



Heatherton
Christian College

YEAR 9 - 10 ELECTIVES GUIDE

2022



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Our College Vision

"Growing in Christ, Striving for Excellence, Influencing the World."

Heatherton Christian College is a high quality, contemporary Christian school where we seek to honour God in all we do. It is our aim for all of the students entrusted to us to come to follow Jesus Christ and be secure in Him, to develop academic and life skills needed for a fruitful and meaningful life, and to grow in their capacity to show leadership and care for others, for themselves and for God's creation.

Throughout a student's secondary schooling journey, Heatherton Christian College will provide them with a range of experiences to help prepare them with the Christian character and worldview to be able to truly "Influence the World". In this ever changing world, our desire is to enable our students to develop the mindsets, knowledge and skills that are needed to thrive in these modern times.

Fundamental to this journey is our "Five Foundations of a Whole Child" framework – this reinforces our focus and desire to grow the 'whole child', Spiritually, Academically, Emotionally, Socially and Physically.

The requisite or 'Essential Skills for the 21st Century' that we seek to foster in the students are Character, Citizenship, Critical thinking, Creativity, Collaboration, Communication, Connectivity and Computational thinking. These skills are interwoven throughout the curriculum and extracurricular experiences of the students, and all of these are guided and framed within our College Strategic Priorities of:

- » Faith in Action
- » Learning and Creativity
- » Innovation and Enterprise
- » Growing Leaders
- » Health and Wellbeing

Our Years 9 & 10 curriculum program reflects these priorities and skills and consists of both core (compulsory) subjects, as well as the opportunity for students to study additional elective subjects.

Students entering Year 10 should, as a priority, already have completed their VCE Course Planner and submitted their VCE preferences. Their choices there will affect what choices, if any, are still required to be made.

This Electives Guide for Years 9 & 10 contains information on each of the elective subjects and is designed to assist students in selecting their educational pathway through HCC and beyond.

As well as using this guide, we encourage students to discuss their possible choices with their parents, and to consult with their teachers for more specific subject information. We especially encourage students to prayerfully consider how these subjects may fit into their development of breadth and depth in character and skills, for their pathway ahead as they look to move through their VCE years and into their intended post-secondary destinations.

We wish you well as you move through this important stage of Secondary school.



Phil Eastman

PHIL EASTMAN
Head of Campus



David Holloway

DAVID HOLLOWAY
Head of Curriculum



Additional Features of Year 9 & Year 10

Year 9 – Year of Challenge Program

Students in Year 9 can often benefit from different forms of engagement and challenge with their schooling as they develop their sense of self, therefore we provide them with a range of powerful learning experiences, both in and outside of the classroom, all aimed to help them remain positive and connected to God, others and the College community.

This happens through the 'Year of Challenge Program' that consists of four major challenges (one per term) and requires them to be involved in several other activities throughout the year.

The major challenges are:

- | | |
|---|----------|
| WASP Camp (Wilderness camp) | – Term 1 |
| City Challenge – Inquiry based learning project | – Term 2 |
| Community Service Challenge | – Term 3 |
| Physical Challenge – 100km bike ride | – Term 4 |

As well as being challenged by new experiences within the College and as part of the wider community, student participation and initiative, attitudes and effort are all taken into account as they accrue points towards the 'Nehemiah Leadership Award'.



Year 10 “Youth Adventures” - Mission Trip

A highlight of Year 10 is the opportunity for students to participate in a 10 day Missions Trip to Queensland. This trip, which usually takes place at the end of Term 3, involves students receiving discipleship training with YWAM (Youth With A Mission) in Townsville before heading off in smaller teams to serve in an Aboriginal community. This trip is often a life changing one for the students as they experience short term mission work, live amongst Indigenous Australians, and see God at work through them and in the lives of the communities in which they serve.



Careers/Vocational Studies

We have recognised the need for us to support students in considering and seeking to identify and clarify their future pathways of study, vocation, personal gifts, abilities and passions. Hence, students will have formal Careers classes to assist them to explore future study options through to VCE level and beyond. Students will be encouraged to consider possible options that may involve university and/or TAFE courses, mission/service options and future careers.

