



KAMBRYA

C O L L E G E

YEAR 9

ELECTIVE SELECTION HANDBOOK



**A GUIDE TO CHOOSING YOUR YEAR 9 ELECTIVES
KAMBRYA COLLEGE**

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SPECIAL PROGRAMS

KAMBRYA COLLEGE YEAR 9 DARRABI PROGRAM

Some students will be invited to participate in the *Darrabi* program. At Year 9, the Darrabi ('awaken' in the Woiwurrung language) Program is an all-boys class designed for students who, for a variety of reasons, are dis-engaged from their learning, or who are not thriving within the normal classroom environment. The program has been running for three years and has proven, evidence based improvement of student outcomes. The program has strong community links and a group project focus with an emphasis on developing students as more self-aware learners. Darrabi students participate in the elective program, however they undertake different core subjects. Students also participate in some mandatory outdoor educational activities. More information will be made available to invited participants through a parent information session to be held towards the end of Term 3.

KAMBRYA COLLEGE YEAR 9 G.I.R.Ls PROGRAM

Some students will be invited to participate in the *G.I.R.Ls Program*. At Year 9, the G.I.R.Ls ('Growing Independent Resilient Learners) Program is an all-female class designed to re-engage students back into their learning, develop confidence, self-awareness and resilience. The program will develop student's skills in Numeracy, Literacy and STEAM with a large focus on community interaction through volunteering for non-for-profit organisations. These students will continue to participate in the elective program; however they undertake different core subjects. Students also participate in some mandatory outdoor educational and community activities. More information will be made available to invited participants through a parent information session to be held towards the end of Term 3.

YEAR 9 ELECTIVE PROGRAM

Electives are subjects that students choose to do. They provide students with the opportunity to have ownership of areas of learning through the choices they make. Through the elective program students are able to explore individual areas of interest beyond the scope of core work and to further enhance their skills and understanding. Electives provide an opportunity for students to experience a range of subjects and have been designed for this purpose. By the end of Year 9, it is hoped that all students will have developed into focused, confident and motivated individuals, ready to tackle their chosen paths of study through the later years of their school life.

Intended outcomes:

- By the end of the elective program, it is anticipated that each student:
- Will have developed the confidence to become self-reliant
- Will be able to make appropriate choices
- Has developed strategies to allow them to adapt to different life circumstances
- Has developed a greater sense of self-worth

STRUCTURE AND SELECTION OF YEAR 9 ELECTIVES

STRUCTURE

Each student will undertake **four electives**. They will complete two electives per semester. In conjunction with the electives, students will undertake the core subjects of English, Mathematics, Humanities, Science and the new Year 9 Pastoral Care subject. **Please note: If you are selecting LOTE as one of your electives, it runs as an all year elective.** When making elective choices, students should take into consideration the following:

Experiences

A major focus of the elective program is for students to have new challenges that will give them a broader experience of life. Students should choose electives that give a range of experiences and challenges.

Interests

Students should choose electives that they genuinely wish to pursue in the future. Remember that the electives take up a large portion of student's time at school. They need to choose electives in which they can be active and engaged for the entire time.

Aspirations

Students should make their elective choices in the context of any future aspirations they may have.

SELECTION

Students will be required to submit subject selections through an online portal. Access to this portal will be provided through an email which is sent to all students. If a particular elective is oversubscribed, students will generally be selected on a 'first in – first served' basis, however the final decision regarding class placement will rest with the Principal or his representative. **Please note that whilst every effort is made to run all offerings, viability of subjects is based on student numbers and is at the discretion of the College.**

INSTRUCTIONS TO STUDENTS

Step 1: Familiarise yourself with the content of the **Year 9 Elective Program** course handbook.

Step 2: Preference electives as per instructions in the Web Preference guide

Step 3: Get your receipt signed by your parents, and submit it on time as per the instructions on the course selection form.

MODIFYING ELECTIVE CHOICES

Once students have finalised their choices for the electives, any subsequent changes to their program can only be made by written application from parents/guardian to the relevant Sub School Leader. Changes will only be approved if they are considered necessary for academic reasons.

MATERIALS CHARGES

The materials charges that appear in this document are an indicative cost for these electives, and they are subject to change before the end of this academic year. Typically, any adjustments to costs are minimal, and would only result from a new opportunity to introduce a valuable learning experience (eg. excursion). All elective payments are due a term *in advance*. ***Students who have not paid for an elective by the due date may be placed in an alternative*** elective. Each elective has been carefully budgeted. However, new programs/workshops do arise from time to time which staff regard as important to the learning of the students in that elective. Kambrya College reserves the right to charge an additional cost above the published cost for each elective in order to take advantage of these opportunities. In such circumstances, parents will be advised in writing.

