



Year 10 2025

Course Selection Handbook



CONTENTS

Year 10 Curriculum	1
Health and Physical Education	2
Australian Football Specialist Program Boys (10FOOT)	Charge \$220..... 2
Australian Football Specialist Program Girls (10FOOTG)	Charge \$220..... 2
Basketball - Extension Program (10BASX).....	Charge \$50..... 2
Fitness Education (10FIT)	Charge \$100..... 2
Outdoor Education (10OUT).....	Charge \$250..... 3
Physical Education (10PE)	Charge \$34..... 3
Physical Education - Extension Program (10PEX).....	Charge \$60..... 3
Soccer Development Program (10SOC)	Charge \$50..... 3
Sport and Community Leadership (10SPLC)	Charge \$75..... 4
Surfing Development Program (10SURF).....	Charge \$250..... 4
The Arts	6
Concert Band and Vocal Tuition (10CBVT)	Charge \$60..... 6
Design and Sculpture (10DESC).....	Charge \$95..... 6
Drama - Extension Program (10DRAX)	Charge \$75..... 7
Dance - Extension Program (10DANX).....	Charge \$80..... 7
Media (10MED)	Charge \$55..... 8
Media - Extension Program (10MEDX).....	Charge \$60..... 8
Music - Extension Program (10MUSX)	Charge \$60..... 8
Instrumental Music Schools Service (10IMSS)	Charge \$40..... 9
Stagecraft (10STGE)	Charge \$90..... 9
Visual Art (10ART)	Charge \$95..... 9
Visual Art - Extension Program (10ARTX)	Charge \$105..... 9
Technologies - Home Economics	11
Caring for Children (10CFC).....	Charge \$150..... 11
Fashion and Style (10FASH)	Charge \$140..... 11
Food Technology (10FTEC).....	Charge \$155..... 11
Technologies - Design Technologies	12
Electrical (10ELEC)	Charge \$140..... 12
Engineering - Mechatronics (10ENGM)	Charge \$140..... 12
Mechanics (10MEC).....	Charge \$140..... 12
Metal Technology (10MET)	Charge \$140..... 12
Wood Technology (10WOOD).....	Charge \$140..... 13
Technologies - Digital Technologies	14
Business Management and Enterprise (10BME)	Charge \$35..... 14
Computer Science (10CSC).....	Charge \$50..... 14
Design Photography (10DESP)	Charge \$110..... 14
Graphic Design Technology (10GRD).....	Charge \$60..... 15
STEM Academy	16
STEM (10STEM)	Charge \$150..... 16
Others	16
Laboratory Skills (10LAB).....	Charge \$40..... 16
Psychology (10PSY).....	Charge \$40..... 16

Year 10 Curriculum

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

In Year 10, students study compulsory Physical Education, however, they are able to select 3 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 2025.*

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 (10FOOT) Charge \$220 **Australian Football Specialist Program Girls (10FOOTG) 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, 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 2025 Voluntary Contributions and Charges Handbook, disseminated to families in December 2024.

Basketball - Extension Program (10BASX) Charge \$50

Prerequisites:

- Students will undergo a selection process before being accepted into this program or can continue if they were enrolled in Year 9 Basketball – Extension Program.

This course 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.

Fitness Education (10FIT) Charge \$100

This course looks at introducing students to the components of fitness and principles of training across a range of disciplines including circuit, boot camp, aerobics, strength and conditioning, combat and core stability.

Emphasis will be placed on the execution, teaching and delivering of correct techniques for individual exercises. Students must be prepared to experience all aspects of fitness for a range of target groups e.g. sport specific, health related and special populations.

Fitness Testing will be carried out throughout the program.

Outdoor Education (10OUT)

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:

Additional optional costs of up to \$100 may be required to cover for an optional off-site camp. These will appear on the Additional Extra Cost Options sheet within the 2025 Contributions and Charges Handbook, disseminated to parents around 1st December 2024.

Physical Education (10PE)

Charge \$34*

*voluntary contribution

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 (10PEX)

Charge \$60

This course 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 (10SOC)

Charge \$50

Prerequisites:

- Students will undergo a selection process before being accepted into this program.

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 with the knowledge and tactics that could be transferred to higher order levels of application in Year 11 Physical Education Studies.

The Soccer Development Program 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. A pre-season camp may be held which may cost up to \$150. These will appear on the Additional Extra Cost Options table provided within the 2025 Voluntary Contributions and Charges Handbook, disseminated to families in December 2024 for the 2025 Academic Year.

Sport and Community Leadership (10SPLC)

Charge \$75

Prerequisites:

- Students will undergo a selection process before being accepted into this program.

The purpose of this course is to produce responsible, motivated and confident people who can lead safe, purposeful and enjoyable sporting and recreational activities. It has been designed to encourage students to get involved in organising and assisting with the provision of sport and recreation in the local area.

