

Content/Skills
Students will develop ways to explore and express ideas and concepts, record the 3D Art process, experiment with a range of mixed media materials, apply formal elements and principles, learn key aspects of visual analysis and produce and present final 3D artworks.

Students will complete 2 assessment tasks involving interpretation and analysis of artworks and creating 3D artworks.

Links to further study
This subject aligns with a range of VCE creative arts subjects, and a career in creative design fields.

Selection Advice
This elective would suit students with an interest in the Creative Arts. This subject is a semester based subject only.
**Media**

**Overview**
This is an introductory course into media production and media analysis. Students are introduced to a range of media vocabulary, techniques and technologies.

**Content/Skills**
This unit may cover three main aspects of Media: Photography, Desktop Publishing and Film/Moving Image. Students will also be involved in the analysis of media products. The subject content will be assessed in written and practical assessments.

**Links to further study**
This subject would suit students who have an interest in moving image, still image, and communication it links directly to VCE Media and a career in a range of media fields.

**Selection Advice**
This subject is a semester based subject only.

**Visual Communication**

**Overview**
This unit focuses on the technical side of drawing and the social and cultural events that have influenced designers over the years. Students will undertake a range of activities to develop freehand, instrumental and electronic drawings.

**Content/Skills**
In this unit students will develop skills in a range of visual effects, interpretation and evaluation of existing visual communication, freehand drawing skills supported by electronic and instrumental drawings. There will be two assessment tasks in this subject based on the practical skills and theoretical concepts of the unit.

**Links to further study**
This unit would be an advantage to those students intending to complete VCE Visual Communication or interested in a career in Graphic Design, Architecture, Industrial Design and Illustration.

**Selection Advice**
This elective subject would suit students who enjoy drawing or wish to develop design and drawing capabilities. This subject is a semester based subject only.

**Digital Art/Photography**

**Overview**
Digital Arts aims to give students the opportunity to explore and express ideas and concepts through the art process.

**Content/Skills**
In this elective, students will develop knowledge and skills in the following areas: documenting the digital Art Process in a sketchbook format, Understanding camera craft techniques: focal point, compositional methods: various viewpoints and angles, Knowledge of the formal elements: line, colour, tone, shape and texture, Applying stylistic qualities: abstract – imaginative – realism, Understanding Adobe Operating methods and functions and using IT software (e.g. Photoshop) – interface, tools and filters.
Links to further study
This unit would be an advantage to those students intending to complete VCE Visual Communication and Art or a career in the creative design fields.

Selection Advice
This subject would suit those students who would like to learn about Digital Art as a fine art form. This subject is a semester based subject only.

Performing Arts

Dance
Overview
Dance encompasses many styles and does not require a lot of practical knowledge. Alongside practical activities and assessments is the development of a workbook. This melding of both practical and theoretical concepts encourages students to become “thinking dancers”.

Content/Skills
Concepts studied in this unit include choreography, group performance, improvisation, dynamics and expressions. Historical and social aspects of dance are also explored. Students are assessed on their performances (both class and small group dances), their participation during classroom activities, enthusiasm and completion of written research tasks, alongside a well presented workbook.

Links to further study
This unit would be an advantage to those students intending to complete VCE Dance.

Selection Advice
This unit is of benefit to those who have a genuine interest in the performing arts and also to those who enjoy dance and movement. This unit is offered in both Semester 1 and Semester 2 - students are able to complete both semesters if they wish.

Drama
Overview
Drama aims to give students the opportunity to express ideas and feelings through performance. Students will explore the techniques and conventions associated with performance styles, such as melodrama and comedy. An excursion to a performance will be undertaken to assist students to see how professional theatre takes place.

Content/Skills
In this unit students will develop skills in the following areas; Improvisation, Play-building, Performance, Voice and movement, Script-writing and Stagecraft and the elements of production. Students will be assessed across four tasks based on, participation, performances and a folio.

Links to further study
This unit would be an advantage to those students intending to complete VCE Drama or a career in the Performing Arts.

Selection Advice
Students who are interested in acting, theatre, script-writing, designing and influencing the way people think through dramatic action should apply for this elective. This unit is offered in both
Semester 1 and Semester 2 - students are able to complete both semesters if they wish, as activities and tasks are different.

**Music**

**Overview**
Music is a unique form of artistic expression and communication. Through experiences in music students gain knowledge and skills, which enrich and expand life’s interests. Students will be engaged practically with a range of musical instruments and opportunity to perform.