INDICATIVE MATERIALS CHARGES

The names of contact staff members and *indicative materials charges* for each elective are below. Note that these costs do not cover text books; these are documented in the booklist which is sent to all parents during Term Three.

All electives cost maybe subject to slight change prior to the start of the 2023 calendar year, but parents will be informed if changes are required to be made.

Arts – Head of Arts – Leya Mackus	
Music Performance	\$35.00
Lights, Camera, Action!	No cost
Visual Communication and Design	\$25
Drama	\$50
Studio Art	\$50
Dance	\$30
Humanities – Head of Humanities – Louise Cummings	
Fast Lane	No cost
History’s Mysteries	No cost
Woman - Life and Leadership	No cost
Health and Physical Education – Head of HPE– Jack Irons	
Leaders in Sport	\$40
Get Active for Girls	\$60
Physical Activity and Sport	\$140
Strength and Conditioning	\$60
LOTE- Head of LOTE -Ania Siwicki	
German	\$10
Japanese	No Cost
Science – Head of Science – Kim Wilkinson	
Forensic Science	\$20
Dynamic Disaster	No cost
Space Science	No cost
Technology – Head of Technology-Robert Stark	
Computing	No Cost
Fast Food	\$120
Catering for a Career	\$110
Wood Technology	\$75
Systems Technology	\$40
Robotic Engineering	\$10

PUBLIC TRANSPORT COSTS

Many of the electives include excursions. For some of these excursions, the class will use public transport to travel to and from venues. **The cost of using public transport is NOT included in the overall cost of electives.** When travelling by train or bus, students will need to have a MYKI card for daily public transport. Students are required to purchase a “MYKI”. Information and applications are available at myki.com.au.

YEAR 9 ELECTIVE DESCRIPTIONS

The following pages contain a description of each elective, and an indicative materials charge. Please ensure that you read them carefully before submitting the course selection sheet.

LOTE

Japanese and German

Year 9 language elective subjects are designed as a pathway into VCE language and therefore suits academic students with a passion for language, culture and expanding their knowledge of the world. Students will study increasingly complex grammar patterns, verb and adjective conjugations and will engage in tasks modelled on the assessment at VCE level. Students should be academic with a positive attitude towards regular homework tasks. The course will also incorporate activities such as an excursion, a film or anime study, or a cooking incursion, in addition to cultural studies. If students are choosing a language as an elective, they must choose the same language they have studied in Year 7 and 8.

THE ARTS

MUSIC PERFORMANCE

This elective has an emphasis on Music Performance. Students will be required to complete two assessed performances during the semester (which may take place in during a lunchtime concert). Prior to this, students have the opportunity to complete practise performances in order to develop their confidence. Students will also develop skills in aural recognition and music theory. In addition, students develop critical listening and musical analysis skills. This elective prepares students for entry to the Year 10 Music Performance elective, and subsequently to VCE Music Performance. Students enrolling in this subject are expected to have a positive attitude towards music performance and must be willing to perform music in front of others. This elective may be taken as a single-semester course or as two electives sequentially over the course of the year. Semester 1 is not a prerequisite to the Semester 2 elective, although this is desirable.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

LIGHTS, CAMERA, ACTION! And LIGHTS, CAMERA, ACTION!

In this unit students will explore the creation and use of media in society, and will examine the construction of media products in a range of media sources, including image manipulation (Photoshop), video editing and the planning and creation of news. This unit will enhance students' skills in two areas of the Arts; Media and Drama. Students will be expected to work in front of and behind the camera, exploring the range of skills that are employed in the media industry every day. Students will analyse pre-existing media and theatrical works of art. They will plan, create, perform, record and edit media products and reflect on their work. The unit is designed to lead students into further studies units at Year 10; *Media Advertising* and *Media Creation & Performance*.

