



Year 10 Handbook 2025

**NEWHAVEN
COLLEGE**

Table of Contents

Key Personnel	4
Academic Board (drawn from)	4
Learning Leaders.....	4
House Leaders.....	4
Important Dates.....	5
VCE Studies in Year 10	7
Year 10 Compulsory Program.....	8
Year 10 English (Compulsory).....	8
Year 10 Humanities.....	8
Year 10 History (Compulsory).....	8
Year 10 Commerce – Money, Markets and the Law (an option with History)	9
Year 10 Geography (an option with History).....	9
Year 10 Science (Compulsory).....	9
Year 10 Physical Sciences (Compulsory option 1).....	10
Year 10 Forensic Science (Compulsory option 2).....	10
Year 10 Psychology (Alternate semester option of Science)	10
Year 10 Marine Science (Alternate semester option of Science).....	10
Year 10 Mathematics (Core)	11
10 General Mathematics (Option 1).....	11
10 Mathematical Methods (Option 2)	11
Year 10 Foundation Mathematics (Option 3).....	11
Mathematics Pathways.....	12
Year 10 Elective Options	13
Year 10 3D Art of ceramics and sculpture (Elective).....	13
Year 10 2D Art of drawing, painting and printmaking (Elective)	13
Year 10 Commerce – Money, Markets and the Law (Elective)	13
Year 10 Digital Design & Technologies (Elective).....	13
Year 10 Food Studies - Community Catering (Elective)	14
Year 10 Geography (Elective).....	14
Year 10 Japanese (Elective)	14
Year 10 Media (Elective)	15
Music Pathways.....	16
Year 10 Music: Creating and performing (Elective 1).....	16
Year 10 Music: In the studio and on the stage (Elective 2)	16

Year 10 Physical Education: Sports development (Elective).....	17
Year 10 Physical Health (Elective)	17
Year 10 Product Design Technology (Textiles) (Elective).....	17
Year 10 Product Design Technology (Wood/Metal/Plastics) (Elective).....	17
Year 10 Psychology (Elective).....	18
Year 10 Surf Safety and Recreation (Elective)	18
Year 10 Visual Communication Design (Elective)	18
VET Music Performance	19
VET Building and Construction (Carpentry).....	21

Key Personnel

College Principal	Tony Corr	tony.corr@newhavencol.vic.edu.au
Head of Senior School (Interim)	Brett Torstonson	brett.torstonson@newhavencol.vic.edu.au
Director of Learning	Karen Milkins-Hendry	karen.milkins-hendry@newhavencol.vic.edu.au
VCE Coordinator	Elaine Epifano	elaine.epifano@newhavencol.vic.edu.au
Careers Advisor	Anthea Bennett	anthea.bennett@newhavencol.vic.edu.au

Academic Board (drawn from)

Head of Senior School (Interim)	Brett Torstonson	brett.torstonson@newhavencol.vic.edu.au
Director of Learning	Karen Milkins-Hendry	karen.milkins-hendry@newhavencol.vic.edu.au
VCE Coordinator	Elaine Epifano	elaine.epifano@newhavencol.vic.edu.au
Learning Support Leader	Kurt Chadwick	kurt.chadwick@newhavencol.vic.edu.au
Careers Advisor	Anthea Bennett	anthea.bennett@newhavencol.vic.edu.au
House Leaders		

Learning Leaders

Instructional Leaders	Nathan Leys	nathan.leys@newhavencol.vic.edu.au
	Ann-Marie McLean	ann-marie.mclean@newhavencol.vic.edu.au
	Corinne Phillips	corinne.phillips@newhavencol.vic.edu.au
	Sarah Taylor	sarah.taylor@newhavencol.vic.edu.au
Targeted teaching	Peter Clerks	peter.clerks@newhavencol.vic.edu.au
LMS and tech solutions	Travis Thompson	travis.thompson@newhavencol.vic.edu.au

House Leaders

Bass House	Sharon Paterson	sharon.paterson@newhavencol.vic.edu.au
Clarke House	Hugh Wilson	hugh.wilson@newhavencol.vic.edu.au
McHaffie House	Hannah Blake	hannah.blake@newhavencol.vic.edu.au
Sambell House	Cameron Pedersen	Cameron.pedersen@newhavencol.vic.edu.au

Important Dates

Term 3 2024

Subject Selection

Thursday 1 August	Year 10 Parent Information Evening
Wednesday 31 July	Years 9-12 Parent Teacher Interviews (in person)
Monday 12 August	Years 9-12 Parent Teacher Interviews (online)
Friday 16 August	Year 10 2025 Subject Selections due

Term 4 2024

Early Commencement

Early Commencement is an opportunity for students to start the next part of their Senior School journey. Some students will learn about their VCE courses, all students will learn about their new classes whilst reflecting on how to bring the strength of the Year 9 experience into their final years of schooling.