**Content/Skills**
This unit will provide students with the opportunity to develop their practical skills in performance, in conjunction with music reading and writing. Students undertaking this elective will have had some musical performance experience and some knowledge of musical notation. Assessment tasks will include group performances together with a research project and theory tasks.

**Links to further study**
This unit would be an advantage to those students intending to complete VCE Music Performance or VET Music Production.

**Selection Advice**
Instrumental tuition from a qualified teacher and owning an instrument would be preferable, but not essential. This unit would suit students with an interest in music, and particularly those who wish to study music through to VCE. It is **offered in both Semester 1 and Semester 2 - students are able to complete both semesters if they wish.**
Humanities

History Through Hollywood

Overview
How much of our historical knowledge is based on films made in Hollywood? Sometimes this is the only version of history we have... but can we trust it? Through this unit students will study events through ancient, medieval and modern societies, comparing what really happened to the way in which it is presented and the reliability of Hollywood films.

Content/Skills
By watching the films “Troy”, “Joan of Arc”, “Robin Hood” and “The Boy in the Striped Pyjama’s” students will research and study Ancient Greece, Medieval England & France and the Nazi Holocaust. Students will build an interpretation of the past through thorough research and then view the relevant film/s to evaluate the accuracy of the history Hollywood presents to us.

Links to further studies
This elective of history leads into further study of History in Year 10, VCE and tertiary courses. History equips students with skills and knowledge that are important in all spheres of life. The study of History gives us a better understanding of the past and helps to place current world events/issues in context and perspective.

Selection advice
This elective is available to all students. Research is a key element of this elective so may suit those who will undertake academic subjects into the future. Students must be able to view films with an ‘M’ rating.

Teenagers and the Law

Overview
What is the law? Why do we have to live according to someone else’s rules? Whose crazy idea was the law anyway? Surely, the way to be truly happy is just to be able to do what we want, when we want! Isn’t it? Is it? Laws are a fact of life. They govern our behaviour and regardless of what we think of them, we are bound to follow them. But if you want to know your rights according to the law, if you want to know how you can change a law, then this is the elective for you!

Content/Skills
This subject is designed to introduce students to the law. It looks at the origins, purpose and need for the law, as well as aspects of the law which directly affect the teenager.

Links to further studies
This elective of Civics and Citizenship allows students to confidently enter either Year 10 or VCE Legal Studies courses. It would also suit those students who are interested in finding out more about the way society works.

Selection Advice
This elective is available to all students. Research is a key element of this elective.
**English**

**Journalism – Tell your story**
Are you someone who likes to get the story straight? Do you always want to know more? Who? What? When? Where? How? These are the details that make for a great story. Knowing how to find these key facts and then write them up in a way that makes it easy for others to read about it is the skill of a true journalist. In Journalism: Tell Your Story, you’ll learn how ask the right questions, look for the details, and find the story in any situation. You’ll learn how to gather information effectively, organise ideas, format stories for media production and edit your articles. Get ready to break that news!

**Creative Writing – Unlocking your creativity**
Do you love to write? Do you have ideas but are unsure of how to express them in writing? Do you want to be the next Roald Dahl or JK Rowling? If the answer is yes to any of these questions, then this creative writing unit is for you. Learn how to take your creative writing to the next level. Develop your craft through workshops designed to explore and apply the various literary devices and narrative techniques that breathe life into fiction.

**What you will study/learn**
In this unit you will:
- learn how to create compelling characters
- find your narrative voice
- create gripping scenes and detailed dialogue
- build stories with form, structure and plot
- develop an understanding of the process of writing
- learn how to show, not tell, in your writing
- learn about the various ways to publish your own writing
- participate in writing workshops and attend writing festivals (subject to availability)

**Selection Advice**
This unit is designed for students who enjoy writing creatively and would like to gain a deeper appreciation of writing in a variety of styles and genres.

**English Essentials 9**
Do you struggle to put your ideas into writing? Do you find it hard to understand what you are reading in your subject textbooks and booklets?

**What you will learn**
This elective will focus on
- developing reading strategies that will improve reading comprehension, in particular the practicing of connecting, visualising, inferencing and working out unfamiliar words. You will read, annotate and discuss a range of short texts to practice these skills.
- focus on improving your ability to respond in writing focusing on spelling strategies, punctuation and grammar and how to structure your ideas.

