



2024 UPPER SCHOOL Course Selection Handbook

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This publication is an information document for Comet Bay College students. Every effort has been made to ensure that the information in this document is correct at the date of printing. Occasionally, changes to course details may be necessary due to circumstances beyond our control.

University, State and Private Training Provider entrance requirements may alter from time to time and the recommended websites will elicit the most up to date information.

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Introduction

Year 10 Selections for Upper School 2024

This booklet has been prepared to assist parents and students in making educational decisions for 2024 and beyond. This is always a complex and difficult task that requires careful thought and consideration.

Meeting the requirements for the WA Certificate of Education, or for entrance to a State Training Provider or University, depends largely on student ambitions and abilities. There are many factors to be considered when choosing courses. Even if you haven't decided on a career area, it is important to look at several possibilities and check prerequisites so that you don't restrict future options. When choosing a program of study, consider:

1. Abilities

It is important to check the recommended prerequisite levels for different courses to ensure that you select a course that is best suited to you. Your end of Year 9 performance is the best indicator. Achievement in the NAPLAN (National Testing in Literacy and Numeracy) can also be a useful guide. Previous years' data shows that students who have achieved in Band 7 or above in Reading and Numeracy are more able to succeed at the University bound courses, for example.

2. Future Goals

Ensure that courses chosen meet criteria for future employment or studies. If career goals aren't clear, select a course that offers flexibility, interest and a realistic chance of success.

3. Interests

Choose courses that you are likely to enjoy as you will spend a considerable amount of time studying them in upper school.

4. Financial Commitment

We recommend families take into consideration course costs and their affordability at this stage of the Course Selection Process.

In making your selection, please be aware that ALL Year 11 and 12 Courses carry COMPULSORY CHARGES which require FULL PAYMENT by 30 June 2024* to avoid referral of any outstanding charges to debt collection.

With the exception of **Fee for Service Qualifications which require payment in full to secure enrolment PRIOR to the commencement of Term 1, 24th January 2024.*

5. Courses Delivered Over Years 11 and 12 (2 Years)

In the case of courses/qualifications that are delivered over Years 11 and 12, please consider the financial commitment for both years. As a general indication of the cost of the second year, please refer to the corresponding Year 12 course description within this Handbook.

Movement between pathways is not easy, and it can place secondary graduation at risk. Therefore, we encourage students and parents to think carefully and try to minimise movement later during the student's senior years. Students and parents are advised to request courses or units that reflect the recommended pathways. These have been recommended based on past performance.

Upper School Pathways

At Comet Bay College, year 11 and 12 students will have the opportunity to engage in one of the following options:

- | | |
|-----------------------|--|
| Pathway One: | University Entrance. |
| Pathway Two: | Alternative University Entrance,
State or Private Training Providers or Employment. |
| Pathway Three: | School Transition to Employment (STEP)
(Apprenticeship, Traineeship or Employment). |

NOTE:

Some students will take three years to meet graduation requirements.

Pathway One – UNIVERSITY ENTRANCE

Direct entrance into university requires an Australian Tertiary Admissions Rank (ATAR). The ATAR is based on a score derived from the top four courses completed in Year 12. Students need high levels of achievement, strong work ethic, organisational skills, and good time management.

Students are required to select ATAR courses in Year 11 and Year 12.

What to select:

Year 11		Year 12	
5 1	ATAR Courses Cert II Qualification or General course	4 or 5 1	ATAR Courses Cert II Qualification, General course or Study/Flexi period

Each student choosing this pathway must study six courses in Year 11. In order to satisfy English language competence standards, students must select English or Literature as one of their six courses.

They must include:

One List A Course (Arts / Languages / Humanities & Social Sciences)

and

One List B Course (Mathematics / Science / Technology)

Students that have a clear idea of what they want to enrol in for university should check the TISC WA website, identify where these courses are on offer, and ensure they have selected relevant prerequisite courses for Year 12.

NOTE:

For more details of courses, prerequisites and requirements please see the PATHWAY ONE section of this booklet.

Pathway Two – GENERAL OR ALTERNATIVE UNIVERSITY ENTRY

Students entering this pathway are seeking employment, further training or alternative entrance into university via portfolio entrance, or transitioning through a State or Private Training Provider. They will need to select a combination of General and ATAR courses, and will not receive an ATAR score.

Students may also select 1 or 2 Certificate II Qualifications.

What to select:

Year 11	Year 12
<p>Recommended: 4 or 5 General and ATAR courses <u>plus</u> 1 or 2 Cert II Qualifications <u>or</u> 6 General or ATAR courses</p> <p><u>NOTE:</u> <i>A student must not select more than 3 ATAR courses.</i></p>	<p>Recommended: 4 or 5 General and ATAR courses <u>plus</u> 1 or 2 Cert II Qualifications <u>or</u> 6 General or ATAR courses</p> <p><u>NOTE:</u> <i>A student must not select more than 3 ATAR courses.</i></p>

Each student choosing this pathway must study six courses in Year 11. In order to satisfy English language competency standards, students must select English as one of their six courses.

They must include:

At least one List A Course (Arts / Languages / Humanities & Social Sciences)
and
At least one List B Course (Mathematics / Science / Technology)
(Recommended two list B Courses)

NOTE:

*Students may select School Based Qualifications or Fee for Service Qualification.
Students who have OLNA 1 in Numeracy must select Foundations Mathematics.
Students who have OLNA 1 in Literacy must select Foundations English.
For more details of courses, prerequisites and requirements please see the PATHWAY TWO section of this booklet.*

Pathway Three – SCHOOL TRANSITION TO EMPLOYMENT (STEP)

Students entering this pathway are either seeking employment or entry to TAFE or a private Registered Training Organisation (RTO).

The STEP pathway also provides students with the opportunity to continue their education and training post-school and can lead to the achievement of higher-level qualifications such as Certificate III and IV, or eventual university entry.

Students in the STEP program will attend school three days each week and attend TAFE (or another RTO) and workplace learning on the remaining two days. STEP students select ONE VET qualification listed in the STEP section of this handbook, and are required to complete the following courses at school:

COURSE	Year 11	Year 12
English General	✓	✓
Mathematics Essential General	✓	✓
Mathematics Applications ATAR (optional year 11 & 12)	✓	✓
Health Studies General	✓	✓
Workplace Learning	✓	✓
BSB20120 Cert II Workplace Skills	✓	×
FSK20119 Cert II in Skills for Work and VET Pathway	×	✓

Minimum Criteria for STEP program:

- Minimum of C grade in Mathematics, English and Science.
- OLNA 2 or above in Numeracy, Reading and Writing.
- High standards of attendance.

How to apply for the STEP Program?

1. Complete a General Selection through our online selection process (SSO).
2. Tick the STEP BOX at the end of the course selection process on SSO.
3. Book a STEP interview for week 1 or 2 of term 3 (via the link on SSO).
4. Complete a Profile Funded TAFE application for the course you are interested in.

This process will be explained at your STEP interview.

Funded TAFE applications will close on 31 August 2023.

Students are notified of their acceptance into their VET or TAFE course **by mid October 2023.**

Alternative Possibilities

Students who do not choose to enter any of the previous pathways **may choose alternatives that do not involve Comet Bay College.**

The legal options children in their 16th and 17th years are able to access are listed below. Whilst these options are organised independently of the college, the following paperwork is required to enable the student's subsequent withdrawal from Comet Bay College:

Full-time Home-Based Schooling:

The local District Education Office needs to be advised.

Full-time Enrolment at a Training Institution:

e.g., Training WA College or private Registered Training Organisation (RTO):

A 'Notice of Arrangements' Application Form needs to be completed and submitted to the local District Education Office for approval.

NOTE: Where a *Training WA Enrolment Form* and a *Training WA Parent Consent Form* is signed, there is no need for a *Notice of Arrangement* to be submitted.

Apprenticeship or Traineeship:

A 'Notice of Arrangements' is not required providing an apprenticeship or traineeship contract has been signed.

Community Based Course:

A 'Notice of Arrangements' Application Form needs to be completed and submitted to the local District Education Office for approval.

Combination Program involving part-time school/training and/or part-time work:

A 'Notice of Arrangements' Application Form needs to be completed and submitted to the local District Education Office for approval.

Full-time Employment:

A 'Notice of Arrangements' Application Form needs to be completed and submitted to the local District Education Office for approval.

To ensure you have completed the appropriate paperwork, or for any further queries, please contact our Student Support Staff on 9553 8100.

Western Australian Certificate of Education (WACE)

The Western Australian Certificate of Education (WACE) is awarded to secondary school students who satisfy the requirements.

WACE Requirements for 2024

To achieve a WACE, a student must satisfy the following:

General requirements

Students must:

- demonstrate a minimum standard of literacy and a minimum standard of numeracy based on the skills regarded as essential for individuals to meet the demands of everyday life and work in a knowledge-based economy.
- complete a minimum of 20 units or equivalents as described below.
- complete four or more Year 12 ATAR courses or complete a General course or Certificate II or higher.

Breadth and depth

Students will complete a minimum of 20 course units or the equivalent. This requirement must include at least:

- a minimum of 10 Year 12 units, or the equivalent.
- two completed Year 11 English units and one pair of completed Year 12 English units.
- one pair of Year 12 course units from each of List A (Arts/English/Languages/Humanities and Social Sciences) and List B (Mathematics/Science/Technology).

Achievement standard

Students will be required to achieve 14 C grades (or equivalence, see below) in Year 11 and Year 12 units, including at least six C grades in Year 12 units (or equivalence).

Unit equivalence can be obtained through VET programs and/or endorsed programs. The maximum unit equivalence available through these programs is eight units – four Year 11 units, and four Year 12 units.

Students may obtain unit equivalence as follows:

- Up to eight-unit equivalents through completion of VET programs, **or**
- Up to four-unit equivalents through completion of endorsed programs, **or**
- Up to eight-unit equivalents through a combination of VET and endorsed programs, but with endorsed programs contributing no more than four-unit equivalents.

The amount of unit equivalence allocated to VET and endorsed programs are as follows:
VET qualifications

- Certificate I is equivalent to two Year 11 units
- Certificate II is equivalent to two Year 11 and two Year 12 units
- Certificate III or higher is equivalent to two Year 11 and four Year 12 units

Endorsed programs – unit equivalence is identified on the Authority's approved list of endorsed programs.

WACE courses are offered at Comet Bay College in 2024.

(Students either in Pathway 1 or 2 select from these courses):

LIST A (Arts / Languages / Social Science)		LIST B (Mathematics / Science / Technology)	
HIA	Ancient History	BLY	Biology
CAE	Career and Enterprise	CHE	Chemistry
CFC	Children, Family and Community	CSC	Computer Science
DRA	Drama	DESG	Design Graphic
ECO	Economics	DESP	Design Photography
ENG	English	DESD	Design Dimensional - CAD
GEO	Geography	EST	Engineering
HEA	Health Studies	FST	Food Science and Technology
LIT	Literature	HBV	Human Biology
MPA	Media Production and Analysis	ISC	Integrated Science
HIM	Modern History	MDTM	Material Design and Tech. – Metals
PAL	Politics and Law	MDTW	Material Design and Tech. – Wood
VAR	Visual Arts	MDTT	Material Design and Tech. – Textiles
		MAE	Mathematics Essential
		MAA	Mathematics Application
		MAM	Mathematics Methods
		MAS	Mathematics Specialist
		MAT	Mathematics Foundation
		OES	Outdoor Education Studies
		PES	Physical Education Studies
		PHY	Physics
		PSY	Psychology

University Bound Courses offered for 2024

LIST A	LIST B
Economics	Biology
English	Chemistry
Geography	Engineering
Health Studies	Human Biology
Literature	Mathematics Applications
Media Production and Analysis	Mathematics Methods
Modern History	Mathematics Specialist
Visual Art	Physics
	Psychology

Pathway One – University Entrance

Individual Course Descriptions

Biology (A1/A2BLY)

COST: \$80

This course leads to Biology (ATBLY) in Year 12

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 SCIENCE.

Biology is the study of the fascinating diversity of life as it has evolved and as it interacts and functions. Investigation of biological systems and their interactions, from cellular processes to ecosystem dynamics, has led to biological knowledge and understanding that enables us to explore and explain everyday observations, find solutions to biological issues, and understand the processes of biological continuity and change over time.

Living systems are all interconnected and interact at a variety of spatial and temporal scales, from the molecular level to the ecosystem level. Investigation of living systems involves classification of key components within the system, and analysis of how those components interact, particularly with regard to the movement of matter and the transfer and transformation of energy within and between systems. Analysis of the ways living systems change over time involves understanding of the factors that impact on the system, and investigation of system mechanisms to respond to internal and external changes and ensure continuity of the system. The theory of evolution by natural selection is critical to explaining these patterns and processes in biology and underpins the study of all living systems.

Australian, regional and global communities rely on the biological sciences to understand, address and successfully manage environmental, health and sustainability challenges facing society in the twenty-first century. These include the biosecurity and resilience of ecosystems, the health and well-being of organisms and their populations, and the sustainability of biological resources. Students use their understanding of the interconnectedness of biological systems when evaluating both the impact of human activity and the strategies proposed to address major biological challenges now and in the future in local, national and global contexts.

This course explores ways in which scientists work collaboratively and individually in a range of integrated fields to increase understanding of an ever-expanding body of biological knowledge. Students develop their investigative, analytical and communication skills through field, laboratory, and research investigations of living systems and through critical evaluation of the development, ethics, applications and influences of contemporary biological knowledge in a range of contexts.

Unit 1 – Ecosystems and biodiversity

Students analyse abiotic and biotic ecosystem components and their interactions, using classification systems for data collection, comparison, and evaluation.

Unit 2 – From single cells to multicellular organisms

Students investigate the interdependent components of the cell system and the multiple interacting systems in multicellular organisms.

Chemistry (A1/A2CHE)

COST: \$90

This course leads to Chemistry (ATCHE) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 SCIENCE.

Chemistry is the study of materials and substances and the transformations they undergo through interactions and the transfer of energy. Chemists can use an understanding of chemical structures and processes to adapt, control and manipulate systems to meet particular economic, environmental, and social needs. This includes addressing the global challenges of climate change and security of water, food and energy supplies, and designing processes to maximise the efficient use of Earth's finite resources. Chemistry develops students' understanding of the key chemical concepts and models of structure, bonding, and chemical change, including the role of chemical,

electrical and thermal energy. Students learn how models of structure and bonding enable chemists to predict properties and reactions and to adapt these for particular purposes.