VCE/VCAL Journey – Choices start in Year 10

Students going into Year 10 will have received a VCE Subject Handbook. Using this resource, and after attending the VCE information night, students are able to create their VCE Course Planner and submit their VCE preferences.

Students may choose to start their VCE Course in Year 10. This is done either through VET Hospitality or one of the VCE subjects offered in advance. (See VCE Subject Handbook). Academic diligence and interest in the subjects offered are required for students to succeed in advancing these subjects into their Year 10.

Students not completing VCE subjects in Year 10, partake in our FLO class. Whilst we offer the opportunity for students to take on the challenge of studying a VCE Unit 1 & 2 subject in Year 10, there is no disadvantage to students who do not start their VCE 'early' as the goal is for students to work hard and achieve their best results in whatever area of study they undertake as they build up to a successful outcome in Year 12.

VCAL stands for the Victorian Certificate of Applied Learning. It is a senior secondary certificate of education, offered as an alternative to the VCE, for students who do not need an ATAR and who may be better suited to applied learning than academic study. Those interested in this pathway should discuss this with our Careers teacher. Similar to VCE, this can be started in Year 10.



Year 9 Block

Year 9 Elective: French

Heatherton Perspective

French is widely spoken internationally and is an official language for many organisations and at international events. The study of French enables students to:

- Learn the French language
- Communicate with others and facilitate travel in French speaking countries
- See the world from a different perspective
- Enhance vocational prospects
- Better understand their own language system
- Learn about French culture
- Begin lifelong learning of French for further study or leisure



This would be a good choice if you would like to broaden your horizons, as more than 300 million people speak French across five continents. Being multi-lingual can open the international job market, with French commonly used among industries such as gastronomy, fashion, visual arts, theatre and architecture. Fluency in French also opens doors to higher-education opportunities with quality French universities and business schools.

Course Objective

Year 9 French leads to VCE language studies and possibly further, to university studies. It is the foundation for personal language learning pursuits related to reading and speaking for pleasure, work or travel. Knowledge of a foreign language can be a valuable asset vocationally, especially in areas such as commerce, education, fashion and hospitality industries, law, media, politics, overseas aid and tourism.

Content

This course involves learning French language that relates to everyday life situation topics such as:

- Personal Information, Relationships, Sports and Hobbies
- House, Home and Family life
- School life and Daily routine
- Health and Fitness

Assessment

- Reading, writing, listening and speaking tests for each chapter
- Mid-year and end of year exams

VCE subjects this course leads to:

The course will prepare students for the study of VCE French.

Unit Cost (as covered in the Electives levy)

This course will have a cost of \$50.



Year 9 Elective: Pre - Hospitality

Heatherton Perspective

Hospitality is one of the most basic graces of the Christian life. Christ is the perfect example and Master of Hospitality, even refusing to send hungry crowds away without feeding them for the journey. This elective is designed as a 'taster' for our VET hospitality streams in Years 10 to 12.

This subject would be a good choice if you enjoy hands on learning and serving others. It can be helpful if you are looking to explore potential interest in the catering industry, or to equip you with life skills for providing food and hospitality in your homes.



Course Objectives

- To provide students an opportunity to experience working in a commercial kitchen
- To equip students with Hospitality skills that would enable them to become self-sufficient in the commercial kitchen
- To provide students an opportunity to prepare ingredients, cook and present food to Hospitality standards
- To immerse students in an enjoyable cooking culture

Content

- Use food preparation equipment
- Clean kitchen premises and equipment
- Use hygiene practices for food safety
- Follow Occupational Health and Safety procedures
- Use basic methods of cookery
- Prepare and serve simple dishes (canteen duties)
- Work effectively with others

Assessment

- Food safety online test
- Observation
- Mini research project – workplace conflict management

VCE subjects this course leads to:

While this elective is not a pre-requisite, it will assist in developing interest, skills and knowledge for the study of VCE VET Hospitality courses.