Time will also be allocated each week to ensuring that assistance is provided to all students to help them undertake CATs for both Core and Elective subjects that have a reading or writing component.

**Selection Advice:**
This elective is for any student who finds the literacy demands of all subjects challenging. If you are achieving emerging and working towards for your CAT’s in English, then this subject may be the perfect choice for you to build and develop your literacy skills.
Languages

Why study a second language? Because there are many advantages! It increases:

- Communication skills not only in the second language, but also in English itself
- Intercultural awareness – being able to more easily understand and communicate effectively with a wider range of people
- Knowledge of the target language country and its culture
- Brain power. Learning another language actually helps you to use your brain in different ways, which helps to make you smarter
- Employment opportunities

Both Japanese and Chinese have been identified as priority languages to be taught in Australian schools. This recognises the close economic and cultural ties between Australia, China and Japan.

Prerequisite
To study either Japanese or Chinese at Year 9, it is expected that students have completed both Years 7 and 8. If students would like to begin study of one of these languages at a Year 9 level, an interview with the teacher of that language and the KLA Leader will be required.

Japanese
Overview
The Year 9 course aims to extend the skills students have acquired in Years 7 and 8. Students will be given listening, writing, reading and speaking tasks each semester. They will use Hiragana and Katakana, and extend their knowledge of Kanji. Each task will reflect a common or realistic situation amongst topics such as Celebrations, Milestones, Healthy and Fast Food, and Shopping.

In this subject, students will:
- Extend their vocabulary
- Learn more Kanji
- Become familiar with Katakana
- Experience Japanese food and cultural events
- Learn the skills to effectively communicate with native speakers at a basic level, whether for travel, future careers or just a hobby
- Practice conversations with Japanese students around Sovereign Hill

Assessment:
Students will participate in listening, writing, reading and speaking tasks, each of which will reflect a common or realistic situation for tourists or long term inhabitants of Japan.

Selection Advice:
- It is strongly recommended that students have successfully completed Years 7 & 8 Japanese. If not, an interview with the KLA leader and Japanese teacher will be required.
- Students are advised to select this subject in both first and second semester.
Chinese

Overview:
In this subject students will:
• Extend their vocabulary from Year 8 and be able to read extended stories of over 1000 Chinese characters in length
• Learn skills to help become a more effective language learner
• Practice skills with our international students and hopefully strike up some friendships with them
• Experience Chinese food and cultural events

Assessment:
Students will complete a range of reading, writing, listening and speaking tasks based on the stories developed in class.

Selection Advice:
• It is strongly recommended that students have successfully completed Years 7 & 8 Chinese. If not, an interview with the KLA leader and Chinese teacher will be required.
• Students are advised to select this subject in both first and second semester.

Further Pathway:
If students continue Chinese in Year 10 they will then complete the last two units (2 & 4) and receive their Certification at the end of Year 10. In Year 11 & 12, Certificate III in Applied Language (Chinese) is completed.
Health and Physical Education

Outdoor & Environment

Overview
This subject focuses on the environment and working with environmental groups in the local community to help make a change to protect the environment for future generations. Students will take part in bushwalking, mountain biking, surfing and snorkelling as a way of interacting and learning about themselves and the environment.

Content/Skills
Students complete a range of practical and theoretical activities supported by community involvement. This subject includes an overnight hiking camp and a revegetation project with Landcare Australia. Outdoor skills such as map reading, compass use, rock climbing, snorkelling and mountain biking are also included.

Links to Further Study
This unit would be an advantage to those students considering completing VCE Outdoor & Environmental Studies or a career in the outdoor and recreation industry.

Selection Advice
This unit is suited to students who enjoy adventure and working in the outdoors. There is also the opportunity to be involved in community service and leadership activities. It is expected that students attend all practical activities.

It should be noted that a cost of approximately $350 is associated with this subject.

Beyond the Game – Football Codes

Overview
Students will study both refereeing and coaching across a variety of football codes and will attain initial qualifications in these aspects that will allow them to referee at a local junior level. As part of the coaching aspect of the subject students will plan and implement a training session for their fellow students. As part of the refereeing aspect of the subject students will take turns refereeing during simulated match play situations.

Content/Skills
Students will develop coaching skills, and refine knowledge of the rules while officiating peers during game play. They will design and participate a training program with a focus on improving fitness and skill levels and deliver a peer teach lesson. They will develop their coaching skills and analysis of opposition sides to identify areas for improvement. Students will also be involved in the BAS Rugby 7’s / Soccer / AFL tournaments.

