



SAFETY BAY SENIOR HIGH SCHOOL

# Senior School Course Guide



# Key for This Guide

-  Learning Area
-  Location
-  Prerequisites
-  Cost
-  Course Duration

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# Introduction

This course guide is designed to help students and parents understand the subjects available for study at Safety Bay Senior High School in Years 11 and 12.

Parents play an important role in helping their children make educational and career decisions. This role begins when children are young, watching their parents and other adults around them participate in working life. In Senior School, parents can play an even greater part in guiding their career development and fostering optimism, enthusiasm, energy, and curiosity.

Senior School is a time when students and their parents face many new challenges and decisions. The expectations set during this time need to be met if students are to successfully move into a post-school pathway. It is now compulsory for all students to complete Years 11 and 12 unless engaged in full-time employment or ongoing training with an external provider.

Senior School students are:

- expected to take responsibility for their learning and behaviour.
- expected to be organised.
- provided with the knowledge and skills to set the foundations for their post-school pathway.
- encouraged to assume more leadership roles within the school environment.
- encouraged to pursue a more adult-like ethos.
- expected to show increased independence.
- expected to plan and manage their own study and revision schedule.

Students' achievement in Semester 1, Year 10 will determine the subjects they can study in Years 11 and 12.

Students wanting to enter the ATAR Pathway in Senior School require a minimum B Grade in Year 10 subjects.

All other classes will be working towards a TAFE/Vocational Pathway.

# Attendance

At Safety Bay Senior High School, we want to give your child the best education possible. This is why sending your child to school every day is important. Missing even a half day of school each week equates to one month of missed learning each year. Helping your child develop a habit of going to school every day is vital so they don't miss out on the essential ideas and skills they need for lifelong learning and future employment.

Western Australian law stipulates that school-aged children must attend school every day. We are required to keep accurate attendance records for all our students. This includes taking attendance at every lesson for secondary school students. When a student's attendance falls below 90%, the school Principal must investigate the matter and develop a plan (in consultation with the family) to address and restore regular attendance.

Your child may not want to attend school due to learning difficulties/disabilities, behavioural issues, and/or emotional/social issues. Other reasons could include falling behind in school work or feeling overwhelmed about keeping up, extracurricular activities or a part time job, bullying or cyber bullying, amongst others.

If you think your child might need help in any of these areas please speak to our friendly Student Services team.

## Compass School Portal

Compass is an integrated online platform that allows you to access up-to-date and meaningful information about our school and your child's progress. Compass includes many different features, including the ability to:

- Monitor your child's attendance and enter an explanation for absence or lateness
- Communicate with your child's teachers
- View your child's timetable and the school calendar
- Book Parent/Student/Teacher Interviews
- Provide consent for excursions and incursions



# Glossary of Terms

<b>ACRONYM</b>	<b>FULL NAME</b>	<b>DESCRIPTION</b>
<b>ATAR</b>	<b>Australian Tertiary Admissions Rank</b>	<i>Calculated for all eligible students completing 4 or more ATAR courses.</i>
<b>NAPLAN</b>	<b>National Assessment Program - Literacy and Numeracy</b>	<i>National tests in Years 3, 5, 7, 9.</i>
<b>OLNA</b>	<b>Online Literacy and Numeracy Assessment</b>	<i>State test for Years 10 - 12. A pass required to achieve WACE.</i>
<b>PACT</b>	<b>Peron Alliance Curriculum and Teaching</b>	<i>An initiative of public secondary schools in the Rockingham and Kwinana region that will see schools working together to make a range of courses available to senior school students.</i>
<b>RTO</b>	<b>Registered Training Organisation</b>	<i>Endorsement of a provider of vocational training.</i>
<b>SCSA</b>	<b>School Curriculum and Standards Authority</b>	<i>Statutory body for endorsement of all state curriculum provision.</i>
<b>TAFE</b>	<b>Technical and Further Education</b>	<i>TAFE is a Registered Training Organisation under the jurisdiction of the Australian Skills Quality Authority.</i>
<b>TISC</b>	<b>Tertiary Institutions Service Centre</b>	<i>TISC is an incorporated body. TISC is the centralised application clearing house, to coordinate undergraduate applications for public university places.</i>
<b>VET</b>	<b>Vocational Education and Training</b>	<i>Vocational Education and Training enables students to gain qualifications for all types of employment, and specific skills to help them in the workplace.</i>
<b>WACE</b>	<b>Western Australian Certificate of Education</b>	<i>Certificate given to students who have completed Year 11 and 12 successfully.</i>
<b>WASSA</b>	<b>Western Australian Statement of Student Achievement</b>	<i>A statement of results is issued to all students in Year 12.</i>

# Shape Your Future

Making the transition to Senior School is an exciting opportunity for you, as Year 10 students to shape your own future in an increasingly connected world. We are seeing new technology disrupt the traditional concept of an orderly career progression, which means you need tools for lifelong learning as you adapt to the new career mindset.