Monday 25 November	Early Commencement program (TNT) begins
Friday 29 November	Early Commencement program (TNT) concludes

2025

Term 1

Friday 31 January	Year 12 Forum Day & Year 1 - Year 7 commence
Monday 3 February	Year 9 - 11 commence
Friday 4 April	Term 1 concludes

Term 2

Wednesday 23 April	Term 2 commences
Friday 27 June	Term 2 concludes

Term 3

Tuesday 22 July	Term 3 begins
Friday 19 September	Term 3 concludes

Term 4

Monday 6 October	Term 4 begins
Friday 28 November	Term 4 concludes (Years 9 to 11)

Year 10 Curriculum Structure

The Year 10 Curriculum reflects the beginning of the Senior School Program. It consists of compulsory core units and a range of elective choices, all leading to VCE Units or other specialisations. The core units, within the Australian Curriculum are designed to provide students with a solid foundation for future studies. The central premise of the Australian Curriculum underpins the Year 10 program; every student is entitled to the opportunity of acquiring skills in each of the core domains. Both the core and elective units are modelled on a VCE structure and provide opportunity for enhancement, enrichment, enjoyment and of course, essential development of skills.

The compulsory studies are;

- English (2 semesters)
- Mathematics 2 semesters (with built in choice for personalisation)
- Science 2 semesters (with built in choice for personalisation)
- Humanities 2 semesters (Compulsory History and a choice for the alternate semester of study)

The elective program allows students to explore areas of interest; they are not prerequisites for VCE studies, but a student's level of enjoyment and success in the subject may help inform their future subject choices.

Students will select **four elective units**. Each elective runs for a semester.

Students can also continue the study of a language in Year 10; this is an elective choice. The study of a language will take the place of **two** electives.

Elective Options

Year 10 Art: 2D

Year 10 Art: 3D

Year 10 Commerce – Money, Markets and the Law

Year 10 Digital Design & Technologies

Year 10 Drama Performance and Design I

Year 10 Drama Performance and Design II

Year 10 Forensic Science

Year 10 Food Studies – Community Catering

Year 10 Geography

Year 10 Japanese (all year)

Year 10 Marine Science

Year 10 Media

Year 10 Music: Creating and performing

Year 10 Music: In the studio and on the stage

Year 10 Surf Safety and Recreation

Year 10 Physical Education: Human Movement

Year 10 Physical Health

Year 10 Physical Education: Sport focus

Year 10 Product Design Technology (Textiles)

Year 10 Product Design Technology (Wood/Metal/Plastics)

Year 10 Psychology

Year 10 Systems Engineering

Year 10 Visual Communication Design

VCE Studies in Year 10

There is also an option for students to select a VCE unit whilst in Year 10. Students considering studying a VCE unit must have achieved strong academic grades in Year 9, particularly in key learning areas relevant to the VCE unit under consideration. The expectation is that the student will have at least a B+ average across the core subjects.

Students wishing to study a VCE subject must complete a separate application form and send to Mrs Milkins-Hendry (Director of Learning). Approval to study a VCE unit will take into account academic grades, discussions with teachers and a student's purpose for pursuing study at this level. Each request to study a VCE unit will be considered on its merits.

VCE studies will take the place of **two** electives. The VCE handbook is available in the Documents section of SEQTA Learn or Engage. Not all VCE studies are open to Year 10 students.

Students are encouraged to read this document carefully and discuss their choices with parents and teachers during the selection process. Ms Anthea Bennett (Careers Advisor) is available to all Year 9 students to ensure that all pathways for maximum success have been explored and explained. Ms Bennett will also be conducting information sessions on the VET (Vocational Education and Training) programs available.

The VCE choices are listed below – please refer to the VCE Handbook for subject descriptions

VCE Units available for Year 10 students in 2025

- Units 1&2 - Biology
- Units 1&2 - Business Management
- Units 1&2 – Food Studies
- Units 1&2 - Geography
- Units 1&2 - Health and Human Development
- Units 1&2 - History: Modern History
- Units 1&2 - Legal Studies
- Units 1&2 - Outdoor & Environmental Studies *
- Units 1&2 - Physical Education

*can be taken as a separate unit for a semester only if wish

VET Options

VET Year 1 - CUA30915 Certificate III in Music Industry

VET Year 1 - 22338VIC Certificate II in Building and Construction Pre-apprenticeship (Carpentry Stream)

Year 10 Compulsory Program

Year 10 English (Compulsory)

Students study the craft of storytelling and are encouraged to use their own experiences as a basis for reflective writing. The study of a set text and film to deepen understanding of language, themes and characters leading to creating an analytical essay is a core component of the course. They engage with a broad theme through analysing excerpts from a number of authors, allowing students to explore and express ideas about the world. Students demonstrate through their own writing, the importance of having a 'voice' and recognising it can be a powerful tool for change. Analysing and deconstructing a range of persuasive texts, supports the production of an Argument and Language Analysis. The use of technology to create a multi-modal approach to exploring the content enhances students' skills and knowledge of the contemporary and future world.