Links to Further Study
This unit would be an advantage to those students intending to complete VCE Physical Education, or undertake careers in the sport and recreation industry. Equally, the unit would benefit those students interested in improving their own sporting performance by the application of specific theory.

Selection Advice
This unit is suited to people who enjoy participating in physical activity. It is also expected that you participate in tournaments during or after school.
Hoop Dreams - Net/Court Sports

Overview
Students will use the Sport Education in Physical Education Program to experience different court sports. This program focuses on the students taking ownership of the unit by taking on key roles to learn skills and conduct a tournament.

Students will have a choice in which Net/Court Sports they will participate in for each term. This will be a class decision from the following sports: Volleyball, Netball, Basketball and Badminton. One sport will be chosen for each term.

Students will be required to umpire, coach, assess peers, score, record results, run warm ups and work together as a group to run a successful tournament.

Content/Skills
Students will develop peer teaching skills and refine knowledge of the rules while officiating peers during game play.

Links to Further Study
This unit would be an advantage to those students intending to complete VCE Physical Education or undertake careers in the sport and recreation industry. Equally, the unit would benefit those students interested in improving their own sporting performance by the application of specific theory.

Selection Advice
This unit is suited to people who enjoy participating in physical activity. There will be opportunities to play in a range of tournaments or competitions.

Mountain Biking

Overview
Students will learn all the skills to ride an intermediate trail safely. Students will also learn how to analyse their own technique and how to give feedback to others on how to improve through the use of video analysis. Students will also learn basic bike maintenance.

Content/Skills
Through both practical and theory components students will develop mountain biking technique, coaching via video analysis and training principles and minimal impact strategies for biking in the local environment.

Links to Further Study
This unit would be an advantage to those students considering completing VCE Outdoor & Environmental Studies, VCE Physical Education or a career in the outdoor and recreation industry.

Selection Advice
This elective would suit students who have an interest in movement and physical activity and love being in the outdoors. This subject incurs a fee of $90.00 for the semester. This subject is a semester based subject only.
Science

Mythbusting at Mount Clear

Overview
Throughout this unit there will be a focus on concepts that explore simple mechanisms (how things work) and principles that apply to flight.

Content/Skills
Students will demonstrate skills in the following; Conduct authentic scientific investigations to find answers to their own questions. Use elements of Scientific method to test the validity of rumour and myths. Design experiments and interpret results and collaborate in small groups.

Links to further study
This subject links to various science pathways throughout the senior school.

Selection Advice
Students who are interested in science and scientific investigations will benefit from this subject. Students can study this unit in only one semester.
Technology

Automotive Systems

Content/Skills
This unit of Technology studies focuses on the following 4 elements of the Automotive Systems Process.

Students will demonstrate skills in the following:

Safe work practice
- Identify safety hazards
- Appropriate safety equipment
- Occupational Health & Safety standards

Use of hand tools
- Correct selection of hand tools
- Identify standards and sizes
- Identify safety issues associated with tools

Identification of auto parts
- Identify individual components
- Describe their function in a system

Diagnostic and reports
- Suggest diagnostic procedures on a simple system

Selection Advice
This unit of automotive studies suits students who enjoy working on mechanical systems such as two/four stroke engines etc. Students do not need previous knowledge or skill level to enjoy this area of learning, just the enthusiasm to learn. Overalls and boots are essential for this subject.

Students can study this unit in only one semester.

Electronic Systems

What students will study/learn
In this unit students will develop the following:
- Skills in design of circuits, printed circuit board, encloses, cases
- An understanding of circuit operation and equipment
- Skills in the use of hand tools and other tools in the electrical/electronic industry
- Skills in the use of CAD Software to model systems
- Introduction to the identification component and functions
- Diagnose, Analyse and problem solve common circuit faults

Assessment
In this unit students will be expected to maintain a journal of each lesson, complete short theory tests, complete designs, drawings, complete a number of practical models and undertake a major information technology research project.
Selection Advice
This unit particularly suits the student who wants to learn and gain an understanding of electrical/electronic systems. It does not need any prior knowledge.

Food for Entertaining
What students will study/learn
In this unit students will study:
• Appropriate food selection and service when catering for a variety of occasions in formal and informal settings.
• Develop an understanding of entertaining styles and prepare over time the courses of a menu.
• Changes in food materials used and the benefits of waste minimization as it applies to the use of food and food packaging.