Our focus is to provide courses that will engage you in a relevant program that links directly to post school training, further education or employment. Whether that pathway is ATAR, General or VET/Industry Links, there is something for everyone.

We are committed to having all students achieve Secondary Graduation through successful completion of studies in Years 11 and 12. Overwhelming evidence demonstrates that young people who achieve Secondary Graduation create opportunities for further education and training (University and TAFE), improve their longer term employment prospects, earning capacity and strengthen career development.

To help you with this process you could think about your:

- top three hobbies
- top three subjects
- three things you are good at
- three positive words to describe yourself
- three jobs that you are interested in

I hope this helps you find a future career pathway, and I wish you all the best in selecting your subjects for Senior School.

**Alen Kursar**  
Principal



# Obtaining Your WACE

The Western Australian Certificate of Education (WACE) is awarded to secondary school students who satisfy its requirements. Students generally complete two years of senior secondary study, and if they demonstrate the required levels of achievement, they will be awarded the WACE.

## Requirements for Students Completing the WACE

Students must:

- Demonstrate a minimum standard of literacy (reading and writing) and a minimum standard of numeracy
- Complete a minimum of twenty units or equivalents described below
- Complete:
  - at least four Year 12 ATAR\* courses **OR**
  - at least five Year 12 General courses and ATAR\* courses or equivalent **OR**
  - a Certificate II (or higher) VET qualification in combination with ATAR, General or Foundations courses.

\*In the context of ATAR courses, a student is required to sit the ATAR course examination

## Literacy and Numeracy Standard

For the WACE literacy and numeracy standard, you may:

- Pre-qualify through the required level in the Reading, Writing and Numeracy tests of the Year 9 National Assessment Program Literacy and Numeracy (NAPLAN)
- Completing the relevant components of the Online Literacy and Numeracy Assessment (OLNA) in Years 10, 11, or 12 will demonstrate the minimum standard of literacy and numeracy.

## Breadth and Depth

You must complete a minimum of twenty units, which may include unit equivalents attained through VET and/or endorsed programs. This requirement must consist of at least the following:

- A minimum of ten Year 12 units, or the equivalent
- Four units from an English course, post-Year 10, including at least one pair of Year 12 units from an English learning area course
- One pair of Year 12 units from List A (arts/languages/social sciences) **and** List B (mathematics/science/technology) subjects.

## Achievement Standard

You must achieve at least fourteen C grades or higher (or equivalents) in Year 11 and Year 12 units, including at least six C grades (or equivalents) in Year 12 units.

## Unit Equivalents

Unit equivalents can be obtained through Vocational Education and Training (VET) qualifications and/or endorsed programs. The maximum number of unit equivalents available through VET and endorsed programs is four Year 11 units and four Year 12 units, with a maximum of four units with endorsed programs, two in Year 11 and two in Year 12.

## Further Information

Available from the School Curriculum Standards Authority (SCSA): [www.scsa.wa.edu.au](http://www.scsa.wa.edu.au)



## ATAR COURSES

LIST A	COST	PAGE	LIST B	COST	PAGE
Business Management and Enterprise	\$75	15	Biology	\$75+	14
English	\$90	18	Chemistry	\$75+	16
Modern History	\$70	22	Engineering Studies - Mechanical	\$180	17
Politics and Law	\$70+	25	Human Biology	\$75+	19
			Mathematics - Applications	\$70+	20
			Mathematics - Methods	\$70+	21
			Physical Education Studies	\$110	23
			Physics	\$75+	24

## GENERAL COURSES

LIST A	COST	PAGE	LIST B	COST	PAGE
Ancient History	\$70	26	Applied Information Technology	\$105	27
Business Management and Enterprise	\$75	29	Biology	\$75	28
Career and Enterprise	\$75	30	Design - Photography	\$147	33
Children, Family and the Community	\$120	31	Engineering Studies - Mechanical	\$180	34
Dance	\$150	32	Food Science and Technology	\$200	36
English	\$90	35	Human Biology	\$75	38
Health Studies	\$70	37	Materials Design and Technology - Wood	\$180	39
Modern History	\$70	41	Mathematics - Essential	\$85	40
Visual Art	\$117	44	Physical Education Studies	\$110	42
			Psychology	\$60	43