Year 10 Humanities

Compulsory	Choice
One semester of: History	<i>Plus one semester of:</i> Commerce <i>or</i> Geography

Exemptions:

If a student is studying Unit 1&2 Modern History then they do not study Year 10 History

If a student is studying Unit 1&2 Geography, Business Management or Legal Studies they study Year 10 History only

If a student is studying Year 10 Japanese then Year 10 History is mandated and another Humanities subject is optional.

Year 10 History (Compulsory)

In History students will explore the historical significance of the period between 1918 and the early 21st century. They consider the causes and effects of events, developments, turning points and movements in 20th-century Australia and internationally, leading up to and through World War II, and the post-war world. They describe social, cultural, economic and political aspects related to the changes and continuities in Australian society over this historical period. They also consider the role of significant ideas, individuals, groups and institutions connected to the developments of this period and their influences on Australian and global history.

All students study History. The alternate semester of Humanities is drawn from either Commerce or Geography.

A student can study all three units if they choose one of these as an elective option as well.

Year 10 Commerce – Money, Markets and the Law (an option with History)

Through the study of Commerce students learn how economic forces impact upon their world and how our resources can be used effectively and efficiently to ensure that economic benefits are maximized. This study also allows students to understand the way that political systems operate and how the laws that govern our society help us to function better as a nation. Students will develop skills in managing their personal finances and gain a basic understanding of how markets operate through the study of the Australian economy. Students will also receive an introduction to the processes and functions of the Australian legal system. Key topics include: Managing Credit; Market Forces; the Role of Government in the Australian Economy and the Australian Legal System. Through the study of Commerce Year 10 students will be prepared for further studies in the areas of Economics, Legal Studies and Politics, Accounting and Business Management.

Year 10 Geography (an option with History)

In the Geography component students will study two units. The first “Environmental Change and Management”, focuses on a detailed study of a specific environment such as coasts, urban areas or inland waterways. The second unit the “Geography of Wellbeing” explores the global, national and local differences in human wellbeing and standards of living. The range and effectiveness of programs to reduce the gap in human wellbeing will also be considered. Using key geographic ideas such as location, spatial distribution and change over time, students will explore each unit using a range of data including primary data sourced from fieldwork activities. This study of Geography aims not only to equip students for their studies in VCE Geography, but also encourages them to consider their place in the world.

Year 10 Science (Compulsory)

It is compulsory to study two semesters of Year 10 Science at Newhaven College (unless you are undertaking Unit 1&2 Biology)

Compulsory	Choice
One semester of: Physical Sciences or Forensic Science (Exposure to Biology, Chemistry and Physics)	<i>Plus one semester of:</i> Psychology or Marine Science or Forensic Science

The Year 10 Science program has been developed to refine and extend skills, concepts and experiences formulated in the first three years of secondary schooling.

The **highlighted** semesters represent a standard Year 10 Science course.

Studying any combination of the Science semesters lays a foundation for entry into **all** VCE Science subjects in 2025.

Exemption: If a student is studying Units 1&2 Biology then only **one** semester of Science is mandated.

Year 10 Physical Sciences (Compulsory option 1)

In this option, Students recognise that all substances consist of atoms, and that chemical reactions involve atoms in substances being rearranged and recombined to form new substances. They explore chemical systems at a range of scales, from sub-atomic to macroscopic, to examine relationships between atoms, properties of substances and energy. Students develop an understanding of forces and motion, and matter and energy. They investigate how an object's motion is influenced by a range of forces and learn how to represent and predict these interactions.

Year 10 Forensic Science (Compulsory option 2)

This course is designed to introduce students to the basics of Chemistry, Biology and Physics through the lens of Forensic Science. Chemistry and Physics will not be studied to the same depth as in the Physical Sciences option. Students analyse key evidence types using practical techniques drawn from Chemistry, Biology, Physics and Psychology. There is a significant practical component in this course and practical skills will be developed throughout the semester.

