2022 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 2022.*

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

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 boys 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 2022 Voluntary Contributions and Charges Handbook, disseminated to families in December 2021 for the 2022 Academic Year.

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 girls 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 2022 Voluntary Contributions and Charges Handbook, disseminated to families in December 2021 for the 2022 Academic Year.

Basketball - Extension Program (9BASEX) Charge $50

Prerequisites:

☑ **Students will undergo a selection process before being accepted into this 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 2022 Voluntary Contributions and Charges Handbook, disseminated to families in December 2021 for the 2022 Academic Year.

Physical Education (9PE) Charge $46

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 2022 Voluntary Contributions and Charges Handbook, disseminated to families in December 2021 for the 2022 Academic Year.

Surfing Development Program (9SURF) Charge $250

Prerequisites:

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

This program is designed to provide a select group of students with the opportunity to develop and extend their skills in surfing, beach and water safety and other aspects of surfing including weather and competition surfing. The 'Big Wave Surfing School' will provide coaching, and students will be able to gain Surfing Levels Accreditation as set out by Surfing WA.

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 2022 Voluntary Contributions and Charges Handbook, disseminated to families in December 2021 for the 2022 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	Certificate II in Sports Coaching Certificate II in Sports Recreation – Outdoor Education Certificate II / III in Sports Recreation (AFL) boys Certificate II / III in Sports Recreation (AFL) girls General Physical Education Studies General Health Studies ATAR Health Studies
		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	
Australian Football Specialist Program Girls	Australian Football Specialist Program Girls	Australian Football Specialist Program Girls	Australian Football Specialist Program Girls	
	Surfing	Surfing	Surfing	
	Soccer Development	Soccer Development	Soccer Development	
	Basketball Extension	Basketball Extension	Basketball Extension	
		Outdoor Education	Outdoor Education	

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 Nadia Hall, 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 (9DAN) Charge $60

This course provides the students with the basics of dance, focusing on:

- *Body, Energy, Space, Time;*
- *Structure/Choreographic Process;*
- *Group work and Problem Solving;*
- *Practice and Rehearsal;*
- *Performance Preparation;*
- *Performance Space;*
- *Performance Etiquette;*
- *Strength, Flexibility, Coordination and Endurance;*
- *Warm up/Cool down.*

Students will be learning 2 dance genres throughout the year. The students will then perform the styles in front of a chosen audience and reflect on the performance guided by the teacher with specific questions.

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.

Drama - Extension Program (9DRAEX) Charge $70

Prerequisites:

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

Students will explore a variety of theatrical forms moving away from realism including musicals, and stylised theatre. There is an expectation that students will be committed to continuing their Drama Extension studies in Year 10. A wide range of performance opportunities will be a feature of this course including a public performance at the Mandurah Performing Arts Centre as part of the Youth on Health Festival.

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.

Media - Extension Program (9MEDEX) Charge $55

Do you ever wonder how movies are made? In Media, students can learn how to create a short film from start to finish. They will work in a team, learn production skills, and use a range of equipment to craft their very own creative piece. Using Adobe software including Premiere Pro, students will edit their footage into a meaningful sequence of shots, showcasing their ability as a director, cinematographer, editor and producer. Along the way students will learn how to critically analyse visual texts, and understand the meaning behind what they see on the screen. There may be opportunities to enter their work into competitions.

Music (9MUS) Charge $50

Students will learn to read and write music, learn basic chord and rhythm skills on guitar, bass, drums and keyboard, participate in whole class singing activities, participate in song writing, recording, and learning and performing music from a variety of genres. In addition, students have time to form their own groups that they will rehearse and perform with during class time.

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 Nadia Hall, 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.

Visual Art - Extension Program (9ARTE) Charge $90

Prerequisites:

☑ **Entry into the Visual Art - Extension program is by application only.**
Please contact Nadia Hall, Dean of The Arts for further information on 9553 8100.

Students continue to develop and refine their observational drawing skills beyond the level offered in the General pathway. Students typically complete three major projects over the year including a perspective drawing task, a 3D paper clay sculpture and an acrylic painting. Students will 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

<table>
<tr><th>Year 7</th><th>Year 8</th><th>Year 9</th><th>Year 10</th><th>Year 11 and 12</th></tr>
<tr><td>Music</td><td>Music</td><td>Music</td><td>Music</td><td rowspan="2">Certificate II in Music

Certificate III in Music</td></tr>
<tr><td>Music Extension</td><td>Music Extension</td><td>Music Extension</td><td>Music Extension</td></tr>
<tr><td>Drama</td><td>Drama</td><td>Drama</td><td>Drama</td><td rowspan="2"></td></tr>
<tr><td>Drama Extension</td><td>Drama Extension</td><td>Drama Extension</td><td>Drama Extension</td></tr>
<tr><td rowspan="2">Visual Art</td><td rowspan="2">Visual Art</td><td>Clay</td><td>Design and Sculpture</td><td rowspan="3">General Visual Art