Students explore key concepts and models through active inquiry into phenomena and through contexts that exemplify the role of chemistry and chemists in society. Students design and conduct qualitative and quantitative investigations both individually and collaboratively. They investigate questions and hypotheses, manipulate variables, analyse data, evaluate claims, solve problems, and develop and communicate evidence-based arguments and models. Thinking in chemistry involves using differing scales, including macro, micro and nanoscales; using specialised representations such as chemical symbols and equations; and being creative when designing new materials or models of chemical systems. The study of chemistry provides a foundation for undertaking investigations in a wide range of scientific fields and often provides the unifying link across interdisciplinary studies.

Unit 1 – Chemical fundamentals: structure, properties, and reactions

Students use models of atomic structure and bonding to explain the macroscopic properties of materials. Students develop their understanding of the energy changes associated with chemical reactions and the use of chemical equations to calculate the masses of substances involved in chemical reactions.

Unit 2 – Molecular interactions and reactions

Students continue to develop their understanding of bonding models and the relationship between structure, properties, and reactions, including consideration of the factors that affect the rate of chemical reactions. Students investigate the unique properties of water and the properties of acids and bases and use chemical equations to calculate the concentrations and volumes of solutions involved in chemical reactions.

Economics (A1/A2ECO)

COST: \$70

This course leads to Economics (ATECO) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 HUMANITIES AND SOCIAL SCIENCES.

Economics investigates the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with limited resources. Economics aims to understand and analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. Economics develops the knowledge, reasoning and interpretation skills that form an important component of understanding individual, business and government behaviour at the local, national, and global levels.

This course develops reasoning, logical thinking and interpretation skills demanded by the world of work, business, and government. These skills relate to a variety of qualifications in vocational, technical and university education contexts. The learning experiences available through studying this course explore the knowledge, values and opinions which surround the complex range of economic events and issues facing our community, such as unemployment, income distribution, business strategy and international relations.

Economic literacy developed through this course enables students to actively participate in economic and financial decision-making which promotes individual and societal wealth and wellbeing.

Engineering – Mechatronics (A1/A2EST)

COST: \$280

This course leads to Engineering – Mechatronics (ATEST) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 ENGINEERING – MECHATRONICS.

This exciting STEM course focuses on solving problems and overcoming challenges using technology focused solutions. This course will foster student's creativity, practical and problem-solving skills and turn ideas into reality by applying lateral thinking and mathematical and scientific principles to develop solutions to problems, needs and opportunities.

Students will develop skills and knowledge in the electro-technology field, robotics, coding, and computer aided drawing. They will have the opportunity to develop solutions using innovative computer aided manufacturing (CAM) technologies such as, micro controllers, 3D printers, Laser cutters and CNC mill to help them produce solutions. The students will investigate, research and present information, design and make products and undertake project development. They will apply engineering processes, understand underpinning scientific and mathematical principles, develop engineering technology skills, and explore the interrelationships between engineering and society.

This course is essentially a practical course focusing on real-life contexts. It aims to prepare students for a future in an increasingly technological world by providing the foundation for life-long learning about engineering. It is particularly suited to those students who are interested in engineering and technical industries as future careers.

English (A1/A2ENG)

COST: \$40

This course leads to English (ATENG) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 ENGLISH.

Students explore how meaning is communicated through the relationships between language, text, purpose, context and audience. This includes how language and texts are shaped by their purpose, the audiences for whom they are intended and the contexts in which they are created and received. This course places an emphasis on creating imaginative, interpretive and persuasive texts, as well as responding to these text types. Study in this unit focuses on the similarities and differences between texts and how visual elements combine with spoken and written elements to create meaning. Students develop an understanding of stylistic features and apply skills of analysis and creativity. They are able to respond to texts in a variety of ways, creating their own texts and reflecting on their own learning.

Geography (A1/A2GEO)

COST: \$90

This course leads to Geography (ATGEO) in Year 12.

**TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE
IN YEAR 10 HUMANITIES & SOCIAL SCIENCES.**

The study of geography draws on students' curiosity about the diversity of the world's places and their peoples, cultures, and environments. It enables them to appreciate the complexity of our world and the diversity of its environments, economies and cultures and use this knowledge to promote a more sustainable way of life and awareness of social and spatial inequalities.

The Geography ATAR course provides a structured, disciplinary framework to investigate and analyse a range of challenges and associated opportunities facing Australia and the global community. These challenges include dealing with natural (earthquakes) and ecological (nuclear) hazards, the impacts of globalisation (tourism), rapid change in physical environments (climate change) and the sustainability of places (Perth and Jakarta).

As a subject within the Humanities and Social Sciences, geography studies spatial aspects of human culture using inquiry methods that are analytical, critical, and speculative. As a science, geography develops an appreciation of the role of the physical environment in human life, and an understanding of the effects human activities can have on environments. As a result, it develops students' ability to identify, evaluate and justify appropriate and sustainable approaches to the future by thinking holistically and spatially in seeking answers to questions.

Unit 1 – Natural and ecological hazards

In this unit, students explore both natural (i.e., hydrological, geomorphic, and atmospheric) hazards and ecological (i.e., biological, and chemical) hazards, the impacts they have on people, place and environments and the risk management of these hazards. Risk management is defined in terms of preparedness and mitigation.

Unit 2 – Global networks and interconnections

In this unit, students explore the economic and cultural transformations taking place in the world – the diffusion and changing spatial distribution and the impacts of these changes – that will enable them to better understand the dynamic nature of the world in which they live.

Fieldwork is a compulsory aspect of the course. For this course the planned trip will be to Mandurah Dolphin Cruises to collect data in support of their studies of tourism.

Additional costs for field trips will apply.

Health Studies (A1/A2HEA)

COST: \$90

This course leads to Health Studies (ATHEA) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 ENGLISH.

This course provides an introduction into personal health and wellbeing and what it means to be healthy by exploring health as a dynamic quality of life. Students examine the impact of social, environmental, economic and biomedical determinants on health and their collective contribution to health disparities, as well as exploring approaches to address barriers which prevent groups from experiencing better health. The impact of beliefs, attitudes and values, and social and cultural norms on health behaviours will also be examined. Students apply inquiry skills to examine and analyse health issues, develop arguments and draw evidence-based conclusions. The course also provides students with opportunities to develop skills that will enable them to pursue careers in health promotion, research or community health care.

Human Biology (A1/A2HBY)

COST: \$80

This course leads to Human Biology (ATHBY) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 SCIENCE.

Unit 1 – The functioning human body

This unit looks at how human structure and function supports cellular metabolism and how lifestyle choices affect body functioning.

Students investigate questions about problems associated with factors affecting metabolism. They trial different methods of collecting data, use simple calculations to analyse data and become aware of the implications of bias and experimental error in the interpretation of results. They are encouraged to use ICT to interpret and communicate their findings in a variety of ways.

Unit 2 –Reproduction and inheritance

This unit provides opportunities to explore, in more depth, the mechanisms of transmission of genetic materials to the next generation, the role of males and females in reproduction, and how interactions between genetics and the environment influence early development. The cellular mechanisms for gamete production and zygote formation contribute to human diversity. Meiosis and fertilisation are important in producing new genetic combinations.

Students investigate an aspect of a given problem and trial techniques to collect a variety of quantitative and qualitative data. They apply simple mathematical manipulations to quantitative data, present it appropriately, and discuss sources and implications of experimental error. They also consider the limitations of their procedures and explore the ramifications of results that support or disprove their hypothesis. They are encouraged to use ICT in the analysis and interpretation of their data and presentation of their findings.

Literature (A1/A2LIT)

COST: \$80

This course leads to Literature (ATLIT) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 ENGLISH AND MUST BE AN AVID READER.

This course develops students' knowledge and understanding of different ways of reading and creating literary texts drawn from a widening range of historical, social, cultural and personal contexts. Students analyse the relationships between language, text, contexts, individual points of view and the reader's response. This course develops knowledge and understanding of different literary conventions and storytelling traditions and their relationships with audiences. A range of literary forms is considered: prose fiction, poetry and drama. The significance of ideas and the distinctive qualities of texts are analysed through detailed textual study. Through the creation of analytical responses, students frame consistent arguments that are substantiated by relevant evidence. In the creation of imaginative texts, students explore and experiment with aspects of style and form.

Mathematics Applications (A1/A2MAA)

COST: \$70

This course leads to Mathematics Application (ATMAA) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 MATHEMATICS.

Unit 1

'Consumer arithmetic' reviews the concepts of rate and percentage change in the context of earning and managing money and provides a context for the use of spread sheets. 'Algebra and matrices' continues the Year 7–10 study of algebra and introduces the new topic of matrices. The emphasis of this topic is the symbolic representation and manipulation of information from real-life contexts using algebra and matrices. 'Shape and measurement' extends the knowledge and skills students developed in the Year 7–10 curriculum with the concept of similarity and associated calculations involving simple and compound geometric shapes. The emphasis in this topic is on applying these skills in a range of practical contexts, including those involving three-dimensional shapes.

Unit 2

'Univariate data analysis and the statistical investigation process' develop students' ability to organise and summarise univariate data in the context of conducting a statistical investigation. 'Applications of trigonometry' extends students' knowledge of trigonometry to solve practical problems involving no-right-angled triangles in both two and three dimensions, including problems involving the use of angles of elevation and depression and bearings in navigation. 'Linear equations and their graphs' uses linear equations and straight-line graphs, as well as linear-piecewise and step graphs, to model and analyse practical situations.

Mathematics Methods (A1/A2MAM)

COST: \$70

This course leads to Mathematics Methods (ATMAM) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A GRADE IN YEAR 10 MATHEMATICS.

Unit 1

This unit begins with a review of the basic algebraic concepts and techniques required for a successful introduction to the study of calculus. The basic trigonometric functions are then introduced. Simple relationships between variable quantities are reviewed, and these are used to introduce the key concepts of a function and its graph. The study of inferential statistics begins in this unit with a review of the fundamentals of probability and the introduction of the concepts of counting, conditional probability and independence. Access to technology to support the computational and graphical aspects of these topics is assumed.

Unit 2

The algebra section of this unit focuses on exponentials. Their graphs are examined and their applications in a wide range of settings are explored. Arithmetic and geometric sequences are introduced, and their applications are studied. Rates and average rates of change are introduced, and this is followed by the key concept of the derivative as an 'instantaneous rate of change'. These concepts are reinforced numerically, by calculating difference quotients both geometrically as slopes of chords and tangents, and algebraically. Calculus is developed to study the derivatives of polynomial functions, with simple application of the derivative to curve sketching, the calculation of slopes and equations of tangents, the determination of instantaneous velocities and the solution of optimisation problems. The unit concludes with a brief consideration of anti-differentiation.

Mathematics Specialist (A1/A2MAS)**COST: \$70****This course leads to Mathematics Specialists (ATMAS) in Year 12.****TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A GRADE IN YEAR 10 MATHEMATICS.****Unit 1**

This unit contains three topics: Combinatorics, Vectors in the plane, and Geometry that complement the content of the Mathematical Methods ATAR course. The proficiency strand, reasoning, of the Year 7–10 curriculum is continued explicitly in Geometry through a discussion of developing mathematical arguments. While these ideas are illustrated through deductive Euclidean geometry in this topic, they recur throughout all topics in the Mathematics Specialist ATAR course. Geometry also provides the opportunity to summarise and extend students' studies in Euclidean Geometry. An understanding of this topic is of great benefit in the study of later topics in the course, including vectors and complex numbers. Vectors in the plane provides new perspectives for working with two-dimensional space and serves as an introduction to techniques that will be extended to three-dimensional space in Unit 3. Combinatorics provides techniques that are useful in many areas of mathematics, including probability and algebra. All topics develop students' ability to construct mathematical arguments. The three topics considerably broaden students' mathematical experience and therefore begin an awakening to the breadth and utility of the course. They also enable students to increase their mathematical flexibility and versatility. Access to technology to support the computational aspects of these topics is assumed.

Unit 2

This unit contains three topics: Trigonometry, Matrices, and Real and Complex Numbers. Trigonometry contains techniques that are used in other topics in both this unit and Unit 3. Real and complex numbers provide a continuation of students' study of numbers, and the study of complex numbers is continued in Unit 3. This topic also contains a section on 'proof by mathematical induction'. The study of Matrices is undertaken, including applications to linear transformations of the plane. Access to technology to support the computational aspects of these topics is assumed.

Media Production and Analysis (A1/A2MPA)**COST: \$140****This course leads to Media Production and Analysis (ATMPA) in Year 12.****TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 ENGLISH.**

This course aims to prepare students for a future in a digital and interconnected world by providing the skills, knowledge and understandings to interpret others' stories and tell their own.

Students will explore and interpret their world, reflecting and analysing contemporary life while understanding that this is done under social, cultural and institutional constraints. Students, as user and creator of media products, will consider the important role of audiences and their context. By producing media works, they will demonstrate their understanding of the key concepts of media languages, representation, audience, production, skills and processes as well as expressing their creativity and originality. When producing media creations, they will learn to make decisions about all aspects of production, including creative choices across pre-production, production and post-production phases. This provides an opportunity for them to reflect on and discuss their own creative work, intentions and outcomes. Within this process, their practical skills will be developed with the use of high-quality equipment and tertiary standard software.

Unit 1 – Popular culture

Students will analyse, view, listen to and interact with a range of popular media, develop their own ideas, learn production skills and apply their understandings and skills in creating their own productions.

Unit 2 – Journalism

In this unit students will further their understanding of journalistic media. They will analyse, view, listen to and interact with a range of journalistic genres and undertake research into the representation of groups and issues within media works.

Modern History (A1/A2HIM)

COST: \$80

This course leads to Modern History (ATHIM) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 HUMANITIES & SOCIAL SCIENCES.

Unit 1– Understanding the modern world

In this unit, students are introduced to significant developments in the modern period that have defined the modern world, and the ideas that underpinned them, such as liberty, equality and fraternity.

Unit 1 – Elective 7: Capitalism – the American experience (1901 – 1941)

- The political, economic and social situation in the USA at the beginning of the 20th century.
- The impact on American capitalism on trust busting, WWI, the 1920s, WWII until 1941, the growth of consumerism.
- The nature of American capitalism and the shaping of American values, for example film and fashion, prohibition, the 'Jazz Age', the Ku Klux Klan, Social Darwinism.
- The Great Depression: its causes, the consequences for different political, economic, and social groups, the effectiveness of the political responses, including the New Deal, the New Deal's impact on capitalism.
- The impact of capitalism on different groups within American society and the aims and beliefs of different groups, for example African Americans, urban workers, rural workers, immigrants, industrialists, members of Indian Nations, the consequences of divisions.
- The role and impact of significant individuals in the period, such as Theodore Roosevelt, William Taft, Woodrow Wilson, Calvin Coolidge, Herbert Hoover, F D Roosevelt, J D Rockefeller, Henry Ford, J.P. Morgan, Helena Rubinstein, Florence Nightingale Graham aka Elizabeth Arden.
- The significance of capitalism in this period.