Year 10 Psychology (Alternate semester option of Science)

Students are presented with Psychology as a Science and the role of a Psychologist. In semester one there is further investigation of several specialised areas of psychology include personality, forensic psychology, the nervous system, brain health and sleep. Semester two sees the exploration of major ways in which learning occurs, including classical conditioning, operant conditioning and social learning. Students study a selection of Mental health disorders and finally the importance of childhood development on a physical, social, emotional and moral level. Tasks will be provided to allow students to consolidate their research and investigation skills.

Year 10 Marine Science (Alternate semester option of Science)

Marine Science is a multi-disciplinary study aiming to develop a sense of wonder and curiosity into the complexity of marine life. The course aims to develop respect for all living things and promote global stewardship of the oceans. Topics include Biology, Ecology and Oceanography. Students will explore marine life from microscopic plankton to large marine mammals and the interconnections of many species that lie between including behavioural and physiological traits. They then explore the physical properties and processes of the oceans such as currents, tides, waves, the chemical composition of seawater along with the biogeochemical cycles that play a vital role in ocean ecosystems. Using the information they have learned, they analyse the interactions between organisms and the environment, studying different habitats and the relationships among species leading into addressing the protection and sustainable management of marine resources.

Year 10 Mathematics (Core)

10 General Mathematics (Option 1)

The Year 10 General Mathematics Course has a focus on increasing student proficiency in mathematical knowledge, skills and understanding through the content strands of Number and Algebra, Measurement and Geometry, and Statistics and Probability. Students will focus on the following topics: Linear Equations, Statistics, Geometry, Indices, Trigonometry, Linear Graphs, Measurement, Networks and Financial Mathematics. The appropriate use of CAS (Computer Algebra Systems) technology using the TI-Nspire Calculator is incorporated throughout this course.

The course is designed to meet the needs of students who are intending to study General Mathematics in VCE. Students who complete Year 10 General Mathematics **cannot** undertake Mathematical Methods or Specialist Mathematics in VCE.

10 Mathematical Methods (Option 2)

Year 10 Mathematical Methods enables students to expand upon their knowledge, skills and understanding through the content strands of Number and Algebra, Measurement and Geometry, and Statistics and Probability and Functions. The course covers the standard Year 10 Curriculum and extends them beyond. It places a greater emphasis on the Number and Algebra strand through extensive studies on polynomial algebra, graphing functions, surds and index laws. Students will also be required to become adept at using the CAS Calculator.

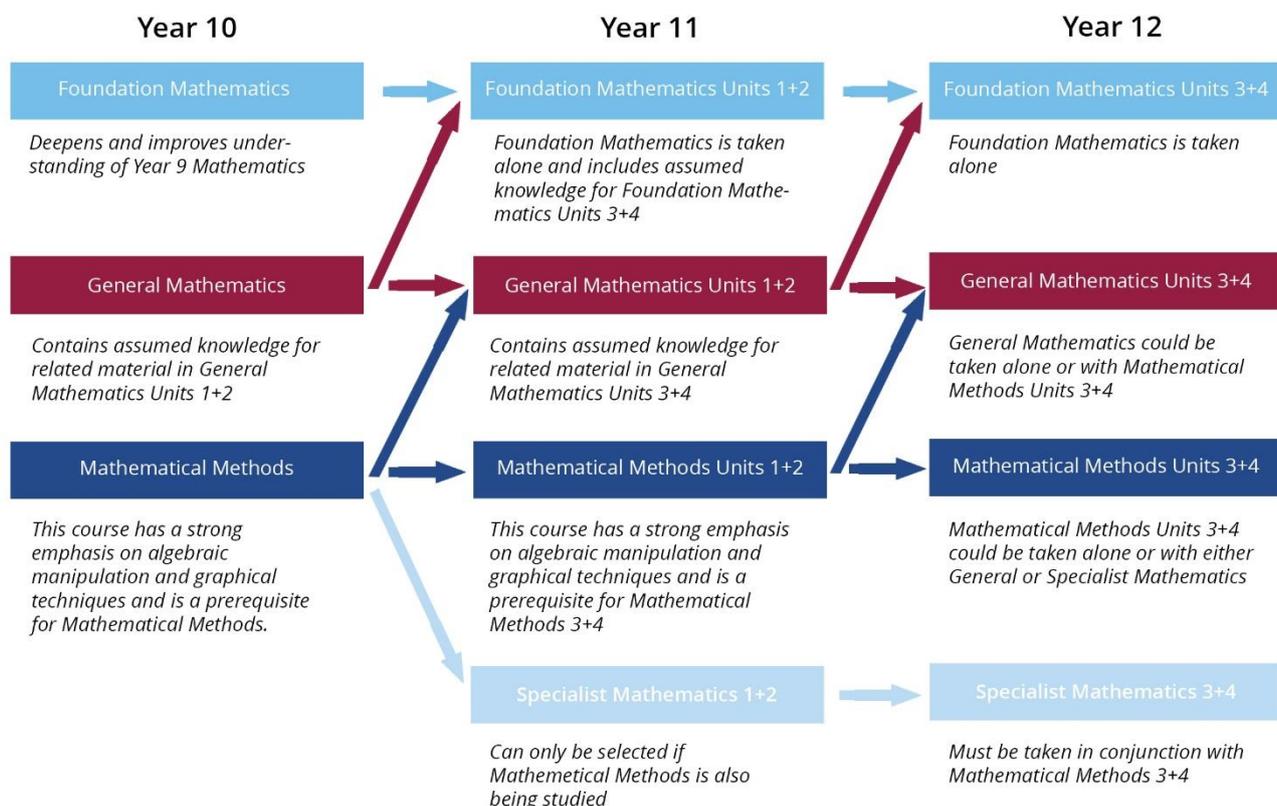
This course is especially designed for students intending to undertake Mathematical Methods or Mathematical Methods and Specialist Mathematics in VCE. This course is recommended only to students who have completed Year 9 Mathematics to a high standard. Students who complete Year 10 Mathematical Methods can undertake any Unit 1 & 2 VCE Mathematics subject.