Much of the work will be practical in nature where students will work individually and in groups. There is a theory component of 1 period per week.

Safe work practices must be followed.

Assessment
For satisfactory completion of this unit, students must maintain a folder of work, complete two assessment tasks following the technology process, and complete the majority of weekly production work.

Selection Advice
This unit will suit students who wish to develop and expand their interest and skill levels when preparing food for special occasions. It will allow them to enjoy working in groups, and expand social skills. It will be an advantage to have some basic food preparation skills.

Food - International
What students will study/learn
In this unit students will study:
• The development of food habits and patterns, and the influence of other cultures on the way we eat.
• Recipes and equipment typical for a range of countries/cultures used in food preparation.
• Emerging and less familiar foods will be used for some productions.

Much of the work is practical in nature where students work individually or with a partner. There is a theory component of 1 period / week.

Safe work practices must be followed.

Assessment
For satisfactory completion of this unit, students must maintain a folder of work, complete two assessment tasks following the technology process, and complete the majority of weekly production work.

Selection Advice
This unit will suit students who are interested in understanding food from other cultures, and broadening their experience of food. Students will develop skills in less familiar styles of cooking and eating, it will be an advantage to have basic food preparation skills.
Stitch it Up

What students will study/learn
In this unit students will develop basic hand and machine sewing skills that enable them to:
• create a fabric sample that demonstrates six basic stitches
• use a simple pattern to create and decorate a fabric character/animal/rag doll of their choice
• create a textile item of their own choice

Assessment
Students will:
• complete a fabric sample
• create a poster, booklet or PowerPoint presentation that investigates a decade of fashion between 1900 and 2020
• research and record their doll design options
• design and create their doll
• evaluate their production process

Students need to bring their sewing kit to each class and may choose to purchase additional materials.

Selection Advice
This unit would suit students who enjoy the creative process and like working with textiles. All tasks set in this unit of study encourage the self-expression of students who are genuinely interested in developing their knowledge and skills in the area of textiles.

This unit will lead into a Year 10 elective and will also lead into VCE Unit 1/2 and Unit 3/4 in Art and Studio Art.

Game Design and Animation

What students will study/learn
This subject focuses on the production of a variety of games and animation styles, as well as understanding the history behind both areas. The increase in mobile apps, games and animation has created a new and diverse industry in information technology. Games based learning and careers are a growth market for IT professionals or aspirants.

The main programs and skills that are taught:
• Stick Figure – Animation frame by frame
• Gamemaker – Game design and logic of maze and platform games
• Adobe Flash – Animation by timeline and basic action script to animate graphics and actions

Assessment
• Create a stick figure animation
• Study the history of video games
• Production of a complex maze and a platform game
• Produce an animation with advanced graphics, sound and tweening
• Assessment is against the Digital Technologies area of the Victorian Curriculum, including the subdomains of:
  o Digital Systems
  o Data and Information
  o Creating Digital Solutions

Selection Advice
There are no prerequisites for this subject. A student would not repeat this unit within the same year.
Metal Craft

What students will study/learn
This unit of Technology has a strong focus on design and creativity as well as learning metal working hand tool skills. A safe workplace will be emphasised and enforced at all times.

The students will be taught to safely use a variety of metal work equipment and use this equipment to produce simple projects.

Assessment
In this unit the students will be expected to maintain a journal and design folio and demonstrate skill levels to safely achieve the practical outcomes in the production of a model.

Selection Advice
This unit of Metals Technology suits students who enjoy working with their hands and using Information Technology to create designs. Students do not need previous knowledge or skill level to enjoy this area of learning. Overalls and safety glasses are essential.

Product Design - Wood

What students will study/learn
Students will be focusing on three main areas in this subject:

Investigating and designing
- Demonstrate the capacity to independently develop a design brief
- Use various research methods to investigate a product and/or its production
- Using appropriate technology and drawing conventions communicate a range of design options

Producing
- Develop, manage and record the production of a model, which meets the design brief
- Demonstrate the ability to safety and responsibly use a range of tools, equipment, materials and processes to make a product

Analysing and evaluation
- Using the evaluation criteria derived from the design brief, students evaluate the end product, assessing the safety / risks experienced in production and product use

Selection Advice
This is a useful subject for students interested in either Design and Technology Wood or Metals at VCE level.

This unit is available to all students. Personal Protection Equipment including safety glasses (essential) and overalls or apron need to be supplied by each student.