Unit 2 – Movements for change in the 20th century

In this unit, students examine significant movements developed in response to the ideas studied in Unit 1 that brought about change in the modern world and that have been subject to political debate. It focuses on the ways in which individuals, groups and institutions challenge authority and transform society.

Elective 6: Nazism in Germany

- The economic, social, political, and military circumstances in Germany at the end of WWI.
- The nature of the Weimar Republic and the political, social, and economic challenges it faced.
- The reasons for the Nazi Party's rise to power, including the Treaty of Versailles, the impact of the Great Depression, the nature of Nazi ideology and hostility to communism, the ability of Hitler and the Nazi Party to utilise popular fears, the Party's organisational and tactical skills.
- The nature and effects of key aspects of the Nazi state such as Gleichschaltung (Coordination), Volksgemeinschaft (People's Community), Herrenvolk (Master race).
- The nature and extent of resistance and opposition to the Nazis.
- Stages and significance of Nazi policies to exterminate minorities in German-controlled lands and the Holocaust, 1933 - 1945.
- The role and impact of significant individuals in Weimar and Nazi Germany, for example Adolf Hitler, Gustav Stresemann, Paul von Hindenburg, Leni Riefenstahl, Alfred Krupp, Joseph Goebbels, Hermann Göring, Heinrich Himmler, Reinhard Heydrich, Albert Speer.

Unit 2 – Elective 6: Nazism in Germany

- The economic, political, and military circumstances in Germany at the end of WWI and how those circumstances contributed to the rise of Nazism.
- The democratic changes under the Weimar Government and reasons for its failure to deal with social, political, and economic problems.
- The reasons for the Nazi Party's rise to power, including the Treaty of Versailles, the impact of the Great Depression, the nature of Nazi ideology and hostility to communism, the ability of Hitler and the Nazi Party to utilize popular fears, and the Party's organisational and tactical skills.
- The nature and effects of key aspects of the Nazi state, including military mobilization, Lebensraum (living space), propaganda, terror, and repression (SA and SS), the Hitler Youth, social policies on religion, women, education, trade unions, and the nature of oppositions to the Nazis.
- Nazi policies of anti-Semitism and the promotion of the Aryan race, resulting in efforts to exterminate minorities in German-controlled lands and the Holocaust.
- The role and impact of significant individuals in Weimar and Nazi Germany, for example, Adolf Hitler, Gustav Stresemann, President von Hindenburg, Leni Riefenstahl, Alfred Krupp, Joseph Goebbels, Herman Goering and Albert Speer.
- The legacy of Nazism after WWII.

Physics (A1/A2PHY)

COST: \$80

This course leads to Physics (ATPHY) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A GRADE IN YEAR 10 SCIENCE AND MUST BE ENROLLED IN YEAR 11 MATHEMATICS METHODS.

Unit 1 – Thermal, nuclear and electrical physics

An understanding of heating processes, nuclear reactions and electricity is essential to appreciate how global energy needs are met. In this unit, students explore the ways physics is used to describe, explain and predict the energy transfers and transformations that are pivotal to modern industrial societies. Students investigate heating processes, apply the nuclear model of the atom to investigate radioactivity, and learn how nuclear reactions convert mass into energy. They examine the movement of electrical charge in circuits and use this to analyse, explain and predict electrical phenomena.

Contexts that can be investigated in this unit include technologies related to nuclear, thermal, or geothermal energy, the greenhouse effect, electrical energy production, large-scale power systems, radiopharmaceuticals, and electricity in the home; and related areas of science, such as nuclear fusion in stars and the Big Bang theory.

Through the investigation of appropriate contexts, students understand how applying scientific knowledge to the challenge of meeting world energy needs requires the international cooperation of multidisciplinary teams and relies on advances in ICT and other technologies. They explore how science knowledge is used to offer valid explanations and reliable predictions, and the ways in which it interacts with social, economic, cultural and ethical factors.

Students develop skills in interpreting, constructing and using a range of mathematical and symbolic representations to describe, explain and predict energy transfers and transformations in heating processes, nuclear reactions and electrical circuits. They develop their inquiry skills through primary and secondary investigations, including analysing heat transfer, heat capacity, radioactive decay and a range of simple electrical circuits.

Unit 2 – Linear motion and waves

Students develop an understanding of motion and waves which can be used to describe, explain and predict a wide range of phenomena. Students describe linear motion in terms of position and time data, and examine the relationships between force, momentum, and energy for interactions in one dimension.

Students investigate common wave phenomena, including waves on springs, and water, sound and earthquake waves.

Contexts that can be investigated in this unit include technologies such as accelerometers, motion detectors, global positioning systems (GPS), energy conversion buoys, music, hearing aids, echo locators, and related areas of science and engineering, such as sports science, car and road safety, acoustic design, noise pollution, seismology, bridge and building design.

Through the investigation of appropriate contexts, students explore how international collaboration, evidence from a range of disciplines and many individuals, and the development of ICT and other technologies have contributed to developing understanding of motion and waves and associated technologies. They investigate how scientific knowledge is used to offer valid explanations and reliable predictions, and the ways in which it interacts with social, economic, cultural, and ethical factors.

Students develop their understanding of motion and wave phenomena through laboratory investigations. They develop skills in relating graphical representations of data to quantitative relationships between variables, and they continue to develop skills in planning, conducting, and interpreting the results of primary and secondary investigations.

Psychology (A1/A2PSY)

COST: \$80

This course leads to Psychology (ATPSY) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 HUMANITIES & SOCIAL SCIENCES.

Unit 1

This unit introduces psychology as an inquiry-based discipline. Students begin to learn concepts associated with psychological theories, studies, and models, which develop and change over time, to explain human emotion, cognition, and behaviour. Students learn the basic structure of the central nervous system and some effects of this structure on the way humans think, feel, and behave. They are introduced to several methods used to study the brain. The unit introduces lifespan psychology with a key focus on adolescent development. Students can understand the impact of developmental change on human thoughts, feelings, and behaviours. They extend their understanding of developmental processes through learning the role of attachment and identifying stages of development according to specified theorists. Science inquiry skills developed during Year 7–10 Science are further developed in this unit as students apply these skills to understanding and analysing psychological studies.

Unit 2

This unit focuses on the influence of others on human behaviour, cognition, and emotion. Students explore the function and effect of attitudes and apply the tripartite model of attitude structure to develop a more complex understanding. Students explore theories of cognitive dissonance, social identity, and attribution with reference to relevant psychological studies and apply these theories to real-world experiences. The unit introduces social influences. Students learn the role of stereotypes and the relationship between attitudes, prejudice, and discrimination in a range of areas. They learn about the relationship between social influence and the development of prosocial and antisocial behaviours. Students extend their understanding of science inquiry, and the way psychological knowledge develops over time and in response to ongoing research.

Visual Art (A1/A2VAR)

COST: \$150

This course leads to Visual Art (ATVAR) in Year 12.

TO SELECT THIS COURSE, STUDENTS MUST ACHIEVE AN A OR B GRADE IN YEAR 10 VISUAL ARTS OR VISUAL ARTS EXTENSION.

This course prepares students for Year 12 Visual Arts ATAR. It is also a great compliment to other humanities subjects such as English, Literature and History, as well as design subjects such as Photography. Visual Arts ATAR allows for much more creative freedom than the lower school Visual Arts subjects and includes more in-depth visual analysis and historical study.

Unit 1 – Differences

Students consider differences arising from cultural diversity, place, gender, class, and historical period in their art making and interpretation.

Unit 2 – Identities

Students explore concepts or issues related to personal, social, cultural or gender identity in their art making and interpretation.

This course allows students to study a creative subject, with many opportunities for personal expression. Many students find the Visual Art course adds variety to their timetable in Year 11 and 12. As well as studying Visual Arts for enjoyment, many students go on to further study and employment in Visual Arts and Design related careers. The course also allows students many opportunities to enter their production work into public exhibitions and allows students to begin building a portfolio of work that could be issued for entry into tertiary visual art and design courses.

Pathway Two – General Pathway

Individual Course Descriptions

Ancient History (G1/G2HIA)

COST: \$80

This course leads to Ancient History (GTHIA) in Year 12 (not offered in 2024).

Prerequisites:



None.

Unit 1 – Ancient civilisations and cultures

In this unit, students investigate life in early Greek civilisations by studying Minoan and Mycenaean cultures and the Trojan War (1500–1050 BC). The course will include content on the social, cultural, political, economic, religious, and military structures of each focus area. Significant values, beliefs, and traditions that existed at the time will be investigated in depth and students will discover how the world and its people have changed, as well as the significant legacies and fallacies that exist/persist into the present. The historical accounts and the misrepresentation of events generated by modern society give rise to the myths and legends associated with this civilisation, forcing the students to critically analyse the accuracy of the information and construct their own theories. Students will study the social, political, and military involvement of the Minoans in creating a stable trading society capable of withstanding foreign interference. Students will also investigate how aspects of Minoan, Mycenaean and Trojan culture have been inherited by modern societies and how our perceptions of these peoples have been modified by historians and the modern media. They will be able to trace the development of some of the distinctive features of contemporary societies, for example, social organisation, systems of law, governance, and religion, through an examination of ancient Greece.

Unit 2 – Power in the ancient world

Students study Alexander the Great, Macedonia 356–323 BC, examining how the selected individuals used their power to shape their society, and the way they are viewed by history. In this unit, students learn that, in ancient societies, key individuals have acted as agents of change, interacting with groups and institutions, and using their power to shape their society. They investigate key individuals' motives, the methods they used to achieve power, the ways they used their power, the responses of others to their use of power, and their impact and influence on society. Students also learn that individuals, groups, and institutions have a variety of types of power, and that power is not distributed evenly throughout the society. Students will learn that societies consist of individuals and institutions that have various types of power and authority and that these interact with each other. Power and authority is distributed throughout a group or society, individuals and groups seek to influence the structures of power and authority and the difficulties of using these structures in a just or equitable manner. In learning about the structures and institutions of societies, they make comparisons and judgments about other societies and their own society, developing critical thinking skills related to comparing and contrasting information, distinguishing between the usefulness of sources and understanding that there are different points of view and alternative accounts of history. The electives are taught with the requisite historical skills described as part of this unit.

Career and Enterprise (G1/G2CAE)**COST: \$90****This course leads to Career and Enterprise (GTCAE) in Year 12.****Prerequisites:**☒ **None.**

This course engages students in learning about developing their career in a constantly changing digital and globalised world.

The focus of this course involves learning to manage and take responsibility for personal career development. The Career and Enterprise course involves students recognising their individual skills and talents and using this understanding to assist in gaining and keeping work. The course develops a range of work skills and an understanding of the nature of work. Key elements of the course include: the development of an understanding of different personality types and their link to career choices; entrepreneurial behaviours; learning to learn; the exploration of social, cultural, and environmental issues that affect work; workplace and careers; and the rights and responsibilities of employers and employees.

Children, Family and the Community (G1/G2CFC)**COST: \$150****This course leads to Children, Family and the Community (GTCFC) in Year 12.****Prerequisites:**☒ **None.**

This course focuses on factors that influence human development and the wellbeing of individuals, families and communities. Students explore the health of individuals and communities and the protective and preventative strategies that impact on growth and development. They engage in shared research, examine goal setting, self-management, decision making, communication and cooperation skills when creating products, services or systems that will assist individuals, families and communities to achieve their needs and wants. Australian health issues are also examined, researched and discussed.

Computer Science (G1/G2CSC)**COST: \$20****This course leads to Computer Science (GTCSC) in Year 12 (not offered in 2024).****Prerequisites:**☒ **None.**

In the Computer Science General Course students are introduced to the fundamental principles, concepts and skills within the field of computing. They learn how to diagnose and solve problems while exploring the building blocks of computing. Students explore the principles related to the creation of computer and information systems; software development; the connectivity between computers; the management of data; the development of database systems; and the moral and ethical considerations for the use of computer systems. This course provides students with the practical and technical skills that equip them to function effectively in a world where these attributes are vital for employability and daily life in a technological society.

Design Graphics (G1/G2DESG)**COST: \$100****This course leads to Design Graphics (GTDESG) in Year 12.****Prerequisites:**

- ☒ **None, though some exposure to Digital Design and the use of application like: Illustrator, Photoshop, and InDesign in lower school is preferred.**

The goals of Design and Graphics are to facilitate a deeper understanding of how design works; and how ideas, beliefs, values, attitudes, messages and information are effectively communicated to specific audiences with specific intentions or purposes via visual media forms. To reach these goals students will engage in Design projects to demonstrate their skills, techniques and application of design principles and processes; to analyse problems and possibilities; and to devise innovative strategies.

Design Photography (G1/G2DESP)**COST: \$100****This course leads to Design Photography (GTDESP) in Year 12.****Prerequisites:**

- ☒ **None, though some exposure to Digital Design in lower school is preferred.**

The goals of Design Photography are to facilitate a deeper understanding of how design works; and how ideas, beliefs, values, attitudes, messages and information are effectively communicated to specific audiences with specific intentions or purposes via visual media forms. To reach these goals students will engage in Design projects to demonstrate their skills, techniques and application of design principles and processes; to analyse problems and possibilities; and to devise innovative strategies.

As part of the implementation of STEM – 2024 there is the possibility students will engage using the drone as a platform to design photographs in the following context: Arial Photography, Arial Mapping, High camera angle imaging, 3D form photography, HDR (High dynamic range) photography, Time laps photograph and panoramic (wide angle view) photography.

Dimensional Design – CAD/CAM (G1/G2DESD)**COST: \$280****This course leads to Dimensional Design– CAD/CAM (GTDESD) in Year 12.****Prerequisites:**

- ☒ **None.**

Dimensional Design 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.

The design projects allow students to demonstrate their skills and understandings of design principles and processes; to analyse problems and possibilities; and to devise innovative strategies within design contexts. There is potential for students to develop transferable skills and vocational competencies while devising innovative designs.

In this course, students develop a competitive edge for current and future industry and employment markets. This course also emphasises the scope of design in professional and trade-based industries allowing students to maximise vocational and/or university pathways.

Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) allow students to take an idea and turn it into reality faster than using manual production techniques and to a much higher standard. During CAD/CAM course 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 create 3D

drawings and produce them. 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.