Unit Cost (as covered in the Electives levy)

This course will have a cost of \$150.



Year 9 Elective: E School

Heatherton Perspective

We are made in the image of an infinitely creative God, the first entrepreneur, the One who brought our world out of nothing, established order out of chaos, created for the good of others. This truth validates the deep desire in our souls as human beings made in the image of our God, to create.

At Heatherton Christian College, one of our strategic goals is to raise Christian thinkers, designers, and entrepreneurs who solve problems and create ethical and sustainable social and business solutions. The E School is designed to empower students to discover their identity in God, and pursue the issues and ideas that they care for and they are passionate about. E School seeks to develop reflective and ambitious goal-setters that seek to lead change and influence others to make the world a better place.



This elective would be a good choice if you want to become a problem solver for yourself and others, and you want to awaken the skills of creative innovation God has placed in you.

Course Objectives

- To develop the important mindset and skills for design thinking
- To see how design thinking can be applied to careers, further education and life scenarios
- Encourage and celebrate creativity, problem-solving, teamwork and innovation

Content

Students in Year 9 will work together to create a social enterprise, that aligns with one of the 17 Sustainable Development Goals as defined by the United Nations. This will be done with four different challenges throughout the year: School, Community, Societal, and Global.

Assessment

As students make their way through the E School Curriculum, they'll create multiple forms of academic output such as research papers, multimedia presentations, films, works of art, and creative writing. These projects go into an academic portfolio, a digital collection that showcases progress for evaluation and assessment. This can be kept and modified to show a body of most substantial work to universities and future employers.

VCE subjects this course leads to:

The skills learned in E School can enhance student application and independent learning skills for any other subject. In particular, E School can lead to similar VCE subjects such as Business Management, Legal Studies or Industry and Enterprise.

Unit Cost (as covered in the Electives levy)

This course will have a cost of \$50.



Year 9 - 10 Combined Block

Year 9 - 10 Digital Technology A (Networks, Big Data & Programming)

Heatherton Perspective

As the world moves to a greater dependence on digital technologies, this course will introduce students to a range of design briefs that will equip them to navigate this environment. Students will develop an understanding of the role of hardware and software in the transmission of data across networked systems, manage collaborative tasks while considering function and non-functional requirements of stakeholders and apply algorithmic thinking to everyday real-world tasks. The course will prepare students for the study of VCE Applied Computing then VCE Software Development, by allowing them to develop a variety of skills and techniques.



This would be a good choice if you want a career in programming or a computer/networks related field, or you just love or want to know more about coding and computers/digital systems.

Course Objectives

- Understand the role of hardware and software in networked digital systems
- Understanding the privacy concerns, problems and challenges surrounding data-driven digital solutions
- Explore and develop Object-Oriented Programming (OOP) skills
- Use problem-solving methodology to design, build and evaluate a digital game
- The course will culminate in students drafting and designing a final collaborative Augmented Reality project, which they will plan and implement using project management methodology

Content

- Networks, communication and security
- Digital collaborative tools
- Design digital solutions
- Critical analysis of data collection
- Introduction to programming and algorithms
- HTML and basic website design

Assessment

The course objectives and contents will be assessed through a variety of Inquiry based learning projects and structured exercises.

VCE subjects this course leads to:

While not a prerequisite, this course will help prepare students for the study of VCE Applied Computing Units 1 and 2 and VCE Software Development Units 3 and 4 by allowing them to develop a variety of necessary skills, techniques and knowledge.

Unit Cost (as covered in the Electives levy)

There is no additional unit cost.



Year 9 - 10 Digital Technology B (Security, Data Analysis & Robotics)

Heatherton Perspective

As the world moves to a greater dependence on digital technologies, this course will introduce students to a range of design briefs that will equip them to navigate this environment. Students will develop an understanding of the role of hardware and software in the transmission of data across networked systems, manage collaborative tasks while considering function and non-functional requirements of stakeholders and apply algorithmic thinking to everyday real-world tasks. The course will prepare students for the study of VCE Applied Computing then VCE Software Development, by allowing them to develop a variety of skills and techniques.



