



2023

Year 9

Course Selection Handbook

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Year 9 Curriculum

All students in lower school at Comet Bay College study Mathematics, English, Science, Humanities and Social Sciences, and Health and Physical Education.

In Year 9, students continue compulsory enrolments in Physical Education, Health and Well Being, and Careers program (REACH), however, they are able to select 2 options in which to specialise. The options are to be selected from the following Learning Areas:

- Health and Physical Education
- The Arts
- Technologies
 - Home Economics
 - Design Technologies
 - Digital Technologies
- STEM
- Others

It is strongly recommended that students select options in which they have an interest, wish to pursue as a career or future studies, and have a particular strength in.

Some courses offered in Years 9 and 10 will lead to Certificate II qualifications, General courses or ATAR courses, respectively, this information is indicated in the tables provided at the conclusion of each Learning Area within this handbook.

Supporting Notes:

- *As the option areas are non-compulsory they incur specific fees, only when the fees for a course have been paid is a student's place in that course guaranteed.*
- *Where an optional course requires additional materials to be consumed by the student, the Compulsory Charge must be paid to cover the cost of those consumables (e.g. food ingredients, fabric, external tuition, venue hire etc.). The cost of courses should be considered in the selection process.*
- *All these choices will be offered, however only those that have a viable number of students will actually run in 2023.*

We work very hard to ensure a high level of accuracy is maintained in the generation of our Course Selection Handbooks; however, anomalies do occur from time to time. Occasionally, changes to course details may be necessary due to circumstances beyond our control.

Health and Physical Education

All students must participate in Health Education and General Physical Education throughout Years 7 to 10.

The Development Programs are available via selection trials only. If places become available at the end of each term, students will be selected on the basis of their demonstrated ability and commitment to the particular area of study.

Australian Football Specialist Program Boys (9FOOT) Charge \$220 **Australian Football Specialist Program Girls (9FOOTG) Charge \$220**

The Comet Bay College Australian Football Specialist Program is designed to be a consistent learning program over Years 7 to 12. This program is designed to provide students with ongoing development in the skills and attributes needed to play Australian Rules Football at the highest level. Students will be exposed to specialist coaching and will study and practise offensive and defensive skills, the advance strategies and tactics and work towards the level of conditioning required, while practising both umpiring and coaching roles.

Students will focus on goal setting and will have regular individual reviews to assess their development within the program with assistance given to reach each selected goal.

The Comet Bay College Australian Football Specialist Program will invite talented players to participate each year.

NOTE:

Additional optional costs may be required to cover training camps and touring matches. A pre-season camp is normally held each year which may cost up to \$150. These will appear on the Additional Extra Cost Options table provided within the 2023 Voluntary Contributions and Charges Handbook, disseminated to families in December 2022 for the 2023 Academic Year.

Basketball - Extension Program (9BASEX) Charge \$50

Prerequisites:

- Students will undergo a selection process before being accepted into this program or can continue if they were enrolled in Year 8 Basketball – Extension Program.**

This program is designed for the Basketball player that is looking to improve all aspects of their complete game. The program will work on all aspects of the sport with skill, tactical, game-play and fitness elements being the key focus.

Outdoor Education (9OUT) Charge \$250

Prerequisites:

- Students will undergo a selection process before being accepted into this program and need to be able to swim 100 metres unassisted, and to float and tread water for at least 3 minutes.**

This program is designed to develop competence in dealing with the natural environment in a safe manner. Classes will include theory sessions which prepare the student to interact with the environment with minimum impact. Students will gain an understanding of emergency responses to a range of unpredictable outdoor challenges, **e.g. survival swimming, first aid, travel skills and survival skills.**

Students must be prepared to work in a wide range of aquatic, as well as land environments. Students will take part in activities ranging from problem solving and leadership activities, navigation, orienteering, expedition planning, roping, camp cooking and emergency first aid.

NOTE:

An additional charge of up to \$100 may be required for an optional off-site camp. These will appear on the Additional Extra Cost Options table provided within the 2023 Voluntary Contributions and Charges Handbook, disseminated to families in December 2022 for the 2023 Academic Year.

Physical Education (9PE)

Charge \$40

The focus of this course is the development of students' knowledge, understanding and application of anatomical, physiological and practical factors associated with performing in physical activities.

Physical Education - Extension Program (9PEX)

Charge \$50

This program is designed to cater to those students who excel in their sporting endeavours. The program covers sports and theoretical components not covered in the General Physical Education Program, and provide enrolled students with opportunities to travel away from the college campus to experience a range of sporting facilities offered within the community.