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.

This course leads to a Certificate 3 in Engineering Technical CAD or related industry career pathway in design, drafting or machining. Students will be exposed to current manufacturing techniques including CNC machining, CNC laser and plasma cutting and 3D printing. The ability to use CAD/CAM will benefit students studying Engineering, Metal and Wood in Senior School.

Drama (G1/G2DRA)

COST: \$60

This course leads to Drama (GTDRA) in Year 12.

Prerequisites:

☒ **None.**

This course focuses on drama in practice. Students engage in drama processes such as improvisation, play building, text interpretation, playwriting and dramaturgy. This allows them to create original drama and interpret a range of texts written or devised by others by adapting the theoretical approaches of drama practitioners like Stanislavski and Brecht. Students' work in this course includes production and design aspects involving directing, scenography, costumes, props, promotional materials, and sound and lighting. Increasingly, students use new technologies, such as digital sound and multimedia. They present drama to make meaning for a range of audiences and adapt their drama to suit different performance settings. The focus in this course is primarily on ensemble performance and teamwork.

Drones Endorsed Program (ADRPDRO)

COST: \$850

Prerequisites:

☒ **None.**

Returning for 2024, this program invites students wishing to gain their commercial drone licence, the Remote Pilots Licence (RePL), to enrol in this 1-year course. Students will complete the theoretical and practical learning required to gain their RePL, allowing them to work commercially in the rapidly growing drone industry.

Working with leading drone training organisation Global Drone Solutions, students will use a mixture of online learning modules, classroom sessions and practical flying lessons to develop their knowledge and skills of operating commercial-spec drones.

The high course cost of this program includes all costs associated with gaining the RePL, which would normally cost between \$3000-\$4000 if done outside of school. An added bonus is that for those students who complete this program, Global Drone Solutions offer a Certificate III in Aviation 'add-on' program at a reduced rate, with the RePL providing a significant amount of RPL credit towards this qualification. So if drone flying as a career sounds good to you, this is the program for you!

Engineering – Mechanical (G1/G2EST)

COST: \$280

This course leads to Engineering – Mechanical (GTEST) in Year 12.

Prerequisites:

☒ **None.**

This course is specifically designed around the eV Challenge (www.facebook.com/evchallengewa and <https://youtu.be/AcCvvpDh94s>), a STEM competition Comet Bay College has been involved with since 2016.

This exciting STEM course focuses on solving problems and overcoming challenges using technology focused solutions. This course will foster student's creativity, practical and problem-solving skills and turn ideas into reality by applying lateral thinking and mathematical and scientific principles to develop solutions to problems, needs and opportunities. Being based around the eV Challenge competition, students also have the opportunity to test their solutions against those students from other schools who have been working to the same design brief.

Students will develop skills and knowledge in mechanical engineering, mechanical systems, aerodynamics, material selection, the design process and computer aided drawing. They will have the opportunity to develop solutions using innovative computer aided manufacturing (CAM) technologies such as 3D printers, laser cutters and CNC mill to help them produce solutions. Students will also have the opportunity to use hand tools, power tools and traditional machines to also produce solutions to design problems.

The students will investigate, research and present information, design and make prototype models and undertake production and development of a full-scale eV Challenge vehicle. They will apply engineering processes, understand underpinning scientific and mathematical principles, develop engineering technology skills and explore the interrelationships between engineering and society. The eV Challenge competition is held twice a year – once in April/May and the main event being in early November. There is an expectation, students will be involved with these two racing events, which are both held on a Saturday.

This course is essentially a practical course focusing on the real-life eV Challenge competition. It aims to prepare students for a future in an increasingly technological world by providing the foundation for life-long learning about engineering. It is particularly suited to those students who are interested in engineering and technical industries as future careers.

English (G1/G2ENG)

COST: \$40

This course leads to English (GTENG) in Year 12.

Prerequisites:

☒ **None.**

This course focuses on students comprehending and responding to the ideas and information presented in texts. Students

- employ a variety of strategies to assist comprehension*
- read, view and listen to texts to connect, interpret and visualise ideas*
- learn how to respond personally and logically to texts by questioning, using inferential reasoning and determining the importance of content and structure*
- consider how organisational features of texts help the audience to understand the text*
- learn to interact with others in a range of contexts, including every day, community, social, further education, training and workplace contexts*
- communicate ideas and information clearly and correctly in a range of contexts*
- apply their understanding of language through the creation of texts for different purposes.*

eSports Endorsed Program (ADRPSP)

COST: \$50

Prerequisites:

☒ **None.**

New for 2024, the eSports Endorsed program is a course designed for students who are keen gamers. With a number of online and in-person interschool gaming competitions already in place students will have the opportunity to refine their skills in a number of electronic games, with the potential of representing Comet Bay College in eSports competition. Games that are used in interschool events include Rocket League, F1 22, Valorant and Overwatch - with the potential for other games to be included in our program.

Gaming can assist students develop key STEM skills identified by the Education Department as being critical skills for 21st century workers - including problem solving, creativity, teamwork, and communication amongst others. This course would be ideal for students looking at developing these skills in a safe and controlled environment.

Food Science and Technology (G1/G2FST)

COST: \$270

This course leads Food Science and Technology (GTFST) in Year 12.

Prerequisites:

☒ **None.**

Food impacts on every aspect of daily life and is essential for maintaining overall health and wellbeing. The Food Science and Technology General course provides opportunities for students to explore and develop food-related interests and skills. Students organise, implement and manage production processes in a commercial kitchen and understand systems that regulate food availability, safety and quality. Occupational safety and health requirements, safe food handling practices, and a variety of processing techniques, are implemented to produce safe, quality food products. This course will provide experience and enhance employability and career opportunities in areas that include nutrition, health, food and beverage manufacturing, food processing, community services, hospitality and retail.

Unit 1 – Food choices and health

Students investigate balanced diets, the function of nutrients in the body and apply nutrition concepts that promote healthy eating. They study health and environmental issues that arise from lifestyle choices and investigate factors which influence the purchase of locally produced commodities. They demonstrate a variety of mise-en-place and precision cutting skills, and processing techniques to ensure that safe food handling practices prevent food contamination.

Unit 2 – Food for communities

This unit focuses on the supply of staple foods and the factors that influence adolescent food choices and ethical considerations. They explore food sources and the role of macronutrients and water for health, and nutrition-related health conditions, such as coeliac and lactose intolerance, which often require specialised diets. Students work with a range of staple foods, adapt basic recipes and apply the technology process to investigate, devise, and produce food products to achieve specific dietary requirements.

Geography (G1/G2GEO) (Tourism focus)**COST: \$90****This course leads to Geography (GTGEO) in Year 12 (not offered in 2024).****Prerequisites:**☒ **None.****What is geography?**

Geography is the study of the world we live in, its environments, landscapes and natural disasters, and the relationship between people and environments. One of the most wide-ranging subjects, Geography combines study of the planet's physical properties with a focus on societies and how they interact.

Physical Geography covers the Earth's climate atmosphere, landscapes and natural processes including tectonic plates, while human Geography covers population growth, globalisation, urbanisation and tourism.

What do you learn?

Modules include topics on climate change, natural hazards, tourism and the making of the modern city. Geography includes field trips to immerse students in local environments so they can apply knowledge learned in class.

The study of Geography hones observational and analytical skills, the ability to take in vast quantities of information and also think critically, and the capacity to understand continuity and change in a range of contexts based on a broad knowledge base.

What subjects complement geography?

All students should have a healthy interest in the environment, the outdoors, politics and the world around them. Physical geography benefits from Maths and Biology, while human Geography is complimented by English, Economics and History.

What do careers are available?

Geographers are seen as employable due to their combination of transferrable skills including problem solving and critical thinking. They will often work in the field of social research, business, finance and human resources, with more than 10% of Geographers go into marketing, public relations and sales.

Some Geographers work as town planners, cartographers, surveyors, environmental consultants, travel agents, emergency planners, landscape architects and meteorologists. Whilst others specialise in development, poverty and climate change, journalism, local government and utility companies.

Health Studies (G1/G2HEA)**COST: \$90****This course leads to Health Studies (GTHEA) in Year 12 (not offered in 2024).****Prerequisites:**☒ **None.**

This unit provides a general introduction to personal health and wellbeing and what it means to be healthy. Students explore factors which influence their health in positive and negative ways, and devise action plans which focus on achieving identified goals designed to improve health. Key consumer health skills and concepts are introduced, including the role and features of components of the Australian healthcare system. The relationship between beliefs, attitudes, values and health behaviour, and the impact of social and cultural norms is examined. Key self-management and interpersonal skills required to positively influence health and build effective relationships are explored. Health inquiry skills are developed and applied to investigate and report on health issues.

Human Biology (G1/G2HBY)

COST: \$80

This course leads to Human Biology (GTHBY) in Year 12.

Prerequisites:

☒ **None.**

Unit 1 – Healthy body

This unit explores how the systems of the human body are interrelated to help sustain functioning to maintain a healthy body.

Cells are the basic structural and functional units of the human body. Materials are exchanged in a variety of ways within and between the internal and external environment to supply inputs and remove outputs for life processes. The respiratory, circulatory, digestive and urinary systems control the exchange and transport around the body of materials required for efficient functioning.

Unit 2 – Reproduction

This unit explores the role that males and females have in reproduction, including contraception, and the issues of sexually transmitted infections. Students learn about the reproductive system of males and females and how they are specialised in many different ways to produce differentiated gametes (eggs and sperm) and ensure the chances of fertilisation and implantation are more likely.

Integrated Science (G1/G2ISC)

COST: \$85

This course leads to Integrated Science (GTISC) in year 12.

Prerequisites:

☒ **None.**

In this unit, students develop an understanding of the processes involved in the functioning of systems from the macro level (cycles in nature and Earth systems) to systems at the organism, cellular and molecular level. They investigate and describe the effect of human activity on the functioning of cycles in nature. By integrating their understanding of Earth and biological systems, students come to recognise the interdependence of these systems.

Students investigate structure and function of cells, organs and organisms, and the interrelationship between the biological community and the physical environment. They use a variety of practical activities to investigate patterns in relationships between organisms.

Practical experiences form an important part of this course. They provide valuable opportunities for students to work together to collect and interpret first-hand data in the field or the laboratory. In order to understand the interconnectedness of organisms to their physical environment, and the impact of human activity, students analyse and interpret data collected through investigations in the context studied. They will also use sources relating to other Australian, regional and global environments.

Literature (G1/G2LIT)

COST: \$40

This course leads to English (GTLIT) in year 12 (not offered in 2024).

Prerequisites:

☒ **None.**

Students learn to read, enjoy and respond to literary texts. The course is designed to encourage students to be curious, to develop creative, logical and analytical thinking, and to be competent in expressing ideas and feelings. They will create readings of literary texts and to create a variety of their own texts, including essays, poems, short stories, plays and multimodal texts. Students will understand that their cultural, social and historical contexts; their values and attitudes; and their generic conventions and literary techniques all influence how a text is understood by a reader. They learn to apply these understandings to the texts they create. Students learn how literary language, story, images, and representations allow them to see there is a variety of ways of thinking about the world.

Materials Design and Technology – Metals (G1/G2MDTM)

COST: \$280

This course leads to Material Design and Technology – Metal (GTMDTM) in Year 12.

Prerequisites:

☒ **None.**

The focus for this course for both semesters is design and production fundamentals. This course is for those students who have an interest in engineering and manufacturing of metal products. Students are introduced to principles and practices of design, fundamentals of design and to manufacture metal products for themselves. They learn to communicate various aspects of the design process within the structure of making their product. Throughout the process, students learn about materials, including their origins, classifications, properties and suitability for purpose. Students are introduced to relevant technology processes, machine and hand tools skills including computer aided drawing (CAD) and computer aided manufacturing (CAM).

Students work in a defined environment and learn to use a variety of relevant technologies safely and effectively. In addition to this the course also will contribute valuable skills and experience to further education and employment in related fields.

Materials Design and Technology – Textiles (G1/G2MDTT)

COST: \$280

This course leads to Material Design and Technology – Textiles (GTMDTT) in Year 12 (not offered in 2024).

Prerequisites:

☒ **None.**

Students who love fashion and the idea of creating their own look are invited to select this course. The design and manufacture of fashion products is the major focus of this course, which gives students the opportunity to develop skills which contribute to creating their own fashion items. Students will also develop design skills for textiles products from initial concept through to the finished product. Students will also consider designing and producing items for consumers, providing a real-world application for their learned skillset.

Materials Design and Technology – Wood (G1/G2MDTW)

COST: \$280

This course leads to Material Design and Technology – Wood (GTMDTW) in Year 12.

Prerequisites:

☒ **None.**

The focus for this unit is design and production fundamentals. It is a course for those students who have an interest in design and manufacturing of wood products. Students are introduced to principles and practices of design, fundamentals of design to manufacture wood products for themselves. They learn to communicate various aspects of the design process within the structure of making their product.

Throughout the process, students learn about materials, including their origins, classifications, properties and suitability for purpose. Students are introduced to relevant technology process skills including computer aided drawing (CAD) and computer aided manufacturing (CAM). Students work in a defined environment and learn to use a variety of relevant technologies safely and effectively. In addition to this the course also will contribute valuable skills and experience to further education and employment in related fields.

Mathematics Essentials (G1/G2MAE)

COST: \$70

This course leads to Mathematics Essential (GTMAE) in Year 12.

Prerequisites:

☒ **None.**

Unit 1

This unit provides students with the mathematical skills and understanding to solve problems relating to calculations, applications of measurement, and the use of formulas to find an unknown quantity and the interpretation of graphs. Throughout this unit, students use the mathematical thinking process. Students learn to apply the content of the four topics in this unit: Basic calculations, percentages and rates; Algebra; Measurement; and Graphs. Possible contexts for this unit are earning and managing money and Nutrition and health.

The number formats for the unit are whole numbers, decimals, common fractions, common percentages, square and cubic numbers written with powers.

Unit 2

This unit provides students with the mathematical skills and understanding to solve problems related to representing and comparing data, percentages, rates and ratios and time and motion. Students further develop the use of the mathematical thinking process and apply the statistical investigation process. Students learn to apply the content of the four topics in this unit: Representing and comparing data; Percentages; Rates and ratios; and Time and motion, in a context which is meaningful and of interest to them. Possible contexts for this unit are Transport and Independent living. The number formats for the unit are whole numbers, decimals, fractions and percentages, rates and ratios.

Media Production and Analysis (G1/G2MPA)

COST: \$100

This course leads to Media Production and Analysis (GTMPA) in Year 12.