This would be a good choice if you want a career in programming or a computer/networks related field, or you just love or want to know more about coding and computers/digital systems.

Course Objectives

- Students learn to code through robotics and embedded systems to scaffold their ability to think logically, algorithmically and sequentially
- Understand and explore how data can be secured through various methods such as access controls, virus checking, encryption, backups, data masking, and data erasure
- Understand and examine malicious code and design a secure digital system
- Use tools to organise data and make sense of complex data to identify patterns and trends
- Explore programming and design; a digital solution to suit an identified need or solve a problem
- The course will culminate in students drafting and designing a final collaborative digital media campaign project, which they will plan and implement using project management methodology and functional/non-functional requirements

Content

- Robotics and programming
- Digital collaborative tools
- Design digital solutions
- Data security and analysis
- HTML and basic website design
- Free choice robotics project

Assessment

The course objectives and contents will be assessed through structured projects.

VCE subjects this course leads to:

While not a prerequisite, this course will help prepare students for the study of VCE Applied Computing Units 1 and 2 and VCE Software Development Units 3 and 4 by allowing them to develop a variety of necessary skills, techniques and knowledge.

Unit Cost (as covered in the Electives levy)

There is no additional unit cost.



Year 9 - 10 Music Production & Performance

Rationale

Year 9 - 10 Music Technology and Performance offers a 'hands on' approach enabling students to participate from various musical backgrounds and experience. Focusing on two streams of learning allows students to have the choice of directing their study in the areas of either Technology or Performance.

Performance

Performance is aimed at further developing performance and musicianship skills of the student in an active learning environment. Students explore and develop rehearsal and performance techniques on their chosen instrument throughout the semester and will be given the opportunity to participate in various performances. Foundational music theory and aural training, as well as developing analysis and composition skills, gives students a good platform to move towards undertaking VCE Music or just for their own growth in musical appreciation and application.



Music Technology

This stream offers students the opportunity to learn about sound technology, using mixing desks, as well as recording, production and studio techniques. In this unit students are also given the opportunity to explore using different forms of ICT in music and performance. Students do not need to have advanced musical skills to undertake this area of study.

Content

- Foundational sound technology
- Explore studio recording techniques
- Foundational theory, aural and analysis skills
- Composition and recording
- Develop individual instrumental skills and
- Develop rehearsal and performance techniques
- Technology for performance

Assessment

- Theory, Aural and Analysis
- Topic 1: Sound technology
- Topic 2: Working in the Music industry
- Topic 3: Performance
- Topic 4: Historical research

VCE subjects this course leads to:

While not a prerequisite for VCE Music, this course will begin to prepare students for the study of VCE Music Performance by allowing them to develop a variety of necessary skills, techniques and knowledge.

Unit Cost (as covered in the Electives levy)

This course will have a cost of \$60 per unit



Year 9 - 10 Visual Communication Design

Heatherton Perspective

God has designed creative and varied ways to communicate with us. In Visual Communication Design, students learn to convey ideas and information to an audience through visual language and develop conceptual and aesthetic understandings about design solutions in the world around them.

The visualisation of ideas and observational drawing are the basis for researching and developing visual communication designs. Design thinking involves the application of creative, critical, and reflective techniques and is fundamental to learning in this subject. Students will also explore the significance of visual communication design in different times, places and cultures and apply this knowledge in their own work.