Soccer Development Program (9SOC)

Charge \$50

This program is designed to provide students with ongoing development in the skills and attributes needed to play soccer. Through this program, students will be exposed to individual skill development as well as tactical awareness with the aim of developing as a player and a team.

This will be offered through specific drills and training in lessons alongside games and matches with other schools if selected to represent Comet Bay College.

NOTE:

Additional optional costs may be required to cover training camps and touring matches. These will appear on the Additional Extra Cost Options table provided within the 2023 Voluntary Contributions and Charges Handbook, disseminated to families in December 2022 for the 2023 Academic Year.

Surfing Development Program (9SURF)

Charge \$250

Prerequisites:

- Students will undergo a selection process before being accepted into this program or can continue if they were enrolled in Year 8 Surfing Development Program.

The Surfing Development Program at Comet Bay college is a learning program for students in years 8, 9 and 10. It provides students access to learn and develop the skills and knowledge to participate in Surfing safely. The aim to facilitate a lifelong connection to Surfing.

Students will gain an understanding of the skills to identify safe surfing locations, the skills required to paddle into and catch waves effectively with a focus on the techniques required to perform at a high level. Students will undertake self-assessment and utilize reflective journals and be exposed to video analyses to improve technique. Whilst undertaking physical condition exercises that increase range of motion, core strength, Balance and coordination.

Students have access to a range of different Surfboards they can experiment with and that suit a large variety of conditions. Students also use the Smooth Star Skateboard to replicate Surfing movement patterns and develop skills in a replicated pattern that cannot be achieved in Surfing conditions. This allows for movements and skills to be trained in isolation and then transferred into a surfing context.

NOTE:

Additional optional costs may be required to cover training camps and competitions. These will appear on the Additional Extra Cost Options table provided within the 2023 Voluntary Contributions and Charges Handbook, disseminated to families in December 2022 for the 2023 Academic Year.

Overview of possible Physical Education Pathways for Years 7 - 12

Year 7	Year 8	Year 9	Year 10	Years 11 and 12
Physical Education	Physical Education	Physical Education	Physical Education	Cert II in Sport Recreation
		Physical Education Extension	Physical Education Extension	
Australian Football Specialist Program Boys	Australian Football Specialist Program Boys	Australian Football Specialist Program Boys	Australian Football Specialist Program Boys	Certificate II / III in Sports Recreation (AFL) boys
Australian Football Specialist Program Girls	Australian Football Specialist Program Girls	Australian Football Specialist Program Girls	Australian Football Specialist Program Girls	Certificate II / III in Sports Recreation (AFL) girls
	Surfing	Surfing	Surfing	Certificate II in Outdoor Recreation
	Soccer Development	Soccer Development	Soccer Development	Certificate III Fitness
	Basketball Extension	Basketball Extension	Basketball Extension	ATAR Health Studies
		Outdoor Education	Outdoor Education	General Health Studies
				General Physical Education Studies



The Arts

Cheerleading (9CHEER)

Charge \$70

Cheerleading ranges from chanting to intense physical activity for sports team motivation, audience entertainment, or competition based around organised routines. Competitive routines typically range anywhere from one to three minutes, and contain components of tumbling, dance, jumps, cheers and stunting. No previous experience is needed.

Clay (9CLAY)

Charge \$80

This course is designed for those students who enjoyed Year 8 Visual Art or Visual Art Extension and would like to further develop their skills with clay.

Students develop their skills in using a range of clays and associated materials, such as glazes. Students will typically complete three major projects over the course of the year including an abstract sculptural form, a realistic sculptural form, and a functional form using coils.

All Visual Arts courses include drawing and design, plus some art theory. Students examine the work of an artist and/or movement that relates to their production work. They will continue to develop and refine their critical analysis skills.

Concert Band and Vocal Tuition (9CBVT)

Charge \$60

This option is not selected via the Course Selection Process run by The College. The Arts Department manages selection of students for this option. Please contact Ruth Sims, Dean of The Arts for further information on **9553 8100**.

A tutor attends the college two days per week to support students interested in forming and/or rehearsing with their own music group. Electric Guitar, Bass, Keyboard, Drums and Vocal Tuition are provided in school for groups and individuals. Students attend 40 minutes per week on a rotational basis.

NOTE:

This option is not timetabled as per other courses and therefore will not appear on the student timetable or the Student Billing Sheet. Families will be issued a separate invoice for charges applicable to this option within the course of the year.