Prerequisites:

☒ **Completion of Media in Year 10 is preferred, but not essential.**

In this course, students are encouraged to explore, experiment and interpret their world through the study and creation of media products. This course focuses on the development of technical skills in the practical process. Similarly to ATAR, students will produce their own work and also respond to the work of others.

Unit 1 – Mass Media

Within this broad focus, students reflect on their own use of the media, common representations, including the examination of characters, stars and stereotypes and the way media is constructed and produced.

Unit 2 – Point of View

The focus for this unit is on point of view, a concept that underpins the construction of all media work. Students will be introduced to the concept and learn how a point of view can be constructed. They will analyse media work and construct a point of view in their own productions.

Modern History (G1/G2HIM)

COST: \$80

This course leads to Modern History (GTHIM) in Year 12.

Prerequisites:

☒ **None.**

This course provides students with an understanding of the driving forces behind present local and global issues. Investigating the past helps students to understand why and how groups and/or societies changed or resisted change.

The Modern History General course promotes skills of research, hypothesis testing and analysis of information as students engage with investigations. Through inquiries, they learn that historical judgements are provisional and tentative in nature. They are encouraged to question and evaluate historical sources; to identify the various representations and versions of history. The study of history assists students in the development of critical thinking skills as it encourages them to compare and contrast information, detect inconsistencies in details, recognise the manipulation of evidence, identify perspective in the presentation of graphic and textual material, and evaluate the accuracy and reliability of sources. History provides insights into the present and gives students opportunities to reflect on the significance of past events, people, beliefs and ideas. They are encouraged to use the evidence from sources to formulate and support their own interpretations and to communicate their findings in a variety of ways.

This course allows students to gain insights into their own society and its values. It helps them to understand why nations and people hold certain values, and why values and belief systems vary from one group to another. This knowledge is crucial to the development of active and informed citizens in any society. The study of history ensures that they gain essential knowledge of the past – its legacy and heritage.

Studying the Modern History General course exposes students to a variety of historical sources, including government papers, extracts from newspapers, letters, diaries, photographs, cartoons, paintings, graphs and secondary sources, in order to understand the historical narrative including cause and effect, and the forces influencing people and events. Through the process of historical inquiry, students are encouraged to question historical sources; identify various representations and versions of history; use evidence to formulate and support their own interpretations; and communicate their findings in a variety of ways.

Unit 1 – People, place and time

This unit allows students to become aware of the broad sweep of history and our place within the historical narrative. Students become aware of the values, beliefs and traditions within a society, the continuity between different societies and different time periods, and the importance of individuals within a time period. Amongst the potential topics of study are: Charles Perkins, Eddie Mabo, Faith Bandler (Aboriginal advancement since the 1950s to the Apology), Nelson Mandela and the fight to end apartheid in South Africa, Napoleon Bonaparte – the French revolution to Empire and George Washington and the American Revolution.

Unit 2 – Power and authority

Students learn that societies consist of individuals and institutions that have various types of power and authority and that these interact with each other. Students learn how power and authority is distributed throughout a group or society, that individuals and groups seek to influence the structures of power and authority and the difficulties of using these structures in a just or equitable manner. In learning about the structures and institutions of societies, they make comparisons and judgements about other societies and their own society. Amongst the potential topics of study are: British imperial power and authority, the League of Nations and the United Nations and Japan (Samurai to Super-power).

Outdoor Education Studies (G1/G2OES)

COST: \$250

This course leads to Outdoor Education Studies (GTOES) in Year 12 (not offered in 2024).

Prerequisites:

☒ **None.**

Through interaction with the natural world, Outdoor Education aims to develop an understanding of our relationships with the environment, others and ourselves. The Outdoor Education General course focuses on outdoor activities in a range of environments, including orienteering, surfing, fishing, snorkelling and canoeing. It provides students with an opportunity to develop essential life skills and physical activity skills, and an opportunity to develop a comprehensive understanding of the environment and develop a positive relationship with nature. The course also provides students with opportunities to develop skills that will enable them to pursue personal interests and careers in outdoor pursuits, environmental management, or eco-tourism.

Physical Education Studies (G1/G2PES)

COST: \$120

This course leads to Physical Education Studies (GTPES) in Year 12.

Prerequisites:

☒ **None.**

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

Politics and Law (G1/G2PAL)

COST: \$80

This course leads to Politics and Law (GTPAL) in Year 12 (not offered in 2024).

Prerequisites:

☒ **None.**

Unit 1 – Political and Legal Decision making

This unit provides an introduction to different systems of government and how laws are created and enforced under these systems, seeking to explain how individuals can both influence and are impacted by laws. Students explore the functions of law and how it can be used effectively in a society. This is framed under the context of the different ways in which democratic (Australia, USA, Britain, Canada) and non-democratic (China, Russia, Belarus, Saudi Arabia, Iran) systems of government enforce laws and criminalise individual and group activity. A range of case studies are investigated and reviewed that examine how governments use law to control and exert influence over society and the impact that this has on individual and group behaviour. Within Australia, students look at how laws are influenced by individuals, pressure groups and political parties and how the court system is used to enforce laws and make legal decisions. Students are introduced to key concepts that underly political and legal systems such as rule of law, democracy, authoritarianism, social cohesion and citizenship. Students will also develop skills in research, including analysing the operation and effectiveness of political and legal systems, predicting consequences of government and individual actions and forming and justifying conclusions through reasoned arguments.

Unit 2 – Civil and Political Rights

This unit introduces students to the court system and how it is used to determine criminal sanctions and resolve civil disputes. This is framed within a context of civil and political rights of individuals within the legal system and how the Western Australian court system is designed to support and protect the rights of individuals, but access can also be limited and restricted for marginalised and minority groups. Alternatives to our current adversarial system are reviewed. Students explore the development of legal rights in the world and compare and contrast countries and the treatment of criminals and criminal activity. Students have the opportunity to learn through case studies (BLM, March for Change, LGBTQI in Russia, age of criminal liability, asylum seekers and refugees) to examine and learn about the impact on, and response of individuals when legal rights are abused, access to the courts is restricted and treatment by authorities is negative. Students are introduced to key concepts that underly legal systems such as justice, human rights, civil rights, due process, adversarial system, criminal and civil law. Students will continue to develop skills in research, including analysing the operation and effectiveness of political and legal systems, predicting consequences of government and individual actions and forming and justifying conclusions through reasoned arguments.

Psychology (G1/G2PSY)

COST: \$80

This course leads to Psychology (GTPSY) in Year 12.

Prerequisites:

☒ **None.**

Unit 1

This unit provides a general introduction to personality and intelligence and seeks to explain how individuals are influenced by their surroundings. Students explore a number of influential theories used to describe and/or explain personality such as Freud's psychodynamic approach and Eysenck's trait theory. A range of intelligence theories are reviewed and cultural influences with respect to intelligence testing and child-rearing are examined. Beyond the individual, the impact of others on behaviour is a key focus. Students examine different agents of socialisation, focusing on the impact of parenting style on behaviour. Types of communication and the role of verbal and non-verbal communication in initiating, maintaining and regulating relationships are studied. Students are introduced to qualitative and quantitative methods of data collection and explore fundamental ethical considerations in research including informed consent and voluntary participation.

Unit 2

This unit introduces students to the human brain, focusing on the major parts. Students explore the impact of factors influencing behaviour, emotion and thought, including heredity, hormones, physical activity and psychoactive drugs. The scientific study of development is an important component of psychology. Students review physical, cognitive, social and emotional development and the role of nature and nurture. Erikson's stages of psychosocial development are examined as students learn about the impact of external factors on personality development. Students examine the impact of group size on behaviour and look at the influence of culture in shaping attitudes towards issues such as mental illness and disability. Students interpret descriptive data such as mean and range. They use this data to create tables, graphs and diagrams and draw conclusions using patterns observed in the data.

Visual Art (G1/G2VAR)

COST: \$130

This course leads to Visual Art (GTVAR) in Year 12.

Prerequisites:



None.

The focus for this unit is experiences. Students develop artworks based on their lives and personal experiences, observations of the immediate environment, events and/or special occasions. They participate in selected art experiences aimed at developing a sense of observation.

Students discover ways to compile and record their experiences through a range of art activities and projects that promote a fundamental understanding of visual language. They use experiences to develop appreciation of the visual arts in their everyday lives.

Students acquire various skills using processes of experimentation and discovery. Imaginative picture making is primarily concerned with experiences of the self and of the immediate environment, including aspects of family life, social activities, communal occasions and other shared activities. Ample scope for free, imaginative interpretation and experimentation with materials is provided.

Pathway Two – Foundation Pathway

Individual Course Descriptions

English Foundation (F1/F2ENG)

COST: \$40

English Foundation (FTENG) in Year 12.

Students with OLNA Level 1 in Literacy MUST attempt this course.

Students with OLNA Level 2 or 3 in both aspects of Literacy MAY NOT attempt this course.

Unit 1

This unit is comprised of two core modules, which are compulsory, and three elective modules.

Learning outcomes

The learning outcomes reflect the intent of the rationale and the aims and are, in turn, reflected in the content and the assessment types. This repetition is deliberate, to keep the focus on these aims/outcomes/skills and the need to immerse students in the learning experiences that will develop these skills. The intention is that students will become increasingly autonomous in acquiring the skills that ensure that the learning outcomes are met.

By the end of this unit, students will:

- *develop skills in functional literacy, including appropriate spelling, punctuation and grammar.*
- *develop skills in reading (understanding, comprehending, interpreting, analysing) texts for work, learning, community and/or everyday personal contexts*
- *develop skills in producing (constructing, creating, writing) texts for work, learning, community and/or everyday personal contexts*
- *develop skills in speaking and listening for work, learning, community and everyday personal contexts*

Mathematics Foundation (F1/F2MAT)

COST: \$70

Mathematics Foundation (FMAT) in Year 12.

Students with OLNA Level 1 in Numeracy MUST attempt this course.

Students with OLNA 2 or 3 in Numeracy MAY NOT attempt this course.

Unit 1

This unit provides students with the mathematical knowledge, understanding and skills to solve problems relating to addition and subtraction, length, mass, capacity and time, and involving the extraction of information from, and the interpretation of, various simple forms of data representation used in everyday contexts. Teachers are encouraged to apply the content of this unit in contexts which are meaningful and of interest to their students. The number formats for the unit are whole numbers and money.

This unit includes five content areas.

- 1.1 Whole numbers and money*
- 1.2 Addition and subtraction with whole numbers and money*
- 1.3 Length, mass and capacity*
- 1.4 Time*
- 1.5 Data, graphs and tables*

Unit 2

This unit provides students with the mathematical knowledge, understanding and skills relating to fractions and decimals, solving problems relating to multiplication and division, perimeter, area and volume and qualitative probability from everyday contexts. Teachers are encouraged to apply the content of this unit in contexts which are meaningful and of interest to their students. The number formats for this unit are whole numbers, money, fractions and decimals.

This unit includes five content areas:

- 2.1 Understanding fractions and decimals*
- 2.2 Multiplication and division with whole numbers and money*
- 2.3 Metric relationships*
- 2.4 Perimeter, area and volume*
- 2.5 The probability of everyday events*

Pathway Two – Qualifications

Individual Course Descriptions

The following Qualifications are proposed offerings for the 2024 academic year. At the time of publication, no agreements have been entered into with a Registered Training Organisation for the delivery of these qualifications. On the basis of interest from students in these qualifications, the school will initiate a formal partnership agreement with a RTO for the delivery of the qualifications.

ICT20120 Certificate II Applied Digital Technology (CT2ADT)

COST: \$120

ONE YEAR qualification.

Prerequisites:

☒ **Year 11 and year 12 students.**

This qualification is highly centred around the development of skills and preparation for the workplace in that it covers both the 'hard skills', that is knowledge skills of the use of technology and the 'soft skills' of problem solving, communication, workplace health and safety etc. It is a practical course that provides realistic applications of technology and tasks that are found in the workplace.

The nationally recognised Certificate II in Applied Digital Technologies prepares you for entry-level roles in information technology across a range of industries and foundational computer skills that can be used in any workplace where computer skills are necessary

Delivered via Auspice partnership with Skills Strategies International Pty Ltd (RTO: 2401)

CUA20220 Certificate II Creative Industries – VR (CT2CIM)

COST: \$150

ONE YEAR qualification.

Prerequisites:

☒ **Year 11 and year 12 students.**

This qualification will allow students to explore 3D design using Virtual Reality. They will be designing 3D models using a CAD (Computer Aided Design) and learning how to 'rig' and 'skin' the characters by adding virtual bones and skin. These models will then be animated to create a short media project.

As well as 3D modelling, students will be completing units in film and sound recording in order to develop skills in motion capture. This technology allows film makers and animators to apply realistic human movements, caught on camera, to 3D models.

The qualification is designed to be completed within one year, with students completing a total of 10 units focussing on topics such as following a 3D Modelling, 3D Animation, developing industry knowledge and effective video and sound recording.

Delivered via Auspice partnership with Skills Strategies International Pty Ltd (RTO: 2401)

ONE YEAR qualification.**Prerequisites:**

☒ **Year 12 students only.**

The Certificate II in Hospitality is for students who aspire to become food and beverage attendants and want to build an exciting career in the growing hospitality industry. Students learn the practical skills to deliver great customer service in a range of hospitality settings such as restaurants and cafes, catering operations and coffee shops. This qualification provides detailed training in a range of hospitality operational skills including basic food and beverage service.

Delivered via Auspice partnership with IVET Pty Ltd (RTO: 40548)

CUA20615 Certificate II Music Industry (CT2MUS)**COST: \$90****ONE YEAR qualification.****Prerequisites:**

☒ **Year 11 and year 12 students.**

The course objective is to introduce and develop musical skills in technical production and performance. Performance components focus on general performance skills such as reading, song writing and performing within ensembles. Production components focus on using music technology in studio and live environments as well as occupational health and safety within the industry. This course is a preparatory qualification that can be used as a pathway into specialist Certificate III qualifications within the music industry. Candidates may enter the qualification with limited or no vocational experience and without a relevant lower-level qualification.

Delivered via Auspice partnership with College of Sound and Music Production (RTO: 41549)
Qualifications continued...

SIS20419 Certificate II Outdoor Recreation (CT2OR)**COST: \$250****ONE YEAR qualification.****Prerequisites:**

☒ **Year 11 and year 12 students.**

This qualification reflects the role of individuals who assist with operational logistics and the delivery of recreational activities. They work under direct supervision and with guidance from those responsible for planning, finalising and delivering activities, including program managers and leaders.

