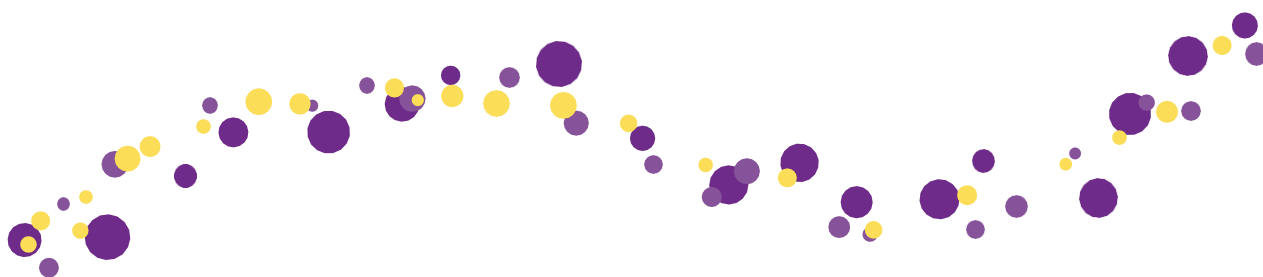


# Mirboo North Secondary College



## Year 10 Handbook 2022



# Elective Units Offered in 2022

Descriptions of the following subjects are contained in this handbook.

## **Arts**

Digital Photography  
Public Art  
Visual Communication and Design

## **English**

Literature

## **Health & Physical Education**

Game Sense  
Leisure and Outdoor Sports  
Peak Performance

## **Humanities**

Money and the Law  
Work Ready (semester 1)  
Work Ready (semester 2)

## **Languages**

German (semester 1)  
German (semester 2)

## **Mathematics**

Pre-VCE Maths

## **Technology Studies**

Digital Technologies  
Food Today  
Introduction to Cabinet Making

## Year 10 Outlook

Year 10 at Mirboo North Secondary College (MNSC) is part of the College Senior School. This allows a greater focus on preparing students for the Victorian Certificate of Education (VCE) and other future pathways, study or work choices.

Students will be required to satisfactorily meet outcomes in English, Mathematics, Science, Humanities and Individual & Global Health. They will also choose from a range of electives.

All year 10 students will be encouraged to undertake one VCE subject, or they may choose to undertake 'work ready'. Undertaking a VCE subject allows students to develop an awareness of the expectations required of them in future studies.

The growing maturity and independence of year 10 students will continue to be supported by a one-week work experience placement, in addition to the school's careers program that will enable students to make informed future pathways decisions.

Students will also be encouraged to participate in a broad range of co-curricula activities such as; the exchange program with our German sister school, senior school forums, year 7 'peer support' program, keys please, sport, school productions, the South Gippsland Schools Music Program, and a wide variety of leadership options.

## Year 10 Counselling

Compulsory subjects and counselling ensure that students complete a wide variety of subjects. Counselling will be scheduled for all current year 9 students during Term 3.

Although all VCE subjects are open entry, it is important to realise that some year 10 subjects are essential preparation for future study. Students wishing to complete German at VCE should ensure that they do not drop the language in Year 10.

Mathematics is another area where students need to be careful and should discuss their options before limiting their choices in the future.

## Getting Careers Advice

There are many resources available which will provide you with information on Career Pathways.

The careers room is a good starting point. There are a number of resources which can help. Job Guides and University & TAFE Handbooks are available for loan. Career Easy is another computer package that is particularly useful for Year 10 students when they are planning their VCE. Students can simply make a time to drop into the careers room and parents are also welcome to phone and make an appointment.

Teachers and coordinators are another important source of information. They will be able to tell you how you are going and assist you in deciding whether you would cope with a subject at VCE level.

Other organisations such as Tertiary institutions and Group Training Companies are more than happy to have parents and students visit their facilities and discuss career options. Most also have their own web sites.

Taking the time to visit tertiary (both university & TAFE) open days is often advantageous. These open days are *generally* held in August and September. Many open days are held at the same time, so students who leave it all until year 12 often find they cannot visit all the ones they would like.

## Assessment and Reporting Policy

The current reporting Policy is based on the following program.

*During and end of Term I	Learning Habits Reports and Parent/Teacher Interviews
*During and end of Term II	Learning Habits Reports /Written Semester Report
*During and end of Term III	Learning Habits Reports and Parent/Teacher Interviews
*During and end of Term IV	Learning Habits Reports /Written Semester Report

## Authentication

In order to meet the requirements for satisfactory completion of a unit, students must submit work that is clearly their own. Apart from reference to, and incorporation of appropriate texts and source material, no part of a student's work may be copied from any other person's work, nor should a student accept undue assistance from any other person in the preparation and submission of work.