Students who participate in this course are expected to be ambassadors in the area of health and well-being within the college and local primary schools. Throughout the course, students will gain knowledge in organisational skills, safety in sport, other recreational agencies, fitness training practices and competition structure. Students will have the opportunity to gain coaching and officiating awards in a variety of sports.

Surfing Development Program (10SURF)

Charge \$250

Prerequisites:

- Students will undergo a selection process before being accepted into this program or can continue if they were enrolled in Year 9 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 participate in physical conditioning exercises designed to enhance their 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 sheet within the 2025 Contributions and Charges Handbook, disseminated to parents around 1st December 2024.



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 Coaching
		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	ATAR Health Studies
	Basketball Extension	Basketball Extension	Basketball Extension	General Health Studies
		Outdoor Education	Outdoor Education	General Outdoor Education
			Sports Community Leadership	General Physical Education Studies
			Fitness Education	



The Arts

Concert Band and Vocal Tuition (10CBVT)

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 weekly to support students interested in performing with an ensemble. Vocal Tuition is 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.

Design and Sculpture (10DESC)

Charge \$95

Students develop their skills in using a range of clays and associated materials, such as glazes and will typically complete three major projects over the course of the year. Students will create a reductive sculpture. They will also use the pottery wheel and investigate the world of ceramics. Towards the end of the year, students will have the freedom to devise their own clay project in negotiation with the teacher, which allows them to explore the clay skills they have developed during their art studies.

All Visual Arts courses include drawing and design, plus some art theory. Year 10 students examine the work of an artist and/or movement that relates to their production work. They will be introduced to Clay Art throughout history and will refine their critical analysis skills.



Drama - Extension Program (10DRAX)

Charge \$75

Prerequisites:

- ☑ Entry into the Drama - Extension Program is by application only. Please contact Ruth Sims, Dean of The Arts for further information on 9553 8100.
- ☑ Students in Year 9 Drama - Extension Program can continue in Year 10 Drama – Extension Program

Students have the opportunity to explore storytelling techniques, physical theatre and experiment with the complex skills of mask work. Practitioner based script work gives students an insight into the world of Stanislavski and Brecht, while a performance of a scripted monologue of their choice, builds the confidence needed to be a successful performer. Throughout the year, students also have the chance to attend inspirational professional theatre productions to broaden the imagination and encourage the constructive analysis required for Upper School courses.

Dance - Extension Program (10DANX)

Charge \$80

Prerequisites:

- ☑ Entry into the Dance - Extension Program is by application only. Please contact Ruth Sims, Dean of The Arts for further information on 9553 8100.
- ☑ Students in Year 9 Dance - Extension Program can continue in Year 10 Dance – Extension Program

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.



Media (10MED)

Charge \$55

Students will develop their skills in creating and producing short media works – including music videos, short films and posters. They will work independently and in small groups, learning production skills and using a range of high-quality equipment. Using Adobe software including Premiere Pro, students will edit their footage into a meaningful creation, showcasing their ability as a director, cinematographer, editor and producer.

Media - Extension Program (10MEDX)

Charge \$60

Prerequisites:

- ☑ **Entry into the Media - Extension Program is by application only. Please contact Ruth Sims, Dean of The Arts for further information on 9553 8100.**
- ☑ **Students in Year 9 Media - Extension Program can continue in Year 10 Media – Extension Program**

Students will explore media arts through representation, manipulation of genre, media conventions and analysis of media artworks. Students will work independently and in small groups, learning production skills and using a range of high-quality equipment. Throughout the year students will create both music videos and short films. Using Adobe Premiere Pro, they will edit their recordings and footage, making artistic choices in post-production that will shape the look of their pieces. Along the way students will learn how to critically analyse visual texts, and understand the social, cultural and historical influences of media arts. There may be opportunities to enter their work into competitions.

Music - Extension Program (10MUSX)

Charge \$60

Prerequisites:

- ☑ **Entry into the Music - Extension Program is by application only. Please contact Ruth Sims, Dean of The Arts for further information on 9553 8100.**
- ☑ **Students in Year 9 Music - Extension Program can continue in Year 10 Music – Extension Program**

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 engage 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 (10IMSS)

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.

Stagecraft (10STGE)

Charge \$90

In this non-performance elective, students explore the behind-the-scenes magic of the Creative team. They learn how to design a set, create props and mask, work a lighting desk, create horror make-up special effects and support actors in sound production. Student's work may even be used in our public performances!

Visual Art (10ART)

Charge \$95

This course is designed for those students who enjoyed Year 9 Visual Art and would like to develop their skills in a wider variety of Visual Art studio areas. Students considering studying ATAR Visual Art in Year 11 are strongly advised to study Visual Art in Year 10, preferably in the Extension pathway.