Please note this unit can be taken over two semesters. Students will need to list it as two choices to do this. Some of the course including safety and design work may be the same for both semesters but the models made will be different.
**Creative Technology**

**What students will study/learn**

This is an inclusive unit designed to encourage a range of students to participate the practical experience of technology studies. The models and skill areas to be developed will include several aspects of systems and materials. Possible modules undertaken include: Automotive, Wood, Glass, Metals, Electrical/Electronic, Plastics and Mosaics.

Students will investigate and research using information technology to develop a broad understanding of how the equipment works. Key Activities:

- Design of models
- Selections of appropriate materials
- Workshop safety using information technology

Note that at least 20% of work time will be devoted to studying theory of systems/materials.

**Assessment**

In this unit students are expected to maintain a journal of each lesson, complete a number of negotiated models, produce a design brief folio and undertake a major information technology research project.

**Selection Advice**

This unit suits students who have a willingness to appreciate and participate in a number of trade-related learning activities. A high level of technical knowledge is not required. Safety glasses are essential.

**Mechatronic Systems**

**What students will study/learn**

In this unit students will develop the following:

- Skills and knowledge in design and construction of electronic systems; such as DC circuits, Printed Circuit Boards (PCB’s) and controlled devices
- Skills and knowledge in designing and constructing mechanical systems; using gears, levers, pulleys and various mechanisms
- The blending of mechanical and electronic systems to form mechatronic systems such as robotic and automated devices
- Skills in the use of a variety of materials, tools and equipment needed to develop electronic, mechanical and mechatronic projects

**Assessment**

In this unit students will be expected to maintain a journal of each lesson, complete short knowledge tests, designs, drawings and a number of practical models. They will also be required to undertake a major research project using extensive information technology resources.

**Selection Advice**

This unit is for the student who wants to learn and gain an understanding of electronic, mechanical and mechatronic systems. Though it builds on Year 8 mechatronics, it does not need any prior knowledge. It particularly suits students who wish to go on to study systems at Year 10 and at VCE level. Safety glasses are essential.
Textile Art

What students will study/learn
In this unit students will develop basic hand and machine sewing skills that enable them to:
• create a fabric sample that demonstrates six basic stitches
• use a simple pattern to create a free-motion appliqué coaster
• create a textile picture of their own choice

Assessment:
Students will:
• complete a fabric sample
• create a poster, booklet or PowerPoint presentation that investigates woven and knitted fabrics and provide weaving samples
• document their coaster production steps
• research and record their textile picture design options
• create their coaster and textile picture
• evaluate their production process

Students need to bring their sewing kit to each class and may choose to purchase additional materials.

Selection Advice:
This unit would suit students who enjoy the creative process and in particular like working with textiles. All tasks set in this unit of study encourage the self-expression of students who are genuinely interested in developing their knowledge and skills in the area of textile art.

This unit can lead into a Year 10 elective and will also lead into VCE Unit 1/2 and Unit 3/4 in Art and Studio Art.
Victorian Young Leaders to China

Overview
This subject is linked with the College’s International Program. Connected to a variety of curriculum areas, it provides students with a great opportunity to enhance their budding leadership skills, develop a second language and be involved in an international education program.

Content/Skills
Students will explore the cultural aspects of China and develop their knowledge and understanding of the Chinese language and history. Students will explore a variety of leadership opportunities and enhance their written and verbal communication skills.

Across the semester students will complete 3 assessment tasks all linked to their successful participation in the 6 week international program in China.

Links to Further Studies
This subject links with further studies in Chinese Language and senior school leadership opportunities.

Selection Advice
Students going on the China trip must take this elective.
# 2020 Year 9 Elective Selection Form

*Use this page to help plan the units you might do*

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<tr>
<th>Surname</th>
<th>Given Name</th>
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Please complete the boxes below with your preferred choice of electives for the 2020 year. You must choose electives that will comply with the Year 9 elective requirements (refer page 3 of the booklet). You should ensure that you complete all the boxes.

Please choose carefully taking into consideration your skills, interests and future plans.

*DO NOT CHOOSE A SUBJECT JUST BECAUSE YOUR FRIENDS ARE CHOOSING IT.*

Remember you must choose:
- Six elective units in all
- At least two units from the Arts area (one each semester)
- At least two units from the Technology area (one each semester)
- Two free choices (from any of the available electives)

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<th>Elective Choice</th>
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This is a sample Year 9 Elective Selection Form.

*Use this page to plan and keep a record of your choices.*