VISUAL COMMUNICATION DESIGN

The Visual Communication Design elective explores a variety of graphic design such as technical, freehand and computer generated drawing, and other two-dimensional and three-dimensional work. Students learn about the development of designing, promoting or enhancing products through a brief for mock clients. This is done through the process of researching, designing, interpreting and analysing historical and contemporary design. Students use computer design programs to further enhance their design skills. The knowledge and skills gained during this elective are an invaluable pathway into Year 10 and VCE Visual Communication Design.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

DRAMA

The theatre is a place of magic, hopes and dreams. But to bring these dreams to life takes a whole team of dedicated experts in a range of fields. In Year 9 Drama, students will develop their skills as actors and performers, as well as be introduced to other production areas including costume design, prop and set design, make up for the theatre, and stage lighting. A variety of hands-on workshops and experiences will be provided for students to gain these skills. Students will view examples of different styles of performance, as well as develop their own works. In doing this, students will interpret, write, and perform scripts; devise their own performance work; view performances; and develop their use of dramatic elements, expressive skills and performance skills. In addition, students will also have the opportunity to see a play presented by professional actors. The semester culminates in students each taking on roles both on stage and behind the scenes, to contribute to the development and performance of a play to an audience.

Students may opt to take this elective in just one semester or in both semesters, as the performances, workshops and activities will vary to cater to students studying Year 9 Drama for the whole year.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

STUDIO ART

The Studio Art elective consists of an exciting and diverse range of two-dimensional and three-dimensional art forms. Emphasis is on developing skills and techniques to express a range of ideas and art movements. Students will explore a wide variety of visual media such as painting, drawing, printmaking, ceramics and sculpture. Contemporary and historical art movements and styles (Pop Art, Abstract etc) are studied through a research assignment and creation of artworks inspired by this exploration. The knowledge and skills gained during this elective is an invaluable pathway into Year 10 and VCE Studio Art.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

DANCE

In Year 9 Dance, students will develop their use of the elements of dance, movement categories and improvisation, and dance technique. This subject is highly physical, as students work collaboratively and independently to choreograph dance works using various devices, as well as rehearsing and performing learnt works. Students will also learn to evaluate and analyse their own and others' works, and will watch and review a professional dance performance as part of this process. Throughout this subject, students will mostly be working in groups when choreographing and performing, creating a mixture of both recorded performance works (dance videos) as well as live performances in class. There will also be optional opportunities to perform to a wider audience. This subject looks to extend students with previous dance experience, with a focus on technical development through practical classes, whilst also catering to beginners who may be entering with limited or no prior training.

Students may opt to take this elective in just one semester or in both semesters, as the performances, workshops and activities will vary to cater to students studying Year 9 Dance for the whole year.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

LEADERS IN SPORT

This elective is targeted towards students who would like to take their overall sporting performance to the next level. Students will look at goal setting both short term and long term and how to effectively reflect on their training and performance. Through a range of practical activities students will learn injury prevention and recovery techniques. Students will develop knowledge and understanding of nutritional strategies to improve their performance pre, during and post training and competitions/game day events. They will develop an understanding of sports psychology through practical activities that allow students to put their learning into practice. Students will look at a range of leadership strategies to ensure they are developing as a holistic athlete.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

GET ACTIVE FOR GIRLS

This elective is targeted towards females who are interested in doing an alternative physical activity program involving aspects of dance, fitness classes, Pilates, yoga, aerobics and meditation. This will suit female students who would prefer non-traditional physical fitness activities. This subject utilises qualified instructors from the community, allowing the class to undertake various fitness classes so that students learn the vast array of opportunities for them to be physically active outside of school. Students will engage in practical activities that aim to improve their understanding of body systems and how training can improve their functioning. They will explore a range of legal and illegal performance enhancing strategies commonly utilised in sport.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

PHYSICAL ACTIVITY AND SPORT

This elective explores physical activities and sports and how sports can be modified for a variety of athletes to participate in. Students will look at physical activity and the role it plays in the wellbeing of the population. Through practical activities students gain an appreciation of how much physical activity is required for health benefits. They explore a range of factors that influence physical activity and identify perceived barriers and the ways to overcome these barriers. Students will develop skills, strategies and tactics to help improve their sporting performance while also looking at a variety of roles required when running sporting competitions.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

STRENGTH AND CONDITIONING FOR BOYS

This elective is targeted towards males who are interested in health and fitness. This subject utilises qualified instructors from the community, allowing the class to undertake various fitness classes so that students learn the vast array of opportunities for them to be physically active outside of school. Students will engage in practical activities that aim to improve their understanding of body systems and how training can improve their functioning. They will explore a range of legal and illegal performance enhancing strategies commonly utilised in sport. Students will learn how to develop and implement training programs tailored to different individuals.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

FASTLANE

This subject covers a range of topics under the banner of business and economics. The major emphasis is on developing a detailed understanding of Marketing processes such as product development, pricing and advertising. Other topics covered include business ethics, globalisation and business finance. This unit will equip students with an understanding of the world of business and assist them in choosing appropriate pathways ranging from VCE commerce subjects to VCAL and TAFE business studies to work or self-employment. Through a range of predominantly competitive group-based activities, students will have the opportunity to simulate business environments and develop enterprising skills and behaviours.