Dance - Extension Program (9DANEX)

Charge \$70

Prerequisites:

- Student will be auditioned for this course or can continue if they were enrolled in Year 8 Dance Extension.**

This program provides the students with the opportunity to become leaders for the class. It allows them to grow and develop their skills.

We work on improving strength, flexibility and technique that are required for contemporary and hip hop styles. Students will also be building on team work as they will need to work in groups to choreograph their own works.

Students will have to deal with criticism and compliments as they will be provided with constructive feedback. Students will need to research correct technique and correct terminology to use during warm up.

Drama (9DRA)

Charge \$40

The major focus of this course is on developing improvisation and scripting skills as a foundation for further studies in drama and theatre. The emphasis is on practical experience in developing creativity and appreciating theatre through improvisation forms in the history of drama and theatre. The application of skills developed will be used to build group devised plays. This extends to play writing and development of character. The work is to be performed for an audience.

Media (9MEDIA)

Charge \$50

In Media, students will spend their time both making and responding to media works. Students will work in a team to plan, produce, film and edit a range of creative pieces, including short films and advertisements. Students will have the opportunity to use a variety of filming equipment including iPads and video cameras when creating their productions. In addition to this they will study and respond to a range of media texts from different genres.

Music - Extension Program (9MUSE)

Charge \$55

This program caters for students with specific abilities in music. It is designed for students interested in exploring in greater depth the following areas of Music study: Composition, Musicology and Performance.

When students engaged in Music Extension, they develop the capacity to communicate complex music ideas through their specialisation. Because music is a unique means of expression, of knowing and communicating experiences, it makes a profound contribution to personal, social and cultural identities. Students become adaptable and innovative problem solvers, making informed decisions and, as inquirers, develop their ability to deconstruct and critically evaluate. They sharpen their sensitivity and perception, raise their level of appreciation and expand their musical horizons. The discipline and commitment of music-making builds a student's self-esteem, independence and personal motivation. Whether for career, commercial or leisure needs, students will have the opportunity to gain the basis for a lifelong engagement with music.

Instrumental Music Schools Service (9IMSS)

Charge \$40

This option is not selected via the Course Selection Process run by The College. The Arts Department manages selection of students for this option. Please contact Ruth Sims, Dean of The Arts for further information on **9553 8100**.

Students learning an instrument through the Instrumental Music Schools Services (IMSS) are required to learn music theory by enrolling in Classroom Music. Performing and rehearsing in the Comet Bay Concert Band is also a compulsory requirement of IMSS students.

NOTE:

This option is not timetabled as per other courses and therefore will not appear on the student timetable or the Student Billing Sheet. Families will be issued a separate invoice for charges applicable to this option within the course of the year.

Visual Art (9ART)

Charge \$80

This course is designed for those students who enjoyed Year 8 Visual Art and would like to develop their skills in a wider variety of Visual Arts studio areas.

Students continue to develop and refine their observational drawing skills and will typically complete three major projects over the course of the year including a drawing task (perspective drawing), a sculpture and an acrylic painting.

All Visual Arts courses include drawing and design, plus some art theory. Students examine the work of an artist and/or movement that relates to their production work. They will continue to develop and refine their critical analysis skills.

Overview of possible The Arts Pathways for Years 7 – 12

Year 7	Year 8	Year 9	Year 10	Year 11 and 12
Music	Music	Music Extension	Music	Certificate II/III in Music
Music Extension	Music Extension		Music Extension	
Drama	Drama	Drama	Drama Extension	
Drama Extension	Drama Extension			
Visual Art	Visual Art	Clay	Design and Sculpture	ATAR Visual Art General Visual Art
		Visual Art	Visual Art	
Visual Art Extension	Visual Art Extension		Visual Art Extension	
Dance	Dance	Cheerleading	Dance Extension	
Dance Extension	Dance Extension	Dance Extension		
Media	Media	Media	Media	Certificate II/III in Creative Industries - Media
			Media Extension	ATAR Media Production and Analysis General Media Production and Analysis

Technologies - Home Economics

Caring for Children (9CHILD)

Charge \$80

This course looks at many different aspects of caring for children, and students are exposed to a wide range of topics to help prepare them for a future pathway in childcare. Students will be provided with many interactive and practical opportunities to display their knowledge and understanding and further enhance their skills. This course will also look at the nutritional and safety aspects of childcare, and students will have the opportunity to plan and host a children's party.