Course Objectives

- To develop confidence, curiosity, imagination, and enjoyment through an engagement with visual communication design practices
- To develop creative and innovative ways to communicate ideas and information
- To provide aesthetic knowledge, including the application of design elements and principles, as they explore visual communications
- To develop creative, critical, and reflective thinking, using visual design thinking skills
- To grow respect for the diverse roles and practices of designers and the cultural context of visual communication design



Content

- Develop, present, analyse and evaluate visual communications that demonstrate the application of methods, materials, media, design elements and design principles that meet the requirements of a specific brief and target audience
- Use manual and digital drawing methods to create visual communications in the specific design fields of Environmental, Industrial and Communication Design
- Analyse and evaluate the factors that influence design decisions in a range of visual communications from different historical, social, and cultural contexts

Assessment

- Class work – research and developmental work in a visual diary and resolved design solutions
- Written work based on investigating designs from different cultures and historical contexts.
- Skill, knowledge and understanding of the design process for producing designs and design solutions
- Skill in the analysis of their own and others' design work

VCE subjects this course leads to:

The course will prepare students for the study of VCE Studio Arts and VCE Visual Communication Design, by allowing them to develop a variety of necessary skills, techniques, and knowledge.

Unit Cost (as covered in the Electives levy)

This course will have a cost of \$100.



Year 10 Block

Flexible Learning Options – Year 10 Only

Students who are not completing a VCE Unit 1 & 2 subject in Year 10 will take part in this Flexible Learning Option (FLO) class. As the name suggests, students will be given a variety of options within this class and will be required to become reliable independent learners, including some periods for private study towards their learning option. Whatever option students choose, their learning will contribute towards:

The Capstone Project

- The Capstone Project is a year-long individual project on the student's chosen Flexible Learning Option, that culminates in a presentation on completion.
- Capstone Projects may take the form of starting up a sustainable business, studying a global issue and designing a product or program to help address it, conducting a scientific study and presenting findings, inventing an IT solution to a problem, creating a documentary film, or other creative ways to demonstrate mastery of a subject.
- The FLO supervising teacher will guide students throughout the process.



How will students select their FLO

- Some students already have areas of interest or passion that they would love to develop through a Capstone project.
- For others, our FLO supervising teacher will guide them in discovery of an option that is meaningful to them and has potential to be a great project.
- Some students may prefer to include a more structured, existing course, to then form into a presentation.
 - This could be from a local TAFE, Emerging Sciences Victoria or Virtual School Victoria (formerly Distance Education). These courses would all have an additional cost and, due to their nature, will not be a suitable option for all students. Before students select a study from outside of Heatherton, they must seek agreement from the College that it is a practical and suitable option.

Choices for FLO using existing courses

Virtual School Victoria:

- Year 10 students may elect to do another Year 10 study or a VCE subject that is not offered at Heatherton Christian College, for one or both semesters.
- This option requires online, independent learning supported by an assigned teacher from VSV who maintains contact with the student, can respond to questions, assesses the submitted work and communicates with the student, parent and school. Over the years, Heatherton students have completed a number of subjects through VSV including English Literature, Economics, Philosophy and Specialist Maths. A full list of subject options is available at the Virtual School Victoria website <http://www.vsv.vic.edu.au>.
- Virtual School Victoria subjects cost approximately \$850, the cost being the responsibility of the parents.

Emerging Sciences Victoria:

- Students may choose a semester long science subject that is run online through the John Monash Science School. The weekly format involves two live 'virtual classes', led by highly qualified and engaging presenters, including Monash University professors,



Year 9 - 10 Electives

as well as the opportunity to engage in discussions with other enrolled students from other schools. Previous FLO students have undertaken courses including Neuroscience and Nanotechnology.

- This option is suitable for students with a keen interest in science and who can work both independently and collaboratively. Further information is available through the ESV website - <https://emsci.vic.edu.au/>
- The cost is approximately \$300 for each semester unit undertaken; this being taken from the Electives levy.

TAFE - VET:

- These are offsite VET courses that are done through and at a TAFE provider. There is a large variety of subjects available. Heatherton students in the past have chosen courses in Fashion, Make Up, Computer Game design, Automotive and Architectural Drawing, all whilst still enrolled at HCC. Cost and transport would be the responsibility of the parents. Some of these courses are unsuitable due to requiring students to miss too many school periods.