## Due Dates, Deadlines and Extensions

For each Task which requires work to be completed and submitted the following rules apply.

1. The teacher will set a due date for the submission of any such work. (An attempt will be made to spread work throughout each semester, but no guarantee can be given that the due dates in different units will not occur at the same time).
2. An extension may be granted to students provided the reason is valid and the request made to the teacher prior to the due date.

## Unforeseen Circumstances

Authorisation is given to the Principal in consultation with the Assistant Principal and the Sub-School Coordinator to alter or determine policy.

## Attendance

All students are required to achieve 80% attendance over the year. Failure to meet this may lead to your child receiving an unsatisfactory level of achievement according to the Victorian Curriculum and/or VCE guidelines.

## Payment of Fees

All subjects requiring special additional fees are marked with an asterisk \* in the table of contents, and details are provided in the course outlines in this book. The fees are to be paid by the first class of that subject in 2022.

A number of Learning Areas in the school charge fees for model construction. These models are chosen by students and are costed above the money normally allowed for standard classroom models. Fees also apply for Food Technology where students produce food for their consumption.

## Health and Safety

The safety of students is of prime concern to all teachers and instruction in the safe and correct use of tools and equipment is stressed at the beginning of units of work and each time a new tool or piece of equipment is to be used.

The safety of students will also be enforced by stricter disciplinary procedures in classes where tools and equipment are used. If a student acts in a dangerous manner when using tools, then the student will be removed from class and sent to a coordinator or assistant principal. If a student continues to jeopardise his or her safety or the safety of others, then they may be excluded from that class.

## Exchange with Sister-School in Germany

Mirboo North Secondary College has been offering a sister-school based cultural exchange with Germany to Year 10 students of German since 2003.

Our sister school is called the Alfred-Amman Gymnasium. It is situated in Bönningheim in the South-West of Germany. Bönningheim is 30km southwest of Stuttgart, about one hour from the French border, one and a half hours from Heidelberg and approximately 4 hours from Munich and the Alps.

The application process starts when the students are in Year 9, with the students from the AAG in Germany visiting for 28 days in March/April and our students reciprocating the visit in September when they are in year 10.

## Year 10 Course Selection

This is an example of a year 10 student timetable. Please note that this is just an example and students can do health and careers in either the first or the second semester depending on which elective units students have prioritised.

Semester 1	English	Maths	VCE Unit 1 <b>Or</b> Work Ready	Science	Humanities	Health	Elective Unit	Elective Unit
Semester 2	English	Maths	VCE Unit 2 <b>Or</b> Work Ready	Science	Humanities	Careers	Elective Unit	Elective Unit

## VCE Units

Many Year 10 students are capable of successfully completing one VCE Unit. There are many advantages for students who start their VCE early:

- A wider range of subjects completed
- A chance to complete more Unit 3 & 4 sequences to improve chances for tertiary selection
- To help the school maintain a broader range of VCE Units
- To accelerate and motivate capable students

Students will choose their VCE subject based on personal interests and ability. Suitable VCE selections could include:

VCE Biology - Units 1 & 2

VCE Business Management - Units 1 & 2

VCE Design & Technology (Wood) - Units 1 & 2 \*

VCE Food Technology - Units 1 & 2 \*

VCE General Maths - Units 1 & 2

VCE History - Units 1 & 2

VCE Health & Human Development - Units 1 & 2

VCE Legal Studies – Units 1 & 2

VCE Media Studies – Units 1 & 2 \*

VCE Music – Units 1 & 2

VCE Physical Education - Units 1 & 2

VCE Psychology - Units 1 & 2

VCE Studio Art – Units 1 & 2 \*

VCE Visual Communication & Design - Units 1 & 2 \*

\* Subject Fees apply please refer to the Senior School handbook for further information.

## Work Ready

Students can choose to take part in this subject which is still categorised as an accelerated learning class (Units 1 & 2 of Industry and Enterprise) thus students will not be disadvantaged if they choose to complete a full VCE in years 11 & 12. This subject focuses on the world of work and has a compulsory work placement component in Terms 2 & 4. Students are expected to source their own work placement after consultation with staff and family.

# Year 10 Core Units

## Year 10 English

As in previous years students are ability grouped in English according to the individual's academic needs. Current English teachers are responsible for these groupings. Classes are structured in such a way that students will not be disadvantaged when undertaking VCE English and act as a platform for the future studies.

## Year 10 Mathematics

At year 10 students will continue to consolidate and extend their skills and understanding of mathematics, as well as prepare for the future study of mathematics at VCE and beyond. Courses are designed to provide students with the necessary skills and knowledge to continue on their chosen pathway.