Students will refine their observational drawing skills and typically complete three major projects over the course of the year including a drawing task (the human figure and/or portraiture), a sculpture, an acrylic or oil painting, and printmaking.

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.

Visual Art - Extension Program (10ARTX)

Charge \$105

Prerequisites:

- Entry into the Visual Art - Extension Program is by application only. Please contact Ruth Sims, Dean of The Arts for further information on 9553 8100.**
- Students in Year 9 Visual Art - Extension program can continue in Year 10 Visual Art - Extension**

This course is designed for students who are serious about art, with talent and interest in Visual Art. Students considering studying ATAR Visual Art in Year 11 are strongly advised to study Visual Art in Year 10, preferably in the Extension pathway.

Visual Art Extension students will refine their observational drawing skills beyond the level offered in the General pathway. Students typically complete three major projects over the year including a life-drawing task, a sculpture, and an oil painting (portraiture). Students in this course also participate in excursions, incursions and work on projects with visiting artists when the opportunity arises.

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 Extension	Certificate II/III in Music
Music Extension	Music Extension			
Drama	Drama	Drama Extension	Drama Extension	General Drama
			Stagecraft	
Dance Extension	Dance Extension	Dance Extension	Dance Extension	Certificate II Dance
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	Visual Art 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

In the Home Economics area, Year 10 students will develop skills studied in Year 9 to further extend their practical skills in childcare, textiles and foods in preparation for Upper School Courses of Study.

Caring for Children (10CFC)

Charge \$150

This course involves working with young children, developing activities and the observation of children through stages of development. Kindergarten activities, leading regular playgroup or day care, child development from birth to 5 years are examined.

Practical activities may include the preparation and serving of food for toddlers, making toys and musical instruments. Real life baby simulators are used to provide real life and practical awareness of taking care of babies.

Fashion and Style (10FASH)

Charge \$140

This is a creative yet challenging course that looks at many aspects of fashion and design including safety, sustainability practices, design, production and evaluation. Students will develop their sewing skills on the machine, as well as expand on their ability to create and produce quality products. Students will be exposed to the complex design process of responding to a design brief, selecting appropriate materials and following a time line. Let your imagination and innovation be unleashed!

Food Technology (10FTEC)

Charge \$155

This course is an irresistible Australian culinary adventure, inspired by global influences. Students gain knowledge about nutrition and how it links to a healthy lifestyle. Basic local food commodities are the focus of each week and students explore the factors that influence their food choices. Students prepare meals suitable for breakfast, lunch and dinner in a hospitality grade commercial kitchen. The course culminates with a design task of preparing a celebration 3 course meal for selected guests.

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 Cert II in Hospitality
			Fashion and Style	General Materials Design and Technology – Textiles

Technologies - Design Technologies

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.

Electrical (10ELEC)

Charge \$140

This course 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.

Electrical 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 (10ENGM)

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 students 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 you produce solutions.

Mechanics (10MEC)

Charge \$140

The course will cover the operation of multi cylinder engines. Students will learn about the operation of petrol and diesel engines in both two stroke and four stroke configurations. They will also learn about systems that operate in unison with single and multi-cylinder engines, such as, power generation, pumping of fuel and lubricant.

Students will also learn about some basic automotive components such as brakes, steering, gearing, clutches differentials etc. Students will produce a work package from theory lessons that will serve as a valuable future reference, both in and out of school.

As in all workshop courses students will be required to adhere to Occupational Health and Safety practices at all times. These practices include but are not limited to correct footwear and safe behaviour.

NOTE:

Additional optional costs may be required to cover the Moto GP excursions. These will appear on the Additional Extra Cost Options sheet within the 2025 Contributions and Charges Handbook, disseminated to parents around 1st December 2024.

Metal Technology (10MET)

Charge \$140

This course introduces students to the manipulation of metals using a wide range of tools, processes, materials and systems. The 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 (10WOOD)

Charge \$140

This course introduces students to the manipulation of wood and wood products using a wide range of tools, processes, materials and systems. The 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	
		Electrical	Electrical	Dimensional Design CAD/CAM ATAR Engineering - Mechatronics
		Engineering - Mechatronics	Engineering - Mechatronics	General Engineering-Mechanical



Technologies - Digital Technologies

Business Management and Enterprise (10BME)

Charge \$35

This course aims to expose students to the role of business in our society, covering topics such as industries, marketing, contracts and rights, and employment, including the associated rights and responsibilities.

The course also aims to make students aware of the cost of independent living by covering life skills such as budgeting (including utilities), insurance costs, distinguishing between wants and needs, and financial decision-making, such as the use of credit cards.

Students will complete this course using software applications as tools for production; please note that this is not a secretarial course.