Food Science (9FST)

Charge \$110

Put some wow-factor in your snacks and desserts with this mostly hands-on course. Using the freshest of ingredients, the course focuses on creating plated desserts and finger foods, incorporating a range of dramatic textures and seasonal flavours. Students specifically focus on account ethics, legal issues, social values, economic, environmental and social sustainability. Students use creativity, innovation and enterprise skills with increasing confidence, independence and collaboration. This course will provide essential skills for employment in the food industry.

Overview of possible Home Economics Pathways for Years 7 - 12

Year 7	Year 8	Year 9	Year 10	Years 11 and 12
Home Economics	Home Economics	Caring for Children	Caring for Children	General Children, Family and the Community
		Food Science	Food Technology	General Food Science and Technology



Technologies - Design and Technology

Please note that set costs cover all materials used in the standard tasks set for Design Technology courses. However, students will be required to pay for materials where their designs go beyond the quantities or types of materials that are standard to the courses.

CAD/CAM (9CAD)

Charge \$140

CAD/CAM (Computer Aided Design/Computer Aided Manufacturing) is an exciting STEM course that allows students to use their creativity to develop solutions to real world problems, needs and opportunities. This course allows students to take an idea, turn it into reality faster than using manual production techniques and to a much higher standard. The students will start drawing in 2 dimensions and move on into 3 dimensional drawing.

Computer Aided Manufacturing facilities at Comet Bay College include subtractive rapid prototyping machines like CNC mills, laser cutters and plasma cutters for cutting metal. The recent explosion onto the market of affordable 3D printers means that students will also be able to create 3D drawings and produce them.

The software used in the CAD/CAM course is industry standard and provides students with a workplace ready skill and the ability to easily move from one software platform to another in the industry. The AutoCAD software taught in the course is the standard in industry, TAFE and University, giving student an edge in further education and training.

The ability to use CAD/CAM will benefit students studying Engineering, Metal and Wood in Year 10 and Upper School.

Electrical (9ELE)

Charge \$140

Electrical provides students with an introduction to the electrical trade field. Students develop knowledge of electrical theory and principles as well as construct electrical circuits, installation, solder electronics circuits and use test equipment.

The course will provide a solid foundation and creates opportunities for students who wish to work with the latest in computer technology, software, control systems, building automation, audio-visual technology and electronic components and appliances.

Engineering – Mechatronics (9ENGM)

Charge \$140

This is an exciting STEM course that focuses on solving problems and overcoming challenges using technology focused solutions. Our course will foster the student's creativity, practical and problem solving skills and turn ideas into reality by applying lateral thinking to develop solutions to real world problems, needs and opportunities.

Students will develop skills and knowledge in the electro-technology field, robotics, coding and Computer Aided Drawing (CAD). Students will have the opportunity to develop solutions using innovative Computer Aided Manufacturing (CAM) technologies such as, microcontrollers, 3D printers, Laser cutters and CNC mill to help them produce solutions.

Mechanics (9MEC)

Charge \$140

This course is designed as an entry level course. Small single cylinder engines are used in many domestic applications such as lawn mowers, whipper snippers, generators, pumps etc. They are also used in go carts.

Mechanics will cover the operation of two-stroke and four-stroke engines. The practical component of this course will include maintenance, component identification, disassembly and assembly of single cylinder engines. Students will learn in a predominantly hands on environment using common and specialised mechanical tools. The theory component of this course will require students to develop a well organised package of work that will serve as a valuable reference in the future, both in and out of school.

Metal Technology (9MET)

Charge \$140

This course draws on and expands transferable skills developed in Year 8 Design and Technology and introduces students to the manipulation of metals using a wide range of tools, processes, materials and systems. Some new processes to be developed will include, but not be limited to, fuel gas and electric welding processes, forging, machining, fitting, drilling, grinding and polishing of a range of metals.

Some of the work will require design and planning using the Technology Process with literacy and numeracy skills consolidated in practical applications such as quantity and cost estimations. Health and Safety aspects will be taught and reinforced at all times. Students will learn how to conduct a risk assessment and job safety analysis in a range of industrial settings.

Wood Technology (9WOOD)

Charge \$140

This course draws on and expands transferable skills developed in Year 8 Design and Technology and introduces students to the manipulation of wood and wood products using a wide range of tools, processes, materials and systems. Some new processes to be developed will include, but not be limited to, biscuit joining of boards and frames using a range of adhesives, use of pneumatic and electric tools.