Year of Challenge



Core Curriculum: Year 9 & Year 10

Students in Year 9 and Year 10 will continue studies in the following core subjects:

- English
- Mathematics
- Science
- Humanities
- Physical Education & Sport
- Careers
- Healthy Choices
- Year of Challenge Classes (Year 9)
- Christian Life
- Chapel, Assemblies and Class Homeroom





Years 9 - 10 Elective Planner

Complete this for your own record. Then enter these into the online form that will be emailed.

Year 9 Block	
<i>Select one of the two options</i>	
<input type="radio"/>	French major - full year for French
<input type="radio"/>	A semester each of E School and Pre-Hospitality

Year 9 - 10 Block	
<i>Select Full Year or 2 Semester length subjects</i>	
Full Year Options	Semester Electives (choose 2)
<input type="radio"/> VET - HOSPITALITY (VCE Units 1 & 2) <input type="radio"/> Year 10 French	<input type="radio"/> Digital Technologies A
	<input type="radio"/> Digital Technologies B
	<input type="radio"/> Visual Communication Design
	<input type="radio"/> Music Production and Performance

Year 10 students choosing to do Hospitality (VCE/VET Units 1 & 2) as part of their VCE Course Plan, or Year 10 French, are not required to also choose electives.

Year 9 students interested in Visual Communication Design as a future VCE subject are encouraged to take the related elective in Year 9, as this will be offered as an 'advanced' VCE subject for Year 10 in 2023. The electives are not prerequisites for the VCE subjects they lead to, yet they will assist in developing related skills.

Year 10 Block	
<i>Choose one VCE subject or FLO</i>	
<input type="radio"/> VCE Subject - Units 1 & 2 Legal Studies Physical Education Studio Arts	<input type="radio"/> FLO (Flexible Learning Options)

Students who have not chosen a VCE Unit 1 & 2 subject to study in Year 10 are allocated into FLO. This would already have been indicated in your VCE Course planner and subject selection preferences.



Curriculum Pathways & Curriculum Map

Curriculum Pathway	Year 7 & 8 Subject		Year 9 & 10 Subject		VCE/VCE VET Subject
Languages	English French	→ →	English French	→ →	English French
Humanities & Business / Legal	Humanities E School	→	Humanities (History/Geography) Law & Parliament E School	→	History Legal studies Business Management
Mathematics	Mathematics	→	Mathematics	→	General/Further Maths Mathematical Methods Specialist Maths
Science	Science STEAM	→	Science Flexible Learning Options Emerging Sciences Victoria#	→	Biology Chemistry Physics Psychology
Technology & Engineering	Digital Technologies STEAM	→	Digital Technologies	→	Applied Computing
Visual & Performing Arts	Art	→	Studio Arts Visual Communication Design	→	Studio Arts Visual Communication Design
	Music Instrumental bands* Performing Arts Product Design & Technology - Textiles	→	Music College band*	→	Music Performance
Physical Health & Wellbeing	Physical Education Interschool Sport	→	Physical Education Interschool Sport	→	Physical Education Interschool Sport*
	Healthy Choices Outdoor Education	→	Healthy Choices		
Hospitality	Pre - Hospitality	→	Pre - Hospitality	→	Hospitality: • Kitchen Operations (VCE VET) • Front of House (VCE VET) • Patisserie (VET)
Vocational Studies	E School		Careers Education		
Faith & Service	Christian Life Student Chapel	→	Christian Life Student Chapel Year 9 Year of Challenge program	→	Gravitate (VET) Student Chapel
	Year 7 & 8 Camp*	→	Year 9 WASP camp* Year 10 Queensland Missions Trip*	→	Year 11 City Missions Trip* Year 12 Thailand Missions Trip*

Please note:

1. **Italics** denotes that this is an elective subject
2. * denotes a co-curricular activity (non timetabled)
3. VCE / VCE VET options may be increased through Virtual School Victoria and/or an offsite TAFE course
- examples of subjects available through Distance Education include, **Accounting, English Literature, Geography, Health & Human Development**
4. # Emerging Sciences Victoria electives – these Science units are studied online through the John Monash Science School



Heatherton

Christian College

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