COSTS/SPECIAL REQUIREMENTS: There is no materials cost for this elective, however additional costs may be incurred for excursions. Please note that when students are on excursions travelling by public transport they must pay for their own ticket.

HISTORY'S MYSTERIES

In this unit of study, students will learn the historical context for famous mysteries of the past and then suggest, based on available evidence, what could have happened in each case study. This will require research and analysis of primary and secondary sources as they weigh up available information and then make an informed decision on each case study. Such case studies may include: stone structures such as Stonehenge, the Bermuda Triangle, the Mary Celeste, who was Jack the Ripper and the disappearance of Amelia Earhart. This unit of study leads well into Year 10 and VCE History studies.

WOMEN – LIFE AND LEADERSHIP

Students will investigate the history of equal opportunity with a focus on woman's rights. They will investigate case studies and research the significant figures involved in feminist movements throughout history. Students are provided with an array of educational experiences including participation in targeted workshops on developing respectful relationships, and students analyse the movies "Suffragettes", "Hidden Figures" and "He named me Malala", to investigate how women's rights have changed over time.

Additionally, this unit will also aim to provide 'job ready' skills in the current employment climate. Finally, students will consolidate in all the experiences throughout the unit to develop an individual learning path for their time at Kambrya College. This unit will culminate in a forum which will be organized by the students which will involve engaging with a variety of identified professional females from our local community.

FORENSIC SCIENCE

In this elective, students will explore various topics related to the Science of Crime. They will investigate the validity of eyewitnesses and analyse evidence such as blood splatter, fingerprints, DNA, toxicology, handwriting, bones and impressions. They will also delve into the psychology of the criminal mind. The real-world work of the various branches of Forensics will be explored through practical tasks and research. Students will explore how the study of crime has changed over time with the emergence and influence of technological advances. Students will relate and link what they study in the class to real case studies of crime and will be encouraged to think critically about the plausibility of evidence.

COSTS/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

Dynamic Disasters

In this elective, students learn about the dynamic nature of the Earth and the geological and hydrological natural disasters that occur. They will examine the structure of the Earth and the formation of volcanoes, earthquakes and tsunamis. They then learn about how our weather is influenced by ocean and air currents and how thunderstorms, tornadoes and hurricanes form. They will learn the symbols and notations that meteorologists use and apply this knowledge to analyse weather maps and make weather predictions. Students will then conduct research and analyse primary and secondary sources as they investigate the social, environmental and economic impact of natural disasters. They will then analyse some of the management strategies countries put in place to minimise the impact of these disasters.

COSTS/SPECIAL REQUIREMENTS: No cost

Space Science

In this elective, students will analyse and evaluate evidence supporting the Big Bang theory as the currently accepted scientific model explaining the origin of the Universe. They will explore the properties of stars, and planetary motion through the Solar System. Students will then explore the relationship between the Sun, Earth and Moon. Students will investigate how scientific discoveries drive technological advancements, for example the construction of radio telescope arrays that search for extrasolar planets. Students will predict how future applications of science and technology may affect people's lives, such as the development of reusable rockets designed to reduce the cost of space exploration, making Mars more accessible.

TECHNOLOGY

COMPUTING and COMPUTING (BRING YOUR OWN LAPTOP)

Students in this elective will investigate data transmission within networks, as well as how to use formula and coding languages. They learn about networks and their components, focusing on different environments and the benefits of different networks designs. Students recognise there are different communication protocols for transmitting data in a network. They learn how to use Excel, and use their knowledge to create an interactive quiz and menu. Students will also be introduced to HTML and Javascript coding languages. They will use their knowledge of basic coding commands and the design process to create their own game.

COST/SPECIAL REQUIREMENTS: There is no materials cost for this elective, however additional costs may be incurred for excursions. Please note that when students are on excursions travelling by public transport they will be expected to pay for their own ticket.