Some of the work will require design and planning using the Technology Process with literacy and numeracy skills consolidated in practical applications such as quantity and cost estimations. Health and Safety aspects will be taught and reinforced at all times. Students will learn how to conduct a risk assessment and job safety analysis in a range of industrial settings.

Overview of possible Design Technologies Pathways for Years 7 – 12

Year 7	Year 8	Year 9	Year 10	Years 11 and 12
Design and Technology	Design and Technology	Wood Technology	Wood Technology	General Materials Design and Technology – Wood General Materials Design and Technology – Metal
		Metal Technology	Metal Technology	
		Mechanics	Mechanics	
		CAD/CAM	CAD/CAM	CAD/CAM General Materials Design and Technology – Wood General Materials Design and Technology – Metal ATAR Engineering - Mechatronics General Engineering-Mechanical
		Electrical	Electrical	ATAR Engineering - Mechatronics
		Engineering - Mechatronics	Engineering - Mechatronics	General Engineering-Mechanical



Technologies - Digital Technologies

Computer Science Robotics (9CSROB)

Charge \$50

A high-quality computing education equips students to use computational thinking and creativity to understand and change the world. The core of computing is computer science, in which students are taught the principles of information and computation, how digital systems work and how to put this knowledge to use through programming. They will build their knowledge and understanding through hands on experience by making their own Lego EV3 robots and games. Computing also ensures that students become digitally literate – able to use, and express themselves and develop their ideas through information and communication technology – at a level suitable for the future workplace and as active participants in a digital world.

Design Photography (9DESP)

Charge \$50

In this course, students will be introduced to the latest SLR Cameras in digital photography. Students will utilize a variety of software packages, including Photoshop and InDesign and will be instructed on how to harness the latest developments in photography. Legal and ethical issues as they relate to the use of media and information sharing will be addressed.

The focus for this course is to integrate photographic composition techniques and the application of photographic design principles using digital equipment integrated with state of the art software. Students will discern that photography is a multi-discipline area with its own history, traditions, styles and techniques. Students deploy composition elements and design principles through experiential based learning processes. With rich engagement structures students embrace the design process from the moment of ideation (forming ideas) to the final making and presentation of prints (photographs).

Students will transition a range of techniques from landscape designs to portrait styles demonstrating their abilities to effectively use light, equipment, materials and technologies to compose and design their photographs.

Overview of possible Digital Technologies Pathways for Years 7 - 12

Year 7	Year 8	Year 9	Year 10	Years 11 and 12
Digital Technology	Digital Technology	Design Photography	Design Photography	General Graphic Design
			Graphic Design Technology	General Photography
		Computer Science Robotics	Computer Science	Certificate II Applied Digital Technology
			Computer Science Robotics	

STEM Academy

STEM (9STEM)

Charge \$100

The Comet Bay College STEM Academy is designed to provide students with the skills and ability to investigate theoretical and real world solutions to challenges. Our innovative teaching integrates these skills into a cohesive model based on real-world issues and global thinking. STEM skills are behind the growing global reliance on technology and innovation, and provide opportunities to increase Australia's productivity and competitive edge in a global economy.

The STEM Academy is a Selective Entry program and only students, in an existing cohort, can select to continue in the following year. All entry into Year 7 is by application. Spaces in the following years do become available and interested students need to apply. The Academy takes up 4 periods per week (2 option gridlines) and works on Core STEM skills and Applied STEM skills in a competition / challenge space.

Applications are open to students with an ability, interest or enthusiasm for Science, Technology, Engineering or Mathematics and their real world applications. Students who apply may have an interest in one or more STEM fields and are interested in inquiry-based and real world problem based-learning.

Others

Criminology (9CRIM)

Charge \$30

Preferred prerequisites:

Minimum C Grade in Year 8 HASS Extension or General

In this course, students will be introduced to crime - including how/why crimes are committed, as well as how behaviour and personality can result in criminal behaviour. Students will also see how people can become corrupt, along with corruption's influence throughout history. In Criminology, students are introduced to the Australian legal system and the court trial system. Through practical case studies and re-enactments, students will be able to gain first-hand experience in crime scene analysis, both past and present. The focus for this course is to introduce students to crime scene critical thinking using forensics, the law and psychology to problem solve. Throughout the year, students will be introduced to the criminological processes that will develop their skills and understanding - ready for the Year 10 course.

Overview of possible Criminology Pathway for Years 7 - 12

Year 7	Year 8	Year 9	Year 10	Years 11 and 12
		Criminology	Criminology	General Politics and Law General Psychology General Modern History ATAR Psychology ATAR Modern History