Year 10 Foundation Mathematics (Option 3)

Year 10 Foundation Mathematics is designed for students who have found Mathematics challenging. In Year 10 Foundation Mathematics students expand upon their knowledge, skills and understanding through the content strands of Number and Algebra, Measurement and Geometry, and Statistics and Probability. There is a strong focus on numeracy skills and emphasis on using mathematics in practical contexts relating to real life. The appropriate use of a scientific calculator is incorporated throughout the unit.

This subject is designed for students who intend to continue with Foundation Mathematics in VCE.

Mathematics Pathways



Year 10 Elective Options

Year 10 3D Art of ceramics and sculpture (Elective)

Across the semester, students study an extensive range of materials and techniques utilised to create 3 dimensional artworks. Areas covered include ceramics, environmental sculptures, ephemeral sculpture and 'ready-mades'. Students experiment with and develop their own studio process using a range of traditional and contemporary approaches to media, materials and equipment. They maintain a record of how ideas develop in the creating, making and presenting of their art works within a Visual Diary to support their final pieces. This includes sources of inspiration, design sketches, photographic documentation of subject matter, techniques and processes associated with a student's selected theme. Students also study a variety of artists to find out about artist's uses of materials, techniques, ideas and meanings and working practices to help them in their own studio practice.

Year 10 2D Art of drawing, painting and printmaking (Elective)

Across the semester, students study an extensive range of materials and techniques utilised to create 2 Dimensional Artworks. Areas covered include drawing, collage, oil and acrylic painting and printmaking using lino, collagraph and the intaglio process. Students experiment with and develop their own studio process using a range of traditional and contemporary approaches to media, materials and equipment. They maintain a record of how ideas develop in the creating, making and presenting of their art works within a Visual Diary to support their final pieces. This includes sources of inspiration, design sketches, photographic documentation of subject matter, techniques and processes associated with a student's selected theme. Students also study a variety of artists to find out about artist's uses of materials, techniques, ideas and meanings and working practices to help them in their own studio practice.

Year 10 Commerce – Money, Markets and the Law (Elective)

Through the study of Commerce students learn how economic forces impact upon their world and how our resources can be used effectively and efficiently to ensure that economic benefits are maximized. This study also allows students to understand the way that political systems operate and how the laws that govern our society help us to function better as a nation. Students will develop skills in managing their personal finances and gain a basic understanding of how markets operate through the study of the Australian economy. Students will also receive an introduction to the processes and functions of the Australian legal system. Key topics include: Managing Credit; Market Forces; the Role of Government in the Australian Economy and the Australian Legal System. Through the study of Commerce Year 10 students will be prepared for further studies in the areas of Economics, Legal Studies and Politics, Accounting and Business Management.

Year 10 Digital Design & Technologies (Elective)

Technologies ensures that all students benefit from learning about and working with traditional, contemporary and emerging technologies that shape the world in which we live. By applying their knowledge and practical skills and processes when using technologies and other resources to create innovative solutions, independently and collaboratively, they develop knowledge, understanding and skills to respond creatively to current and future needs. The practical nature of the Technologies learning area engages students in critical and creative thinking, including understanding interrelationships in systems when solving complex problems. A systematic approach to experimentation, problem-solving, prototyping and evaluation instils in students the value of planning and reviewing processes to realise ideas. This study is an integrated study of traditional design technology with digital technologies. Students will pose problems and use systematic thinking and planning to develop real world solutions. During this study students are expected to make full use of the Specialist Wing.