ATAR Visual Art</td></tr>
<tr><td>Visual Art</td><td>Visual Art</td></tr>
<tr><td>Visual Art Extension</td><td>Visual Art Extension</td><td>Visual Art Extension</td><td>Visual Art Extension</td></tr>
<tr><td rowspan="2">Dance</td><td rowspan="2">Dance</td><td>Dance</td><td>Dance</td><td rowspan="3"></td></tr>
<tr><td>Cheerleading</td><td>Cheerleading</td></tr>
<tr><td>Dance Extension</td><td>Dance Extension</td><td>Dance Extension</td><td>Dance Extension</td></tr>
<tr><td rowspan="2">Media</td><td rowspan="2">Media</td><td>Media</td><td>Media</td><td rowspan="2">Certificate II in Creative Industries (Media)

General Media Production and Analysis

ATAR Media Production and Analysis</td></tr>
<tr><td>Media Extension</td><td>Media Extension</td></tr>
</table>

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.

Fashion and Textiles (9FASH) Charge $120

Students will be introduced to skills and techniques involved with producing textile items and garments. In addition, they will learn about various fibres, materials and equipment in order to produce such items. Practical tasks include a skills bank, fabric dyeing, fashion bag, T-shirt and other garments.

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
		Fashion and Textiles	Fashion and Style	General Materials Design and Technology – Textiles
		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 $120

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 $120

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 $120

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 $120

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 $120

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 $120

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

<table>
<tr><th>Year 7</th><th>Year 8</th><th>Year 9</th><th>Year 10</th><th>Years 11 and 12</th></tr>
<tr><td rowspan="7">Design and Technology</td><td rowspan="7">Design and Technology</td><td>Wood Technology</td><td>Wood Technology</td><td rowspan="3">General Materials Design and Technology – Wood

General Materials Design and Technology – Metal</td></tr>
<tr><td>Metal Technology</td><td>Metal Technology</td></tr>
<tr><td>Mechanics</td><td>Mechanics</td></tr>
<tr><td>Electrical</td><td>Electrical</td><td rowspan="2">General Engineering-Mechanical

Drones (endorsed program)</td></tr>
<tr><td>Engineering - Mechatronics</td><td>Engineering - Mechatronics</td></tr>
<tr><td rowspan="2">CAD/CAM</td><td rowspan="2">CAD/CAM</td><td rowspan="2">General Materials Design and Technology – Wood
General Materials Design and Technology – Metal
General Engineering-Mechanical</td></tr>
<tr></tr>
</table>

Technologies - Digital Technologies

Artificial Intelligence and Robotics (9AI) Charge $120

This course will introduce you to the fundamentals of what is involved in creating 'smart' devices and machines. It will explore how these devices sense what is around them and how they make decisions based on what they sense. It will investigate what it means to be 'autonomous' and how science and technology is on the verge of making the giant leap towards truly autonomous robots, ones that will be able to interact with humans and learn just like humans. We will also explore the ethics of robotics and what they should and should not be able/allowed to do. In a world where these 'super smart' machines are on the way it is good to know how it is done.

Business Management and Enterprise (9BME) Charge $25

In this course students will gain an understanding of business, marketing, consumerism and the role these play in our lives. Students will also investigate financial management in our society separating wants from needs. This course makes students aware of the skills employers are looking for in the future such as creativity, initiative and enterprise and basic computer application skills. While students will be using technology and applications this course is not a secretarial course.

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.

Graphic Design Technology (9GRDT) Charge $40

In this course, students develop the ability to communicate through graphics as a universal language and learn technologies and techniques to convey ideas and information. Students will learn to produce a wide range of images, drawings and pictures using a variety of media and industry standard software such as Adobe Illustrator and Photoshop etc. This course provides various pathways after year 10 Graphics Design such TAFE certifications that lead to careers in creative industries, such as Graphics Design, Media, Web development and in Gaming.

Overview of possible Digital Technologies Pathways for Years 7 - 12

<table>
<tr><th>Year 7</th><th>Year 8</th><th>Year 9</th><th>Year 10</th><th>Years 11 and 12</th></tr>
<tr><td rowspan="5">Digital Technology</td><td rowspan="5">Digital Technology</td><td>Design Photography</td><td>Design Photography</td><td rowspan="2">General Graphic Design

General Photography</td></tr>
<tr><td>Graphic Design Technology</td><td>Graphic Design Technology</td></tr>
<tr><td>Computer Science Robotics</td><td>Computer Science</td><td rowspan="2"></td></tr>
<tr><td>Artificial Intelligence</td><td>Artificial Intelligence</td></tr>
<tr><td>Business Management and Enterprise</td><td>Business Management and Enterprise</td><td>General Career and Enterprise

Certificate II Workplace Skills</td></tr>
</table>

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

<table>
<tr><th>Year 7</th><th>Year 8</th><th>Year 9</th><th>Year 10</th><th>Years 11 and 12</th></tr>
<tr><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2">Criminology</td><td>Criminology</td><td rowspan="2">General Politics and Law
General Psychology
ATAR Psychology
ATAR Modern History</td></tr>
<tr><td>Criminology Extension</td></tr>
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