Students will learn to use a range of fundamental activity techniques during activities and can work in indoor and outdoor recreation environments, adventure learning centres or camps. The combined skills and knowledge provided by this qualification do not provide for a job outcome as a leader and further training would be required before moving into those roles.

This qualification provides a pathway to work for any type of organisation that delivers outdoor recreation activities including commercial, not-for-profit and government organisations.

Delivered via Auspice partnership with IVET Pty Ltd (RTO: 40548)

SIS20319 Certificate II Sport Coaching (CT2SC)**COST: \$90****ONE YEAR qualification.****Prerequisites:**

☒ **Year 11 and year 12 students.**

This qualification provides a pathway to work in entry-level assistant coaching roles, working or volunteering at community-based sports clubs and organisations in the Australian sport industry. The course provides a defined and fundamental range of elementary coaching skills needed to engage participants in a specific sport, under the supervision of a senior coach.

Delivered via Auspice partnership with IVET Pty Ltd (RTO: 40548)

SIS20115 Certificate II Sport and Recreation – AFL (CT2SRA)

COST: \$90

This course leads to Certificate III Sport and Recreation (CT3SRA) in year 12 (COST 2024: \$90).

NOTE: AFL Pathway

ONE YEAR qualification.

Prerequisites:

☒ **Year 11 AFSP students only.**

This qualification develops basic functional knowledge and skills for working in customer contact positions in the sport or community recreation industry. It also teaches a range of administrative activities and functions, both within a team and as an individual working under supervision.

It prepares participants for working in settings such as sport and recreation centres or facilities, and leisure and aquatic centres, assisting with the conduct of recreation activities, and basic facility maintenance and operations.

Delivered via Auspice partnership with IVET Pty Ltd (RTO: 40548)

SIS20115 Certificate II Sport and Recreation – AFL girls (CT2SRAG)

COST: \$90

This course leads to Certificate III Sport and Recreation (CT3SRAG) in year 12 (COST 2024: \$90).

NOTE: AFL Female Pathway

ONE YEAR qualification.

Prerequisites:

☒ **Year 11 AFSP female students only.**

This qualification develops basic functional knowledge and skills for working in customer contact positions in the sport or community recreation industry. It also teaches a range of administrative activities and functions, both within a team and as an individual working under supervision.

It prepares participants for working in settings such as sport and recreation centres or facilities, and leisure and aquatic centres, assisting with the conduct of recreation activities, and basic facility maintenance and operations.

Delivered via Auspice partnership with IVET Pty Ltd (RTO: 40548)

CUA31020 Certificate III Screen and Media – VR (CT3CIM)

COST: \$150

ONE YEAR qualification.

Prerequisites: Cert II Creative Industries - VR

☒ **Year 12 students.**

This qualification will allow students to continue to explore 3D design using Virtual Reality. They will be using VR CAD (Computer Aided Design) in order to develop a solution for an existing engineering problem and will apply their skills in designing futuristic modes of transportation.

Students will gain skills in critical and creative thinking and will be required to problem solve within teams.

The qualification is designed to be completed within one year and follows on directly from the Cert II in Creative Industries – VR.

Delivered via Auspice partnership with Skills Strategies International Pty Ltd (RTO: 2401)

CUA30915 Certificate III Music Industry (CT3MUS)

COST: \$90

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 12 students only.**
- ☒ **Certificate II Music Industry (CT2MUS).**

This qualification is for those students who have an interest in music and are keen to develop skills for the contemporary music industry. The Certificate III in Music Industry allows for specialisations in Performance.

Performance Specialisation

Depending on the electives chosen, Performance Specialisation students will work towards composing simple songs or musical pieces and preparing for performances, whilst developing improvisation skills, applying knowledge of genre to music making and performing music as part of a group or as a soloist.

Delivered via Auspice partnership with College of Sound and Music Production (RTO: 41549)

Pathway Two – TAFE funded Qualifications

Individual Course Descriptions (delivered on Wednesdays)

The following TAFE funded Qualifications are proposed offerings for the 2024 academic year. At the time of publication, agreements have been entered into with a Registered Training Organisation for the delivery of these qualifications. On the basis of interest from students in these qualifications, the school will initiate a formal partnership agreement with a RTO for the delivery of the qualifications.

TAFE funded Qualifications are subject to minimum number requirements. Students wishing to enrol in these qualifications will be required to demonstrate a satisfactory level of school attendance in year 10 and OLNA 2 or above in Numeracy, Reading and Writing.

AUR20716 Certificate II Automotive (CT2AUTV)

Nil charge

ONE YEAR qualification.

Prerequisites:

☒ **Year 11 and year 12 students.**

Students will cover light, heavy and electrical specifications of the automotive industry. Within the light component they will learn fundamentals of mechanical workings and servicing of passenger and light commercial vehicles. As they move to the heavy focus, students gain an understanding of large trucks and basic industrial mining equipment. Finally, the electrical component focuses on the inner wirings of automotive equipment across both heavy and light vehicles.

Delivered in partnership with South Metro TAFE (RTO: 52787)

52824WA Certificate II Building and Construction (CT2BCCA)

Nil charge

TWO YEAR qualification.

Prerequisites:

☒ **Year 11 students only.**

When students complete a Certificate II in Building and Construction, they will be what employers are looking for in an apprentice.

Many employers prefer apprenticeship applicants to have completed a pre-apprenticeship, and this course will give students the skills, knowledge and behaviours to make them more competitive when applying for these positions. Students will gain a better chance of obtaining an apprenticeship and a flying start in a trade.

There is a requirement for 220 hours of Workplace Learning hours over the 2 years of the qualification, which will be completed in exam week and school holidays.

A \$100 fee is attached for enrolment in Authority Developed Workplace Learning (ADWPL).

Delivered in partnership with South Metro TAFE (RTO: 52787)

School-Based Apprenticeship or Traineeship (Wednesdays only) (SBAT)

Nil charge

A school-based apprenticeship or traineeship is an employment-based learning pathway, which combines off the job training and on the job training that leads to a nationally recognised qualification. SBAT students can enter an employment arrangement directly with an employer, or through a group training organisation (GTO).

Prerequisites:

- ☒ **Be a full-time school student enrolled in a government or non-government school as defined in the School Education Act 1999**
- ☒ **Minimum age 15 years**

An SBAT qualification allows students to earn money while getting hands-on experience, mentoring, support and supervision from an employer and can contribute towards a student's WACE.

SBAT qualifications are mostly at Certificate II and III level and are suggested by industry as suitable for delivery to school students.

Examples of industry areas of SBAT qualifications:

- Automotive
- Building and Construction
- Business
- Civil Construction
- Community Pharmacy
- Early Childhood Education and Care
- Floristry
- Animal Studies

SBAT students are required to do at least 7.5 hours per week of work with the employer named in their training contract, or in the case of a GTO, with the host employer. The minimum hour requirements apply throughout the full term of the SBAT arrangement, including during school holiday periods.

A \$100 fee is attached for enrolment in Authority Developed Workplace Learning (ADWPL). In some circumstances, students will need to provide their own Personal Protective Equipment (PPE).

Students interested in doing School Based Apprenticeship or Training are required to arrange an interview with Jane Bryer.

For further information, please contact Ms Jane Bryer - Dean of Vocational Education, Training and Career Development: jane.bryer@education.wa.edu.au

Information regarding Fee for Service Qualifications 2024

With a view to providing a greater range of options to students, in 2018 the college introduced an opportunity for students to access the following range of 'Fee for Service' qualifications.

These qualifications are delivered and assessed by external *Registered Training Organisations (RTO's)*, who directly charge the college for the full amount of the qualification PRIOR to the student commencing.

IMPORTANT INFORMATION:

Invoicing and Payment Arrangements for 'Fee for Service' Qualifications

Comet Bay College is mindful of the financial pressures many families are currently facing, and to this end, have agreed to subsidise 50% (up to \$1200) of the full charge payable to the relevant RTO.

The charges reflected against each of the Fee for Service Qualifications to follow indicate THE REMAINING AMOUNT PAYABLE BY FAMILIES.

- Fee For Service Qualifications **MUST** be paid for by families IN FULL prior to the commencement of Term 1, 2024 to enable the student to be enrolled.
- Non-payment of the charge in full prior to **Friday 26 January 2024** will result in the student's enrolment being withdrawn.
- Payment will be requested from 1 December 2023.

IMPORTANT NOTE!

As the college is required by the RTO to pay these charges up front to confirm enrolment, where a student withdraws from a qualification after enrolment is confirmed and prior to completion, the charge is NON-REFUNDABLE.

Please consider the financial commitment that applies to these qualifications in the event you choose one of the following qualifications as part of your child's Course Selections for 2024.

NOTE:

All costs indicated against the following qualifications are payable per year (i.e., in the case of a two-year qualification, the charge indicated will be payable each year that the student is enrolled in the qualification).

Need more information?

For all enquiries regarding the Fee for Service Qualifications, please contact Ms Jane Bryer - Dean of Vocational Education, Training and Career Development: jane.bryer@education.wa.edu.au

For Billing Enquiries, please contact our **Billing Officer** on **9553 8100** or email: www.cometbay.cc@education.wa.edu.au

ACM30122 Certificate III Animal Care Services (Fee) (CT3ANS)

COST: \$1200*

* Including incursion and excursion costs.

ONE YEAR qualification.

Prerequisites:

- ☒ Year 11 and year 12 students.
- ☒ Preferred C grades for English in year 10. Pass in OLNA.

This qualification will give students great foundational knowledge into the world of animal care, hygiene, feeding, and maintenance. Looking at mammals, birds, fish, and reptiles, students are provided with a well-rounded understanding of animals and how they can incorporate this fascinating world into their future career choices.

There is no work experience component required for this program.

Our practical activities are covered in various excursions and incursions which are arranged throughout the year. Students are encouraged to apply their knowledge of mammals, birds, reptiles, and fish to their everyday interactions with the animal kingdom.

Perfect pathway into Certificate IV in Science (Biology) Animal & Marine Science Qualification

Delivered in partnership with Health Science Hub (RTO: 52806)

SHB30121 Certificate III Beauty Services (Fee) (CT3BEAU)

COST: \$3100*

* The subsidy of 50% of the full charge payable doesn't apply to Perth College of Beauty Therapy

ONE YEAR qualification.

Prerequisites:

- ☒ Year 11 and year 12 students.

Start your dream career and get qualified across a range of exciting specialty areas including lash and brow treatments, manicures, pedicures, make-up, spray tanning, waxing and much more. Upon completion of the course, you may choose to begin your career as a beautician.

This certificate may only be offered as part of STEP Program depending on the day offered and after course counselling and cost considerations have been discussed.

Delivered in partnership with Perth College of Beauty Therapy (RTO: 0249)

BSB30120 Certificate III Business (Fee) (CT3BUS)

COST: \$625

ONE YEAR qualification.

Prerequisites:

- ☒ Year 11 and year 12 students.

This qualification reflects the role of people in a variety of Business Services job roles. It is likely that these people are establishing their own work performance. People in these roles carry out a range of routine procedural, clerical, administrative or operational tasks that require technology and business skills. They apply a broad range of competencies using some discretion, judgement and relevant theoretical knowledge. They may provide technical advice and support to a team.

Delivered in partnership with Fremantle Education Centre (RTO: 50354)

CHC32015 Certificate III Community Services (Fee) (CT3COMF)

COST: \$743

ONE YEAR qualification.

Prerequisites:

- ☒ Year 11 and year 12 students.

This qualification reflects the role of entry level community services workers who support people through the provision of person-centred services. Work may include day-to-day support of people in community settings or support the implementation of specific community-based programs.

Delivered in partnership with Fremantle Education Centre (RTO: 50354)

CHC32015 Certificate III in Community Services Mental Health (Fee) (CT3COMH)

COST: \$1100

ONE YEAR qualification.

Prerequisites:

- ☒ Year 11 and year 12 students.
☒ Preferred C grades for English in year 10. Pass in OLNA.

The community we live in significantly impacts our lives on a daily basis. Understanding what a community is and how we can support vulnerable people/groups within the community can help make the world a better place.

The community services qualification focuses on identifying and helping those in need in different community settings. Throughout this qualification, the focus is on identifying mental health barriers and promoting healthy living practices in others.

Delivered in partnership with Health Science Hub (RTO: 52806)

CHC30121 Certificate III Early Childhood Education & Care (Fee) (CT3ECE)

COST: \$910

ONE YEAR qualification.

Prerequisites:

- ☒ Year 11 and year 12 students.

This qualification reflects the role of workers in a range of early childhood education settings who work within the requirements of the Education and Care Services National Regulations and the National Quality Standard. They support the implementation of an approved learning framework, and support children's wellbeing, learning and development. Depending on the setting, educators may work under direct supervision or autonomously.

To achieve this qualification a total of at least 160 hours of work must be completed in a regulated children's education and care service. This will be completed in exam week, school holidays and days released from school in Term 3.

A \$100 fee is attached for enrolment in Authority Developed Workplace Learning (ADWPL).

An additional fee for First Aid Certificate will be charged by the RTO.

Delivered in partnership with Fremantle Education Centre (RTO: 50354)

SIS30321 Certificate III Fitness (Fee) (CT3FIT)

COST: \$1100

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 11 and year 12 students.**
- ☒ **Preferred C grades for English in year 10. Pass in OLNA.**

Interested in how the body moves and can be used to maintain health and vitality? This fitness qualification provides you with the foundation skills of fitness and how to help others build their strength. Concentrating on moving clients through their exercise journey, you will gain the skills and knowledge of the human body, its abilities and limitations.

Perfect pathway into Certificate IV in Science (Biology) Exercise Science Qualification

Delivered in partnership with Health Science Hub (RTO: 52806)

HLT33115 Certificate III Health Service Assistance (Fee) (CT3HSA)

COST: \$1100

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 11 and year 12 students.**
- ☒ **Preferred Minimum C grade in year 10 Mathematics, English and pass in OLNA.**

Wanting to care for others when they are sick, or frail is a key skill that is valuable to any community. This qualification will provide you with the foundational skills to work in the health environment in helping others return to their healthy state. Learning key skills such as first aid, taking patient's vital signs, and recognising and responding to mental health concerns, you'll feel confident to begin your journey into a nursing career.

Not only will this provide students with a great foundation in health science for those wanting to go to university and study nursing, health, science etc. - but it will also allow them to work as an AIN (Assistance in Nursing) whilst at university!