Year 10 Drama Performance and Design I & II (Elective)

Drama at Year 10 provides students with a strong grounding for VCE Drama and VCE Theatre Studies. Students explore both naturalistic and non-naturalistic performance techniques, are introduced to the practices of known practitioners, and are given the opportunity to create and perform solo and ensemble performances in response to a range of stimuli.

Students will also learn how to interpret scripts for performance and understand the influences of theatre on cultures and societies. Throughout the course, students will work collaboratively and individually in various production roles, for example as director, costumes, set design, props, hair and make up, lighting or sound, to creatively and imaginatively interpret scripts and to plan, develop and present this work. Through the study of plays and theatre styles, and by working in production roles to interpret scripts, students develop knowledge and understanding of theatre, its conventions and the elements of theatre composition.

Students will study pre-modern theatre styles in Semester 1 and modern theatre styles in Semester 2. Either semester can be taken independently or you can study both electives.

Year 10 Food Studies - Community Catering (Elective)

Unlock a world of possibilities with our engaging and dynamic course on contemporary food issues! Dive into the heart of community concerns about the nutritional quality of food and the environmental impact of food production. This course is designed to equip you with essential knowledge and skills, empowering you to make informed food decisions that will benefit your future. Explore the fascinating variety of foods and discover the principles of sound nutrition. Gain hands-on experience with food preparation, learning how to create delicious, nutritious meals. Develop a thorough understanding of food safety and sustainable practices, ensuring your culinary creations are not only tasty but also environmentally friendly. Our course doesn't just stop at the basics. You'll have the chance to take a barista training course, opening doors to exciting work opportunities after leaving school or doing a gap year of travel. Moreover, this program offers a glimpse into a range of captivating careers in the Food Industry, such as Food Technologist, Food Fashion Photographer, Dietician, Molecular Gastronomist, Chocolatier, Nutritionist, Food Lawyer, Chef, or Caterer. Join us to embark on a culinary adventure that combines practical skills with academic knowledge, preparing you for a vibrant and fulfilling career in the food world.

Year 10 Geography (Elective)

In the Geography component students will study two units. The first "Environmental Change and Management", focuses on a detailed study of a specific environment such as coasts, urban areas or inland waterways. The second unit the "Geography of Wellbeing" explores the global, national and local differences in human wellbeing and standards of living. The range and effectiveness of programs to reduce the gap in human wellbeing will also be considered. Using key geographic ideas such as location, spatial distribution and change over time, students will explore each unit using a range of data including primary data sourced from fieldwork activities. This study of Geography aims not only to equip students for their studies in VCE Geography, but also encourages them to consider their place in the world.

Year 10 Japanese (Elective)

The study of Japanese is available to students who choose to develop their language skills beyond the introductory Years 7, 8 and 9. The subject provides an ongoing exploration of familiarity with the language as an academic and social skill. Students have the chance to develop a greater understanding of our world and the opportunity for a richer experience of life culturally and in possible career areas. Students build their skills and confidence to enable them to study VCE Japanese.

Year 10 Marine Science (Elective)

Marine Science, a multi-disciplinary field of study, aims to develop a sense of wonder and curiosity into the complexity of marine life, a respect for all living things and global stewardship of our oceans. Key areas of study include Physical and Chemical Oceanography; the physical properties and processes of the oceans, such as ocean currents, tides, waves, and sea-level changes of the chemical composition of seawater along with the biogeochemical cycles that play a vital role in ocean ecosystems. Marine Biology; marine life, from microscopic plankton to large marine mammals and everything in between, including their behavior, ecology, and physiology. Marine Ecology and Conservation; analysing interactions between organisms and their environment, studying marine habitats and the relationships among species within ecosystems whilst addressing the protection and sustainable management of marine resources.

Year 10 Media (Elective)

This course focuses on codes and conventions of visual media, print and film. Students undertake a series of tasks that encourage them to explore several mediums, such as photographic composition. Students look at advertising concepts of pitch, pre-production, production and screening and concludes with students developing skills by filming and editing their own advertisements. Students explore imagery, text and sound and create meaning as they interpret diverse cultures and communication practices, including Indigenous Media.

Year 10 Physical Education: Human movement (Elective)

For students interested in Physical Education pathways, this subject introduces students into many of the concepts they will come across in further studies in subjects like Physical Education and Health and Human Development. It has both practical and theoretical components to the study of human movement. Students investigate the various components of fitness such as Cardio Respiratory Endurance, Power, Muscular Endurance, Flexibility, Agility, Muscular strength and Motor Skill. How these components lend themselves to certain activities; how to test each component; and how to train each component are all investigated.