FAST FOOD

This elective gives students the opportunity to develop skills in the area of food technology. The emphasis is on increasing nutritional knowledge and developing food preparation skills. Through investigation, design, production and evaluation, students discover how easy it is to make good fast food at home. Students are given the opportunity to examine foods available in the community, making nutritional assessment about these outlets. Students reflect on their learning, documenting their findings and experiences, and then design healthy alternatives which are prepared in classes. This elective allows students to pursue future career interests in the areas of hospitality, nutrition and customer service, while developing lifelong skills to sustain healthy futures.

COST/SPECIAL REQUIREMENTS: \$120.00 covers the cost of all food products, guest speakers and excursions. Please note that when students are on excursions travelling by public transport they will need to purchase and provide their own Myki card.

CATERING FOR A CAREER

This Year 9 elective aims to develop students in food preparation particularly in catering situations. This elective would benefit those who see VET Hospitality or Food Studies as an option in year 10, 11 and 12. Emphasis is on food hygiene, different courses within a meal and recognising and preparing a range of foods across the areas of eggs and dairy products, meat, poultry and fish, cereals and pasta, raising agents, starches and sugars. Nutrient requirements, ethical considerations concerning food production, food processing and food presentation techniques of a high standard will be encouraged. There will be food production and theory components in this course.

COST/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

WOOD TECHNOLOGY

During this elective, students have the opportunity to gain an understanding of basic woodworking techniques through practical application. Students develop design skills, looking at how a specific need can be translated into a design for a finished product. Students develop an understanding of safe workshop practice, and refine their skills when working with specific tools and machines. Students are introduced to different joins, techniques and finishes that can be achieved, and are encouraged to add their own creative flair during the design stages. This elective may lead into VCAL Wood Technology, VET Building & Construction or VCE Product Design and Technology (Wood).

COST/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

SYSTEMS TECHNOLOGY

This program is an introduction to systems engineering. Students will be focusing on electronic components, soldering, wiring and circuit board development. In this unit, student will be able to put all their skills and knowledge into practice through project based tasks. They will develop individual mechanical and electronic designs based on specific design briefs. Students will be expected to produce a folio of learning based on the Technology Design process. CATs and an end of semester examination will form part of the assessment.

COST/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

ROBOTIC ENGINEERING

This program focuses on a hands-on approach to engineering and robotic fundamentals as the basis of understanding concepts, principles and components that operate in mechanical and electronic systems. The students will be given an opportunity to develop skills in understanding systems design, manufacturing, identifying and describing different types of complex systems, mechanisms and applications. Students will also be given the opportunity to use mathematical calculations and applied physics to explain real world physical characteristics. Students will further develop programming skills through the use of the Arduino programming platform and learn about basic electronics and circuitry through the introduction of embedded systems and robotics. Students will have the opportunity to build a beginner friendly, Arduino robot, which will enable them to experiment with custom circuits. Students will experience more complex autonomous programming of their robots using touch, light and infrared sensor circuits, allowing the Shield-Bot to navigate on its own on a robotics challenge mat. Students use CAD programs and manufacturing processes such as 3D printers and laser cutters to aid in the creation and design of their own robotics projects. This elective will prepare students for undertaking VCE Systems Engineering.

COST/SPECIAL REQUIREMENTS: This elective has a cost involved, please see Indicative costings table on page 6.

LITERACY SUPPORT

This elective has been developed to provide students who may need that extra support in Literacy. It will further develop their skills and attributes to read and write simple or short texts. Texts deal mainly with personal and familiar topics, as well as including some unfamiliar aspects. At this level students, often with support, use the writing process with an awareness of the purpose and audience of the text. In reading, students are able to identify the main point of the text, some key details and express an opinion about the text as a whole as well as some of the details. At the end of the Foundation Reading and Writing unit, students should be able to read and comprehend a range of simple short texts and write a range of short texts in a number of contexts which may be interrelated.

NUMERACY SUPPORT

The purpose of this unit is to help develop the confidence and skills in students who require extra support with their Numeracy. It will assist them further to perform simple and familiar numeracy tasks, and develop the ability to make sense of mathematics in their daily personal lives. The mathematics involved includes numbers and data, financial literacy, time and location, measurement and design, and the use of software tools and devices. On completion of this unit, students are able to perform everyday mathematical tasks that involve a single mathematical step or process. Students are able to communicate mathematical ideas using highly familiar contexts and common everyday language and mathematical notation.

Notes:

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