## CORE MATHEMATICS

This year 10 unit prepares students for the study of maths at VCE. They incorporate the application of scientific and CAS calculators and computer software to a wide variety of computations. **This course leads directly to the study of VCE General Maths Units 1 & 2 and VCE Further Maths 3 & 4.**

Students choosing to do only Year 10 Core mathematics will **not** have the necessary skills to attempt Mathematical Methods at year 11.

## INTRODUCTION TO MATHS METHODS

This year 10 unit is only available for students who successfully complete the year 9 accelerated mathematics course. This unit contains additional algebra, graph and number work to broaden students' knowledge and understanding and prepare them for the study of Mathematical Methods at year 11. The unit incorporates further applications of scientific calculators, applications of graphics calculators and computer software to graphing functions. **Students, who successfully complete Introduction to Maths Methods, have access to the study of VCE General Maths 1 & 2 and Mathematical Methods 1 & 2 at year 11.**

## CORE PLUS MATHEMATICS

The Core Plus mathematics unit is a similar course to core mathematics but with a greater emphasis on algebra skills. Students who demonstrate a sound knowledge of the concepts covered in this unit have access to the study of all VCE mathematics Units.

**\*\* Only students recommended by their teacher will be able to pursue this course.**

## Science

The science curriculum has been developed to give students a solid background for further studies at VCE whilst providing them with the science literacy needed to operate in the modern world. The themes over the year will include: genetics and evolution, chemical reactions, psychology, physics, cosmology and study skills. Students will be using the Science Alive textbook, which will support the units and enable regular homework to be set and completed.

## Humanities

Year 10 Humanities covers the four areas within Humanities; Civics and Citizenship, Economics and Business, Geography and History. Students will study the legal system and human rights, financial literacy and economics, geographies of interconnections and human wellbeing, the globalising world and World War 2.

## Careers *(to be completed in either semester)*

Students must complete one semester of Careers during the course of the year. This unit has a focus on further education and training options, pathways and the skills required for seeking employment. All students will undertake a week of work experience either at the end of Term 3 or at the beginning of Term 4.

## Individual and Global Health *(to be completed in either semester)*

The year 10 curriculum encompasses Respectful Relationships, exploring emotional literacy, personal strengths and positive coping. Consent education, road safety, party safe practices, and online safety will be included in the unit. World health will also be explored, as an introduction to VCE Health and Human Development. This will give students the opportunity to compare Australia's health to that of other countries.

# Elective Units

## Arts

### DIGITAL PHOTOGRAPHY

*\* A fee of \$30 is required by students selecting this subject.*

This unit is designed to give students a thorough grounding in the art and capabilities of DSLR (Digital SLR) photography. Students will be shown how to control a camera in manual mode, shoot for different settings and conditions and set up lighting for studio photography i.e. Portraiture.

Through photography, students learn to reflect critically on their own experiences and responses to the work of other photographers to develop their own arts' knowledge. They learn, with growing sophistication, to express and communicate experiences through and about photography in the form of practical and theoretical outcomes.

### PUBLIC ART

*\* A fee of \$70 is required by students selecting this subject.*

This unit provides an experience in the visual arts focusing on the creation of public art for the college environment. Students will be engaged in planning and designing a mural for a specific school site; investigating the theme, preparing designs and presenting the ideas for approval through the set processes. Students will document their experience and learn to work with mural techniques that may range in the mediums of painting, mosaic, found objects and other resources that are suitable for the theme of the selected artwork. Students will research artistic processes and cultural contexts of artists from different historical backgrounds while engaging with local artists within our community to make their practical experience authentic and meaningful.

### VISUAL COMMUNICATION AND DESIGN

*\* A materials fee of \$70 is required.*

This unit focuses on the Visual Communication Model. Students apply graphic systems (2D and 3D), graphic elements (point, line, shape, tone, texture, letterform, colour), and graphic devices (symbols, maps, charts, technical drawings and illustrations). Students are set drawing exercises that require the use of specific methods and techniques to solve problems. They investigate the communication process and apply it to the development of graphic/visual presentations.

## English

### LITERATURE

This unit is for students who enjoy reading, thinking, talking and writing. It has a special focus on poetry, plays, novels, short stories and film. The unit will enable students to share their thoughts about great literature with a group of like-minded students who want to explore texts that are a little more challenging, but very rewarding.

The unit will also help students learn more about the nature of VCE assessment tasks, build confidence to participate in extensive classroom discussions and identify, explore and reflect on ideas and view-points about events, issues and characters portrayed in a variety of texts.