Year 10 Physical Education: Sports development (Elective)

This unit will provide opportunities for students to explore traditional sports through the lens of Coaching, umpiring, Sports Management and a range of careers through sport. The sociocultural factors which include participation as well as the financial side of sport will be explored. Supporting Junior School programs and taking a deep dive into sports development is also integral to this program.

Year 10 Physical Health (Elective)

The Year 10 Health elective allows students to look at health and wellbeing from both an individual and population level. Students investigate topical areas including Global Health and Health issues, Australia's Health and Health issues, Nutrition, Fitness, Drug use, Health promotion, Mental Health, Youth Health and how technology plays a role in health status. Whilst this course is predominantly theoretical there will be a small practical component which will look at alternative individual types of activity to offer a range of experiences outside of traditional sports.

Year 10 Product Design Technology (Textiles) (Elective)

Textiles is about designing and making with fibre, threads and fabrics whilst identifying a need, a problem or opportunity to design creative, innovative and sustainable products. Students start working as a designer from a design brief, and document their research into existing products, produce design drawings, suitable design options, source materials and select appropriate construction techniques to safely complete a textile product. This is documented and presented in a visual diary. Students will be exposed to a variety of textile techniques like printmaking, fabric painting, random machine embroidery, pattern design and interpretation, felt making, weaving and the sewing machine for construction of products.

Year 10 Product Design Technology (Wood/Metal/Plastics) (Elective)

This subject is a hands-on, practical based course. Students produce a variety of different products that they have designed. The course will require students to investigate materials and techniques associated with either wood, metal or plastic. Projects may involve using a combination of these materials. Students follow a design brief for each task and work through the stages of the design process. Design concepts are either drawn or produced with the assistance of computer software. Instruction is given on the use of a range of tools, options and techniques. Students evaluate their final products and identify possible improvements during the production process.

Year 10 Psychology (Elective)

In this elective, students are presented with Psychology as a Science and the role of a Psychologist. In semester one there is further investigation of several specialised areas of psychology include personality, forensic psychology, the nervous system, brain health and sleep. Semester two sees the exploration of major ways in which learning occurs, including classical conditioning, operant conditioning and social learning. Students study a selection of Mental health disorders and finally the importance of childhood development on a physical, social, emotional and moral level. Tasks will be provided to allow students to consolidate their research and investigation skills.

Year 10 Surf Safety and Recreation (Elective)

This practical-focused program is designed to take your surfing skills to the next level (whether you are a beginner or a seasoned rider) while providing a comprehensive understanding of surf competition rules and strategies. The student entry requirement is basic swimming and water safety competence, which will be tested at the start of the course. Students in this course will assist with the planning and delivery of a number of Inter-House and Inter-School Sporting events, including the House and SEISA Surfing and Grade 5/6 Water Safety Days. Students will complete Nationally recognised Level One Judging, Coaching and First Aid qualifications. A logbook of practical reports will comprise the major part of the written component for each semester.

Year 10 Systems Engineering (Elective)

In Year 10 Systems Engineering elective students are presented with the engineering process. Students will have the opportunity to study Mechanical and Electro-technological systems through a range of practical tasks.

Mechanics is a practical based component where students will have the opportunity to use a range of appropriate tools to understand the operation a 4-stroke engine. Workshop safety and safety around engines are addressed. The internal combustion engine including 2-stroke and 4-stroke cycles are studied. Engine systems including fuel, ignition, cooling and lubrication are identified.

Electronics component allows students to design and build an Infra-Red remote-control vehicles. Students also learn how to solder and to use multi-meters to diagnose faults that may occur throughout their build. Theoretical concepts such as Voltage, Current, Resistance, Ohms Law and Infrared signal transmission are covered. Electrical components are identified including resistors, capacitors, semiconductors and integrated circuits.

Year 10 Visual Communication Design (Elective)

This course focuses on predominately graphic design skills. Students build on an awareness of how designers communicate ideas with a specific purpose, to a targeted audience, using different visual communication design practices and techniques.

This course consists of study in design drawing, photography, photo and image manipulation and using computer software to resolve design problems. Each task will require following a brief that will focus on working in either environmental design, industrial design or graphic design fields. Creativity, original thinking and the ability to see things differently lies at the heart of the program. Each area will follow the stages of the design process by developing design solutions through research, reflection, generation and refinement of ideas. Students will be encouraged to choose and use sustainable materials, media, methods and technologies when making visual communications. If students plan to study architecture, industrial, interior or graphic design in the future than this course would be an advantage.

VET in VCE

VCE VET programs are VET qualifications approved by the VCAA following consultation with schools, industry and training providers. VCE VET programs lead to nationally recognised qualifications, thereby offering students the opportunity to gain both the VCE and a VET qualification.