Computer Science (10CSC)

Charge \$50

This course is useful to all students - those who will study or work with computers, those who desire a general knowledge of computers, or those who are interested in computer science as it applies to fields of employment.

This course will cover a basic understanding of computer systems, computer component, flowcharts and research topics of interest in the world of computers and, an introduction to the role that computers play in today's society. This course has been designed around the following essential understandings:

- *Technology is a tool in our everyday life;*
- *Technology helps us retrieve and present information;*
- *Technological progress presents new possibilities and challenges.*

The computer curriculum covers the following topics: computer hardware, word processing, spreadsheets, database, multimedia (animation and graphics), Internet usage, computer ethics and safety, and programming (algorithms). This course inspires students to exercise both the creative and logical hemispheres of the brain. Through fun and challenging projects, students will use their imaginations, hone their planning and problem solving skills, learn how to use media tools and discover fundamental concepts pertaining to the use of computer in society.

Students will develop skills in problem solving and programming in future studies in Applied Information Technology / Computer Science and will be given the opportunity to demonstrate high levels of design and creativity for future studies in Photography / Graphic Design.

Design Photography (10DESP)

Charge \$110

The focus for this course is the study and application of basic composition techniques and the application of design principles in photographic works using digital photographic equipment and state of the art software. Students understand that photography is a discipline area with its own history, traditions, styles and techniques.

Students are introduced to composition elements and design principles and photography design processes and practice. They are introduced to the design process from the moment of ideation (forming ideas) to the final making and presentation of final prints (photographs). Students will learn 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.

In this course, students will explore the latest developments in digital photography. Students will utilise a variety of software packages, including Photoshop and InDesign and will be introduced to the latest SLR Camera technology. Legal and ethical issues as they relate to the use of media and information sharing will be addressed.

Graphic Design Technology (10GRD)

Charge \$60

This course engages students in manual and computer-based forms of image generation and manipulation and develops knowledge of the wide application of graphics in a variety of contexts and an ever-increasing range of vocations.

Students will develop an understanding of the significance of graphical communication and the techniques and technologies used to convey technical and non-technical ideas and information.

Students will engage in the following outcomes:

- Use graphics conventions, standards and procedures in the design, production and interpretation of a range of manual and computer-based graphical presentations.
- Select and apply techniques in the design and creation of computer-based presentations and simulations to communicate information.
- Apply Occupational Health and Safety (OHS) practices and risk management techniques to the work environment.
- Appreciate the nature and scope of graphics in industry and the relationships between graphics technology, the individual, society and the environment.

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 Photography
			Graphic Design Technology	General Graphic Design
		Business Management and Enterprise	Business Management and Enterprise	General Career and Enterprise
		Computer Science Robotics	Computer Science	eSports Endorsed Program Cert II in Applied Digital Technology



STEM Academy

STEM (10STEM)

Charge \$150

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

Laboratory Skills (10LAB)

Charge \$40

Preferred prerequisites:

- Minimum C Grade in Year 9 Science General

This course provides students with a comprehensive introduction to essential laboratory techniques and practices. Throughout the course, students will gain proficiency in water and soil analysis, learning to conduct precise measurements and assessments of these crucial environmental elements. The curriculum includes hands-on experience in extractions, allowing students to understand the process of isolating specific components from complex mixtures. Emphasis is also placed on calibration and standardisation techniques, ensuring students develop a strong foundation in maintaining accuracy and precision in their experimental work. By the end of the course, students will have acquired a solid understanding of laboratory practices, setting the stage for further exploration and specialisation in the scientific field.

Psychology (10PSY)

Charge \$40

This course aims to provide insight and examine the causes and influences on why people do what they do. The course will use scientific inquiry and psychological research and theory to look at human learning, development, motivation and interaction to see how it affects people in different situations.

In Term one students will dissect the concept of nature vs nurture as a cause of criminal behaviour; investigating whether biological aspects such as genetics, trauma and injury or an individual's environmental influences such as family and friends lead to a life of crime.

In term two students will investigate the influence of groups on individual behaviour and explore psychological concepts such as conformity, obedience and compliance through the lens of gangs and cults.

Second semester will cover sports psychology looking at performance, attitudes, physical education and motivation that help athletes succeed and will also introduce positive psychology looking at individual wellbeing focusing on areas such as models of wellbeing, stress and its management and factors affecting wellbeing such as sleep.

Overview of possible Pathway for Years 7 - 12

Year 7	Year 8	Year 9	Year 10	Years 11 and 12
		Criminology	Psychology	General Psychology ATAR Psychology ATAR Modern History
			Lab Skills	General Human Biology General Science in Practice ATAR Biology ATAR Human Biology ATAR Chemistry ATAR Physics Cert II Sampling & Measurement