Delivered in partnership with Health Science Hub (RTO: 52806)

MSL30122 Certificate III Laboratory Skills (Fee) (CT3LABS)

COST: \$1200*

** Including incursion and excursion costs.*

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 11 and year 12 students.**
- ☒ **Preferred C grades for English and Maths in Year 10. Pass in OLNA.**

Are you interested in science and analysis? This laboratory skills qualification will allow you to build your skills in the lab to investigate, decipher and analyse samples and data. Working with the Harry Perkins Institute of Medical Research, this program will help you build some amazing skills and knowledge in a scientific environment.

Perfect pathway into our Certificate IV in Science (Biology) Forensic Science Qualification.

Delivered in partnership with Health Science Hub (RTO: 52806)

**Please note that applying for this qualification may require you to be enrolled in the STEP program.*

CHC30221 Certificate III School Based Education Support (Fee) (CT3SBED)

COST: \$635

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 11 and year 12 students.**

This qualification reflects the role of workers who assist teachers and support student learning in a range of classroom settings. They complete general administrative as well as operational tasks to support students with learning under the guidance of a teacher or other educational professional. Work requires use of discretion and judgement within the boundaries of established policies and procedures.

To achieve this qualification, a total of at least 100 hours of work must be completed. This will be completed in exam week and days released from school in Term 3.

A \$100 fee is attached for enrolment in Authority Developed Workplace Learning (ADWPL).

Delivered in partnership with Fremantle Education Centre (RTO: 50354)

BSB40120 Certificate IV Business (Fee) (CT4BUS)

COST: \$660

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 11 and year 12 students.**

This qualification reflects the role of people in a variety of Business Services job roles. These people may have supervisory responsibilities. People in these roles carry out a mix of specialist and moderately complex administrative or operational tasks that require self-development skills. They use well-developed skills and a broad knowledge base to apply solutions to a range of unpredictable problems and analyse information from a variety of sources. They may provide leadership and guidance to others with some limited responsibility for the work of others.

Delivered in partnership with Fremantle Education Centre (RTO: 50354)

CHC42015 Certificate IV Community Services (Fee) (CT4COMS)

COST: \$795

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 12 students only.**
☒ **Preference will be given to students who have completed Certificate III Community Services in year 11.**
☒ **Majority of C grades in all subjects in year 11 and pass in OLNA.**

This qualification reflects the role of community service workers who design and deliver person-centred services to individuals and/or groups. Workers may provide support, advocacy or interventions to individual clients, groups or communities across a range of services.

Delivered in partnership with Fremantle Education Centre (RTO: 50354)

CHC40221 Certificate IV School Based Education Support (Fee) (CT4SBED)

COST: \$795

ONE YEAR qualification (continuing students only).

Prerequisites:

- ☒ **Year 12 students only.**
- ☒ **Successful completion of Certificate III Education Support.**

This qualification reflects the role of workers who assist teachers and support student learning in a range of classroom settings under the guidance of a teacher or other educational professional. At this level, workers may be involved in facilitation of learning for a range of groups, including for those students in need of additional support. In these roles, the education support worker sources and analyses information from diverse sources, may work with limited direct supervision and could provide guidance to other workers.

To achieve this qualification, a total of at least 100 hours of work must be completed. This will be completed in exam week and days released from school in Term 3.

A \$100 fee is attached for enrolment in Authority Developed Workplace Learning (ADWPL).

Delivered in partnership with Fremantle Education Centre (RTO: 50354)

52895WA Certificate IV Preparation for Health & Nursing Studies (Fee) (CT4PHN)

COST: \$1300

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 12 students only.**
- ☒ **Minimum C Grade in year 10 or 11 Mathematics, English & Science and Pass in OLNA.**

A perfect entry pathway into university to study all areas of health, nursing, science, as well as other Certificates and Diplomas. This program provides you with the foundational knowledge in human biology, academic communication, and basic medications to help you glide into university with the basics already covered.

Throughout this qualification, you will be continuously applying your knowledge to patient case studies to understand the complexity of how the body works (physiology) and does not work (pathophysiology).

Delivered in partnership with Health Science Hub (RTO: 52806)

22608VIC Certificate IV Science (Biology) Animal & Marine (Fee) (CT4SCIA)

COST: \$1300

ONE YEAR qualification.

Prerequisites:

- ☒ **Year 12 students only.**
- ☒ **Minimum C Grade in Year 10 or 11 Mathematics, English & Science and Pass in OLNA.**

Are you interested in animals? The animal and marine-focused qualification will provide pathway opportunities into university as well as equip you for understanding the complex world of animal science.

This qualification is not approved by SCSA and therefore does not attract WACE points. Students may only choose this pathway after course counselling has been completed.

Delivered in partnership with Health Science Hub (RTO: 52806)

22608VIC Certificate IV Science (Biology) Exercise (Fee) (CT4SCIE)

COST: \$1300

ONE YEAR qualification.

Prerequisites:

- ☒ Year 12 students only.
- ☒ Minimum C Grade in Year 10 or 11 Mathematics, English & Science and Pass in OLNA.

Are you interested in how the body moves when we exercise and play sport? The exercise science focused qualification will provide pathway opportunities into university as well as equip you for understanding the complex world of how the body moves.

This qualification is not approved by SCSA and therefore does not attract WACE points. Students may only choose this pathway after course counselling has been completed.

Delivered in partnership with Health Science Hub (RTO: 52806)

22608VIC Certificate IV Science (Biology) Forensics (Fee) (CT4SCIF)

COST: \$1300

ONE YEAR qualification.

Prerequisites:

- ☒ Year 12 students only.
- ☒ Minimum C Grade in Year 10 or 11 Mathematics, English & Science and Pass in OLNA.

Are you interested in investigation? The forensics focused qualification will provide pathway opportunities into university as well as equip you for understanding the complex world of forensic analysis. **This qualification is not approved by SCSA and therefore does not attract WACE points. Students may only choose this pathway after course counselling has been completed.**

Delivered in partnership with Health Science Hub (RTO: 52806)

*Please note that applying for this qualification may require you to be enrolled in the STEP program.

22608VIC Certificate IV Science (Biology) Psychology (Fee) (CT4SCIP)

COST: \$1300

ONE YEAR qualification.

Prerequisites:

- ☒ Year 12 students only.
- ☒ Minimum C Grade in Year 10 or 11 Mathematics, English & Science and Pass in OLNA.

Are you interested in how the mind works? The Psychology and Mental Health focused qualification will provide pathway opportunities into university as well as equip you for understanding the complex world of the mind. **This qualification is not approved by SCSA and therefore does not attract WACE points. Students may only choose this pathway after course counselling has been completed.**

Delivered in partnership with Health Science Hub (RTO: 52806)

BSB50120 Diploma of Business (Fee) (DIPBUS)

COST: \$1650

ONE YEAR qualification.

Prerequisites:

- ☒ Year 12 students only.
- ☒ Successful completion of Certificate IV Business

This qualification applies to people with various job titles including executive officers, program consultants and program coordinators. People in these roles may possess substantial experience in a range of settings but seek to further develop their skills across a wide range of business functions. Conversely, it may also apply to those with little or no vocational experience, but who possess sound theoretical business skills and knowledge that they would like to develop in order to create further educational and employment opportunities.

Delivered in partnership with Fremantle Education Centre (RTO: 50354)

Pathway Three – SCHOOL TRANSITION TO EMPLOYMENT (STEP)

Please refer to page 6 for more information regarding Minimum Criteria for STEP program and how to apply for the STEP Program.

Why choose the STEP program?

The STEP program offered at Comet Bay College is unique, highly competitive and designed to give Year 11 and 12 students a blended program of general education subjects and Nationally Accredited Qualifications (VET), which contribute to secondary graduation (WACE). Students will develop relevant industry skills with pathways to employment and/or further education and training, including traineeships and apprenticeships.

What is VET?

Students who complete stand-alone VET qualifications gain credit towards their WACE or WASA. These qualifications are part of nationally agreed system that recognises qualifications delivered through private Registered Training Organisations (RTOs). Industry sectors determine and define the outcomes that are required from the training. The qualifications gained are recognised by employers and industry across Australia as people seek to enter or re-enter the workforce, upgrade existing skills or move into a new industry area. Vocational skills are called **competencies** and refer to the technical knowledge and broad process skills required to perform in a particular work context.

Cost of the VET qualifications within STEP

The VET courses offered in year 11 or 12 as part of the STEP program are exempt from tuition, resource and enrolment fees. However, depending on the chosen course students may be required to pay incidental fees, obtain a First Aid certificate from an external RTO such as St John, purchase a uniform, protective equipment, textbooks or trade equipment/tools.

Where a STEP student chooses VET qualification outside what is listed below, then it is likely tuition and resource fees will apply. Your VET Coordinator has details of these courses.

Location of Courses

Students may be required to travel to different training locations on the days of their qualification, such as Rockingham, Kwinana, Beaconsfield, Jandakot, Perth, Thornlie, Fremantle, Mandurah or Joondalup. Students are responsible for their own transport arrangements to and from the North and South Metro TAFE campuses and training centres.

Students are responsible for ensuring that they attend all scheduled classes, including those that may occur on a school designated pupil free day. Attendance will be recorded, and any absences are reported to the school. Students are required to inform their lecturer in advance of any absence from scheduled classes. Poor attendance may mean withdrawal from the course.

VET in Schools – Qualification Offering

All students in the STEP program are enrolled in a qualification. In addition, they are required to meet the requirements for at least 2 units of Workplace Learning with a host employer.

Only students selecting the STEP Program option are eligible to select from the following list of qualifications. **Please note this list is an indication of offerings and is subject to change.**

UEE22020 Certificate II in Electrotechnology (Career Start)

Nil charge

ONE YEAR qualification.

Prerequisites:

☒ Year 12 students only.

The qualification is open to Year 12 students and covers the basic skills and knowledge required to work in any electrotechnology field. Students will learn from experienced industry professionals in state-of-the-art learning facilities specifically designed for hands-on industrial learning. The qualification has a strong focus on safety, with graduates able to seek work in the energy sector or go on to further education.

Delivered in partnership with South Metro TAFE – Gilmore College (RTO: 52787)

PMA20116 Certificate II in Process Plant Operations

Nil charge

ONE YEAR qualification.

Prerequisites:

☒ Year 11 students only.

The qualification is delivered by industry experienced educators in state-of-the-art processing facilities. Students gain qualifications to work as entry level Process Plant Operators, or in a range of careers in the resources sector including Mechanical Fitting, Instrumental Electrical and Heavy Diesel Mechanical. Graduates can also choose to advance their qualifications through further education and/or training. For example, graduates can complete their Diploma and Advanced Diploma of PPO as an alternative entry to university.

Delivered in partnership with South Metro TAFE – Gilmore College (RTO: 52787)

Qualifications Under Industry Cluster		Qual Code	Proposed Venue
AVIATION AND AEROSKILLS			
Certificate II in Aero skills (Mechanical Pre-Apprenticeship)	1 Year Year 11 or 12 Thursday and Friday	MEA20418	South Metropolitan TAFE Aerospace Training Centre Jandakot
Certificate III in Aviation (Cabin Crew)	1 Year Year 11 or 12 Thursday and Friday	AVI30219	South Metropolitan TAFE Aerospace Training Centre Jandakot
Certificate III in Aviation (Remote Pilot)	1 Year Year 11 or 12 Thursday and Friday	AVI30419	South Metropolitan TAFE Fremantle Campus
AUTOMOTIVE			
Certificate II in Automotive Vocational Preparation (Automotive Body Repair Panel Beating)	1 Year Year 11 or 12 Friday	AUR20720	South Metropolitan TAFE Carlisle
Certificate II in Automotive Vocational Preparation Light/Heavy/Auto Electrical (Rotational)	1 Year Year 11 or 12 Thursday or Friday	AUR20720	South Metropolitan TAFE Kwinana Automotive & Technical Skills Centre
Certificate II in Automotive Vocational Preparation (Heavy Automotive focus)	1 Year Year 11 or 12 Tuesday, Wednesday or Thursday	AUR20720	South Metropolitan TAFE Thornlie
Certificate II in Automotive Vocational Preparation	1 Year Year 11 or 12 Thursday or Friday	AUR20720	North Metropolitan TAFE Midland
AUTONOMOUS WORKPLACE			
Certificate II in Autonomous Workplace Operations	1 Year Year 11 or 12 Thursday or Friday	52845WA	South Metropolitan TAFE Munster
Certificate II in Autonomous Workplace Operations	1 Year Year 11 or 12 Friday	52845WA	North Metropolitan TAFE East Perth
ANIMAL CARE & HORTICULTURE			
Certificate II in Animal Care	1 Year Year 11 or 12 Thursday	ACM20121	South Metropolitan TAFE Mandurah
Certificate II in Horticulture	1 Year Year 11 Only Thursday	AHC20416	North Metropolitan TAFE Joondalup
AQUACULTURE			
Certificate II in Aquaculture	1 Year Year 12 Friday	SFI20119	South Metropolitan TAFE Fremantle

BUILDING AND CONSTRUCTION			
Certificate II in Building & Construction (Pathways – Carpentry)	2 Years Year 11 Thursday (1 st Year) Friday (2 nd Year)	52893WA	North Metropolitan TAFE Balga (1 st Year) North Metropolitan TAFE Clarkson (2 nd Year)
Certificate II in Building & Construction (Pathways – Trades)	2 Years Year 11 Thursday	52824WA	South Metropolitan TAFE Mandurah
Certificate II in Building & Construction (Pathways – Trades)	2 Years Year 11 Thursday or Friday	52824WA	South Metropolitan TAFE Rockingham
Certificate II in Building & Construction (Pathways – Trades)	1 Year Year 11 or 12 Thursdays and Fridays	52824WA	South Metropolitan TAFE Thornlie
Certificate II in Building & Construction (Pathways – Paraprofessional)	2 Years Year 11 Thursdays	52825WA	North Metropolitan TAFE Perth
Certificate II in Building & Construction (Pathways – Trades) Painting & Decorating Pre-Apprenticeship	1 Year Year 12 Thursday and Friday	52824WA	South Metropolitan TAFE Thornlie
Certificate II in Building & Construction (Pathways – Trades) Painting & Decorating Pre-Apprenticeship	1 Years Year 11 or 12 Friday	52824WA	Mandurah Regional Skills Centre
Certificate II in Building & Construction (Pathways Trades) Painting Pre-App (DTWD Funded)	1 Year Year 11 or 12	52824WA	MPA Skills Jandakot
Certificate II in Building & Construction (Pathways Trades) Painting Pre-App (CTF Funded)	2 Years Year 11	52824WA	MPA Skills Jandakot
Certificate II in Civil Construction	1 Year Year 12 Thursday and Friday	R1120715	South Metropolitan TAFE Thornlie
Certificate II in Construction Pathways (Building Maintenance)	1 Year Year 11 or 12 Thursday and Friday	CPC20220	North Metropolitan TAFE Clarkson
Certificate II in Furniture Making (Cabinet Making/Furniture Making Pre-App)	2 Years Year 11 Friday	MSF20313	South Metropolitan TAFE Thornlie
Certificate II in Furniture Making (Cabinet Making/Furniture Making Pre-App)	2 Years Year 11 Thursday (1 st Year) Friday (2 nd Year)	MSF20313	North Metropolitan TAFE Balga
BUSINESS AND ACCOUNTING			
Certificate III in Accounts Administration	1 Year Year 11 or 12 Thursday and Friday	FN30317	North Metropolitan TAFE Perth
Certificate III in Legal Services	1 Year Year 11 or 12 Thursday and Friday	BSB30320	North Metropolitan TAFE Perth
Certificate III in Business	1 Year Year 11 or 12 Thursday and Friday	BSB30120	North Metropolitan TAFE Perth/Midland
Cert III Business Administration (Medical)	1 Year Year 11 or 12 Thursday and Friday	BSB30120	North Metropolitan TAFE Perth