VET Music Performance

CUA30920 Certificate III in Music (Performance)

VET Music Performance provides participants with knowledge, skills, qualifications and experiences that will enhance their employment prospects in the music and related industries. It provides students with:

- A Year 12 study score towards their ATAR, which can be included in their top four subjects
- A nationally recognised Certificate III in Music Industry (Performance).

Musicians working in performance, music education, production, composition, arts and event management, sound design, music therapy, retail, promotions and many other industry roles require a solid grounding in the creative and collaborative processes that take a musical idea from formation to professional presentation.

Year 1 - Equivalent to VCE Units 1 & 2

Units 1 and 2 focus on ensemble and electronic music performance, recording studio experience, industry awareness, event management and legal responsibilities.

Year 2 - Equivalent to VCE Units 3&4

Certificate III in Music Industry (Performance) focuses on preparing and targeting live performances towards specific markets and performance contexts. Students prepare solo or ensemble programs for performance at school events, public venues and their final performance exam. School Assessed Coursework forms 50% of the study score while the performance exam makes up the remaining 50%.

Students who only enrol for one year of the course receive VCE credit, certificates of completion for the completed Units of Competency plus a study score – if completing VCE Units 3 & 4.

	Units of Competency	Code
Year 1	Perform simple repertoire in ensembles	CUAMPF213
	Incorporate music technology into performances	CUAMPF212
VCE Units 1 & 2	Make a music demo	CUAMPF314
	Work effectively in the music industry	CUAIND313
	Implement copyright arrangements	CUACMP311
	Plan a career in the creative arts industry	CUAIND314
	Prepare for musical performances	CUAMPF312

Year 2	Develop technical skills in performance	CUAMPF311
	Develop and apply stagecraft skills	CUAMPF412
VCE Units 3 & 4	Develop and perform musical improvisation	CUAMPF315
	Perform music as part of a group	CUAMPF414 <i>or</i> CUAMPF416
	Perform music as a soloist	

VET Building and Construction (Carpentry)

Newhaven College, in partnership with AET (121314), deliver 22614VIC Certificate II in Building and Construction Pre-apprenticeship (Carpentry Stream). This program offers students training in the building and construction industry which can enhance employment prospects in trades such as carpentry, joinery and shop-fitting, and other occupations in general construction.

Students are enrolled with AET through an auspice arrangement. The course is delivered by suitably qualified trainers from Newhaven College onsite. Upon **satisfactory** completion of all units of this course, a student **may** attain a national qualification; Where a student satisfactorily meets all requirements of the course, a Certificate may be awarded.

The units of competency offered across a two year program are:

22614VIC CERTIFICATE II IN BUILDING AND CONSTRUCTION PRE-APPRENTICESHIP

AVAILABLE UNITS OF COMPETENCY

UNIT CODE	UNIT TITLE	TYPE	VIC	WA
CPCCOM1014	Conduct workplace communication	Core	20	16
CPCCOM1015	Carry out measurements and calculations	Core	20	16
CPCCCM2006	Apply basic levelling procedures	Core	8	16
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry	Core	20	32
CPCWHS1001	Prepare to work safely in the construction industry	Core	6	6
HLTAID010	Provide basic emergency life support	Core	12	10
<small>Additional note: We recommend this unit is delivered by an external provider</small>				
VU23312	Prepare for work in the building and construction industry	Core	18	N/A
VU23313	Interpret and apply basic plans and drawings	Core	25	N/A
VU23314	Erect and safely use working platforms	Core	24	N/A

VU23320	Identify and handle carpentry tools and equipment	B	100	N/A
VU23321	Perform basic setting out	B	24	N/A
VU23322	Construct basic sub-floor	B	48	N/A
VU23323	Construct basic wall frames	B	48	N/A
VU23324	Construct a basic roof frame	B	40	N/A
VU23325	Install basic external cladding	B	24	N/A
VU23326	Install basic window and door frames	B	24	N/A
VU23327	Install interior fixings	B	40	N/A
VU23328	Dismantle basic timber structures	B	20	N/A
VU23329	Construct basic formwork for concreting	B	40	N/A

An external third party RTO (that is not part of the auspice arrangement) is being used to deliver:

- HLTAID010 Provide basic emergency life support – delivered by HeroHQ RTO 40664
- CPCCWHS1001 Prepare to work safely in the construction industry – delivered by Bass Coast Adult Learning RTO 3720.

Upon successful completion of this Unit of Competency students are eligible to be issued the Construction Induction Training (White Card), pending licensing requirements as determined by Work Safe Victoria.

Students who receive a Unit 3 & 4 sequence for VCE VET Building & Construction will be eligible for an increment towards their ATAR (10% of the average of the primary 4 scaled subjects).