## **Health & Physical Education**

### **GAME SENSE**

Students will participate in a variety of team sports in a SEPEP unit, taking on roles including playing, scoring, umpiring, and organising. Students will collect and analyse various forms of data including heart rates, movement patterns and basic statistics from activities completed in class. Theory component covers statistics, data collection and data analysis, the skeletal system and the muscular system.

### **LEISURE & OUTDOOR SPORTS**

*\* A fee of \$50 is required by students selecting this subject.*

Students will have the opportunity to further develop and refine skills in leisure sports such as Lawn Bowls, Archery, Bocce, Croquet, Golf, Table Tennis, Ten Pin Bowling, and Indoor Bowls. Students will also take part in recreational activities and adopt different roles within the group. These activities may include mountain biking, fishing, bush walking and orienteering. Students will be expected to be involved in the organisation and administration of each recreational and leisure activity undertake

### **PEAK PERFORMANCE**

This unit has been designed to introduce students to the components of fitness and training methods which are required to gain improvements in health, as well as the principles that need to be followed to make training effective. Students will also learn the physiological changes which occur as a results of training. Students will develop their own training program which will prepare them for a 5km run. Students will be required to review and make changes to their training program on a regular basis. Students will complete the 5km run at the end of the semester. Other sports and activities undertaken are negotiated and cater for student interests.

## **Humanities**

### **MONEY & THE LAW**

The legal studies component of this unit introduces to students to the fundamentals of Victorian criminal justice law, including characteristics of a crime and related sanctions/punishment. Civil law is studied via the examination of negligence and defamation tort law with an emphasis on case studies.

The business management component of the elective introduces students to the fundamentals of business practice including innovation, enterprise, marketing, product development (goods and services) as well as business structures and planning.

In addition to the development of comprehension skills and analytical abilities and providing skills and knowledge pertinent to daily living, the unit provides students the opportunity to develop and explore concepts and understandings relevant to the VCE subjects Legal Studies and Business Management.



# Languages

## GERMAN - Semester 1

This unit is designed to develop all the language skills of listening, speaking, reading and writing to a higher and more sustained level competence. Students will be involved in a number of performance activities and will study a number of cultural topics. This unit is recommended to follow year 9 German. Students have the opportunity to host a German exchange student around Easter time.

## GERMAN - Semester 2

This unit will consolidate the basic language skills of listening, speaking, reading and writing. Students' cultural knowledge will be extended, and they will be involved in communicative tasks for each topic. More advanced language structures will be introduced.

Students have the opportunity to travel to Germany for 28 days as part of our school exchange.

# Mathematics

## PRE-VCE MATHS

Pre VCE Maths is a subject designed to build on the learning that students have undertaken during years 7 to 9 and consolidate their understanding of concepts that they will be undertaking in VCE General and Further Maths.

Students will also be given an introduction to the CAS calculator which is an essential tool for VCE Mathematics.

# Technology Studies

The Art/Technology area has special concerns in relation to the safe use of all tools and cutting implements. To give parents and students a clearer understanding of the types of equipment used, an additional section has been included (Equipment/Tools used) in the unit descriptions.

## DIGITAL TECHNOLOGIES

This unit is for students who are interested in further developing and consolidating their knowledge of digital systems and technologies.

Students will negotiate learning outcomes within their chosen area of interest to create a personalised curriculum. These could include areas such as web design, app development, Arduino systems, VR and others.

A design thinking model will be used to structure learning projects and encourage development of problem solving, creative and critical thinking.

## FOOD TODAY

*\* A fee of \$100 is required by students selecting this subject.*

This unit will focus on the qualities and skills required by a chef, providing students with relevant knowledge and practical experience. Students will be given the opportunity to undertake the responsibilities of a chef, including menu planning, food ordering, various food preparation skills,

food presentation and service. The processes of design, production, analysis and evaluation are developed through the unit.

Food groups will be investigated to broaden the student's understanding of their properties, nutritional value and contributions to health. The study will provide students with a sound skill base as an essential life-skill and for further development in future studies and in the workplace.

## **INTRODUCTION TO CABINET MAKING**

*\* A materials fee of \$95 is required.*

In this unit emphasis is placed on the design and construction of a project which will enable students to learn and utilize fine motor skills in woodworking and cabinet making. The students will be involved in the construction of a Clock, which will be determined by their clients needs and give students the opportunity to learn a variety of construction and joining techniques that are used in fine intricate work: Work will be practical in nature and allow for a variety of abilities and experience in the students. Tools & Equipment Used: Electric drill, jigsaw, drill press, disc sander, biscuit joiner and assorted hand tools.