COMMUNITY SERVICES			
Certificate II Community Services (Year 12 Note: 20 hours work placement requirement in Term 4)	1 Year Year 11 or 12 Friday	CHC22015	North Metropolitan TAFE Leederville/Joondalup/Midland
Certificate II in Community Services (Year 12 Note: 20 hours work placement requirement in Term 4)	1 Year Year 11 or 12 Friday	CHC22015	South Metropolitan TAFE Mandurah
Certificate II in Community Services – Early Childhood Sector (Interview and LLN test required)	1 Year Year 11 or 12 Thursday	CHC22015	South Metropolitan TAFE Mandurah
Certificate II in Community Services – Early Childhood Sector (Interview and LLN test required)	1 Year Year 11 or 12 Friday	CHC22015	South Metropolitan TAFE Rockingham
CREATIVE INDUSTRIES			
Certificate II in Applied Fashion Design and Technology	2 Years Year 11 Thursday	MST20616	North Metropolitan Perth
Certificate II in Applied Fashion Design and Technology	1 Year Years 11 & 12 Thursday and Friday	MST20616	South Metropolitan Bentley
Certificate II in Applied Fashion Design and Technology (Construction)	1 Year Year 11 & 12 Friday	MST20616	South Metropolitan Bentley
Certificate II in Applied Fashion Design and Technology (Pattern Making)	1 Year Year 11 & 12 Thursday	MST20616	South Metropolitan Bentley
Certificate III in Arts and Cultural Administration	2 Years Year 11 Friday	CUA30620	North Metropolitan Perth
Certificate III in Design Fundamentals	2 Years Year 11 Friday	CUA30720	North Metropolitan Perth
Certificate III in Design Fundamentals (Jewellery Design)	2 Years Year 11 Friday	CUA30720	North Metropolitan Perth
Certificate III in Music	2 Years Year 11 Friday	CUA30920	North Metropolitan Leederville
Certificate II in Printing and Graphic Arts	2 Years Year 11 Thursday	ICP20120	North Metropolitan Perth
Certificate III in Screen and Media (Film & Television)	1 Year Year 11 or 12 Thursday or Friday	CUA31020	North Metropolitan Perth
Certificate III in Screen and Media (Animation & Game Art)	1 Year Year 11 or 12 Friday	CUA31020	North Metropolitan Perth

EDUCATION

Certificate III in Early Childhood Education & Care	2 Years Year 11 Thursday and Friday	CHC30121	North Metropolitan TAFE Leederville/Joondalup/Midland
Certificate III in Early Childhood Education & Care	2 Years Year 11 Friday	CHC30113	South Metropolitan TAFE Mandurah
Certificate III in Early Childhood Education & Care (Interview and LLN test required)	2 Years Year 11 or 12 Friday	CHC30113	South Metropolitan TAFE Murdoch/Thornlie
Certificate III in Education Support (interview and LLN test required)	1 Year Year 11 or 12 Friday	CHC30213	South Metro TAFE Mandurah/Rockingham
Certificate III in School Based Education Support	1 Year Year 11 or 12 Friday	CHC30221	South Metropolitan TAFE Rockingham
Certificate III in School Based Education Support	1 Year Year 11 or 12 Friday	CHC30221	South Metropolitan TAFE Mandurah
Certificate III in School Based Education Support	2 Years Year 11 Thursday or Friday	CHC30221	North Metropolitan TAFE Leederville

ELECTROTECHNOLOGY & ELECTRONICS

Certificate II in Computer Assembly and Repair	2 Years Year 11 Friday	UEE20520	North Metropolitan TAFE Clarkson/Midland
Certificate II in Electronics	2 Years Year 11 Friday	UEE21920	North Metropolitan TAFE Clarkson/Midland
Certificate II in Electronics	1 Year Year 11 or 12 Monday	UEE21920	South Metropolitan TAFE Rockingham
Certificate II in Electronics	1 Year Year 11 or 12 Friday	UEE21920	South Metropolitan TAFE Thornlie
Certificate II Electrotechnology (Career Start) (Electrotechnology Pre-Apprenticeship)	2 Years Year 11 Wednesday, Thursday or Friday	UEE22020	South Metropolitan TAFE Rockingham
Certificate II Electrotechnology (Career Start) (Electrotechnology Pre-Apprenticeship)	2 Years Year 11 Thursday or Friday	UEE22020	South Metropolitan TAFE Thornlie
Certificate II Electrotechnology (Career Start) (Electrotechnology Pre-Apprenticeship)	2 Years Year 11 Thursday	UEE22020	South Metropolitan TAFE Mandurah

ENGINEERING & MINING			
Certificate II in Engineering Mechanical Fitter and Machinist Pre-Apprenticeship	1 Year Year 11 or 12 Thursday and Friday	MEM20105	South Metropolitan TAFE Thornlie / Rockingham
Certificate II in Engineering (Heavy Fabrication Pre-Apprenticeship)	1 Year Year 11 or 12 Thursday and Friday	MEM20105	South Metropolitan TAFE Thornlie / Rockingham
Certificate II in Engineering Pathways (Machinery and Fabrication Focus)	1 Year Year 11 or 12 Thursday	MEM20413	South Metropolitan John Tonkin College
Certificate II in Engineering Pathways	1 Year Year 11 or 12 Thursday and Friday	MEM20413	North Metropolitan TAFE Clarkson/Midland
Certificate III in Engineering (Technical)	2 Years Year 11 Friday	MEM30505	North Metropolitan TAFE East Perth (1 st Year)/Perth (2 nd Year)
Certificate II in Engineering	1 Year Year 12	MEM20105	ITWS Belmont
Certificate II in Surveying and Spatial Information Services	1 Year Year 11 or 12 Friday	CPP20121	North Metropolitan TAFE East Perth
EVENTS			
Certificate III in Events	2 Years Year 11 Friday	SIT30516	North Metropolitan TAFE Perth/Joondalup
Certificate III in Events	1 Year Year 11 or 12 Thursday	SIT30516	South Metropolitan TAFE Bentley
Certificate III in Events	1 Year Year 11 or 12 Friday	SIT30516	South Metropolitan TAFE Fremantle
INFORMATION TECHNOLOGY / NETWORKING & SECURITY			
Certificate III Information Technology (Cyber Security)	2 Years Year 11 Friday	ICT30120	North Metropolitan TAFE Joondalup
INTEGRATED TECHNOLOGIES			
Certificate II in Integrated Technologies (Robotics)	2 Year Year 11 Tuesday	22527VIC	North Metropolitan TAFE Clarkson
Certificate II in Integrated Technologies (Robotics)	1 Year Year 11 or 12 Thursday and Friday	22289VIC	South Metropolitan TAFE Munster
HEALTH SERVICES			
Certificate III in Population Health	2 Years Year 11 Friday (1 st Year) Thursday (2 nd Y	HLT36015	North Metropolitan TAFE Mount Lawley/Joondalup/Midland

HOSPITALITY/KITCHEN OPERATIONS			
Certificate II in Kitchen Operations (Commercial Cookery/Patisserie Pre-Apprenticeship)	2 Years Year 11 Friday	SIT20416	North Metropolitan TAFE Joondalup
Certificate II in Kitchen Operations (Commercial Cookery/Patisserie Pre-Apprenticeship)	1 Year Year 11 or 12 Thursday and Friday	SIT20416	South Metropolitan TAFE Bentley/Mandurah
Certificate II in Baking (Pre – Apprenticeship)	1 Year Year 11 or 12 Thursday and Friday	FDF20510	South Metropolitan TAFE Bentley
Certificate II in Hospitality	1 Year Year 11 or 12 Friday	SIT20316	South Metropolitan TAFE Mandurah/Bentley
Certificate II in Hospitality	2 Years Year 11 Friday	SIT20316	North Metropolitan TAFE Joondalup/Perth
LABORATORY SKILLS			
Certificate II in Sampling and Measurement	1 Year Year 11 or 12 Friday	MSL20118	North Metropolitan TAFE East Perth
LIBRARY OPERATIONS			
Certificate III in Library and Information Services	2 Years Year 11 Friday	BSB30420	North Metropolitan TAFE Perth
PLUMBING			
Certificate II in Plumbing (Plumbing Pre-Apprenticeship)	2 Years Year 11 Thursday or Friday	52887WA	South Metropolitan TAFE Rockingham
Certificate II in Plumbing (Plumbing Pre-Apprenticeship)	2 Years Year 11 Friday	52887WA	North Metropolitan TAFE Clarkson
MPA Certificate II in Plumbing (Plumbing Pre-Apprenticeship) – Application required (CFT Scholarship Program – Application required)	2 Years Year 11	52700WA	MPA Skills Jandakot
PREPARATION FOR NURSING			
Certificate IV in Preparation for Health and Nursing Studies (Interview and LLN test required)	2 Years Year 11 Friday	52831WA	South Metropolitan TAFE Bentley
Certificate IV in Preparation for Health and Nursing Studies (Interview and LLN test required)	2 Years Year 12 Friday	52831WA	South Metropolitan TAFE Rockingham
Certificate IV in Preparation for Health and Nursing Studies (Interview and LLN test required)	2 Years Year 12 Friday	52895WA	North Metropolitan TAFE Mount Lawley
PROCESS PLANT OPERATIONS			
Certificate III Process Plant Operations	2 Years Year 11	PMA20116	South Metropolitan TAFE Gilmore College

RETAIL/BEAUTY & HAIRDRESSING

Certificate II in Retail Cosmetics	1 Year Year 11 or 12 Thursday or Friday	SHB20116	South Metropolitan TAFE Mandurah
Certificate II in Retail Cosmetics	1 Year Year 11 or 12 Friday	SHB20116	South Metropolitan TAFE Murdoch
Certificate II in Salon Assistant	1 Year Year 11 or 12 Friday	SHB20216	South Metropolitan TAFE Murdoch
Certificate II in Salon Assistant	1 Year Year 11 or 12 Thursday or Friday	SHB20216	South Metropolitan TAFE Mandurah
Certificate II in Salon Assistant	1 Year Year 11 or 12 Thursday	SHB20216	North Metropolitan TAFE Balga/Midland
Certificate III in Makeup	2 Year Year 11 Thursday or Friday	SHB30215	North Metropolitan TAFE Joondalup/Perth

TOURISM

Certificate III in Tourism	2 Years Year 11 Thursday	SIT30116	South Metropolitan TAFE Mandurah
Certificate III in Tourism	2 Years Year 11 Friday	SIT30116	South Metropolitan TAFE Fremantle
Certificate III in Tourism	2 Years Year 11 Friday	SIT30116	North Metropolitan TAFE Joondalup/Perth

The links between State Training Providers and University

All Universities in Western Australia to a greater or lesser extent accept Training WA qualifications ie. Certificate IV and above, as admission for specific courses. The extent of this acceptance varies between universities and courses and students should consult with the relevant university.

State Training Provider (STP) Qualifications Australian Qualifications Framework

Training WA	UNIVERSITY
	Doctorate
	Master's Degree
	Graduate Diploma
	Bachelor's degree
Advanced Diploma	Advanced Diploma
Diploma	Diploma
Certificate IV	
Certificate III	
Certificate II	
Certificate I	

If you intend to follow this Pathway to university admission you are advised to consult with the counsellors at the relevant university to identify which Training WA Courses are recommended.

Alternative University Entry Pathways

(NB: Alternate Entry Programs are reviewed annually)

Experienced Based Entry to Edith Cowan University (ECU)

In addition to the requirements outlined above, Edith Cowan University offers an additional pathway for entry by school leaver students. Detailed information about the requirements for the Experienced Based Pathway to ECU may be obtained from Student Recruitment on 13 43 28 or <https://www.ecu.edu.au/future-students/course-entry/experience-based-entry-scheme>

Portfolio Entry to Murdoch University

In addition to the requirements outlined above, Murdoch University offers a portfolio pathway for admission to Bachelor degrees in Media, Mass Communication and in Digital Media as well as other under graduate degrees.

For more information see <https://www.murdoch.edu.au/study/pathways-to-uni/high-school>

Portfolio Entry to Curtin University

In addition to the requirements outlined above, Curtin University offers an additional pathway for entry by school leaver students. Detailed information about the requirements for the Portfolio entry can be obtained from <https://www.curtin.edu.au/study/applying/pathways/>

Experienced-based Entry to University of Western Australia

In addition to the requirements outlined above, Curtin University offers an additional pathway for entry by school leaver students. Detailed information about the requirements for the Portfolio entry can be obtained from

<https://www.uwa.edu.au/study/How-to-apply/Admission-entry-pathways/Experience-based-entry>

Enabling (bridging) Courses are available at all West Australian universities.

All Universities offer enabling courses into certain Undergraduate degrees. These range from 4-week intensive courses held over the summer to courses that are offered in first semester. Statistics show that students who complete enabling courses have a similar completion rate to those who enter using an ATAR ranking.

Gaining Admission to University through Training WA

Training WA can be your steppingstone to a University Education.

A significant number of Training WA graduates gain admission to Australian universities each year. Students can use a Certificate IV, Diploma or Advance Diploma to gain entry into university. Each University has their own additional requirements.

Training WA graduates need to apply through the Tertiary Institutions Services Centre (TISC) for admission to the public universities, visit www.tisc.edu.au. Apply directly for admission to the University of Notre Dame Australia.