## FOUNDATION COURSES

(ALL FOUNDATION COURSES QUALIFY AS LIST A)

	COST	PAGE
Career & Enterprise	\$75	46
English	\$90	47
Mathematics - Foundation	\$85	48

## CERTIFICATE COURSES

(DO NOT QUALIFY AS LIST A OR LIST B)

	COST	PAGE
Certificate II in Workplace Skills/Certificate III Business (Dual Qualification)	\$95*	50
Certificate II in Creative Industries - Media	\$115*	51
Certificate III in Information Digital Media and Technologies - Cyber Security	\$300*	52
Certificate IV in Preparation for Health & Nursing Studies	!	53
Certificate II in Outdoor Recreation	\$200*	54
Certificate II in Sport & Recreation	\$110*	55
Certificate III in Sport Coaching/Certificate III in Sport and Recreation - Football (Dual Qualification)	\$400*	56
Certificate II in Visual Arts - Photography	\$200*	57

## ENDORSED PROGRAMS

These programs provide access to areas of learning not covered by WACE courses or VET programs at Safety Bay Senior High School and contribute to the WACE as unit equivalents. Endorsed programs are for students wishing to participate in programs which are delivered in a variety of settings by schools, workplaces, universities and community organisations. Eg. Workplace Learning, Instrumental Music, Drama Productions, and Bushranger Cadets.

**\$ Cost Key:** + (These courses may require textbooks and/or other equipment, see relative page for estimated costs)

\* (Certificate courses' stated prices are *per year* costs)

! (Charged separately through Rockingham Senior High School)

*Note: The Certificate course chosen may require students to start in Period 0 (7.30am) and attend Period 6 (2.45pm) classes.*

# ATAR Pathway

If your preference is to study at university after completing high school, then the Australian Tertiary Admission Rank (ATAR) pathway is for you. To be eligible for an ATAR ranking, you must enrol in at least four ATAR courses. Your ATAR ranking determines the courses and universities you will be able to attend.

Your ATAR ranking determines your eligibility for courses at any of the four public universities in Western Australia: Curtin University, Murdoch University, Edith Cowan University, and The University of Western Australia. You can also apply for courses at any university across the country. Each university has different minimum ATAR requirements and course prerequisites. Check out the Good Universities Guide to find the course that is right for you. If ATAR is not for you, there are other entry pathways to university.

$$5 \text{ ATAR COURSES} + 1 \text{ CERTIFICATE COURSE / GENERAL COURSE} = \text{WACE}$$

$$4 \text{ ATAR COURSES} + 2 \text{ GENERAL COURSES} = \text{WACE}$$

$$4 \text{ ATAR COURSES} + 1 \text{ CERTIFICATE COURSE} + 1 \text{ GENERAL COURSE} = \text{WACE}$$



## General Pathway

Our General course units are for students who are aiming to enter further training or the workforce directly from school. These courses will not be examined by SCSA.

All students enrolled in a General Year 12 course are required to complete the Externally Set Task (EST) developed by SCSA for that course. The EST is compulsory, forming part of the school-based assessment. It is included as a separate assessment type with a weighting of 15% for the pair of units.

It is strongly recommended that all senior school students complete one Vocational Education and Training (VET) Certificate II course across Years 11 and 12. It is possible to do a mix of ATAR and General courses, if the prerequisites have been met for the relevant ATAR course.

**5** GENERAL COURSES + **1** CERTIFICATE COURSE = **WACE**

# Foundation Pathway

Our Foundation courses focus on practical literacy and numeracy skills throughout English and Maths, work-related experience, and the opportunity to build personal skills important for life and work. They are designed for students who have yet to demonstrate the minimum standard for the Western Australian Certificate of Education (WACE) numeracy and Standard Australian English (SAE) literacy skills before Year 11.

All students enrolled in a Foundation Year 12 course must complete the Externally Set Task (EST) developed by SCSA for that course. The EST is compulsory and forms part of the school-based assessment. It is included as a separate assessment type with a weighting of 15% for the pair of units.

Senior school students undertaking Foundation courses must complete minimum one Vocational Education and Training (VET) Certificate II across Years 11 and 12. The remainder of their courses may be General courses.



**GENERAL COURSES + FOUNDATION COURSE/S**



***Not all subjects offered in this guide can be guaranteed to run.***

***A subject will only run if there is sufficient student demand.***

***Subjects may also run through the School of Isolated Distance Education (SIDE) or PACT.***

**+ CERTIFICATE COURSE = WACE**

# Industry Links and School Based VET Programs

The Vocational Education (VET) and Training pathway encourages students to gain a nationally recognised qualification whilst achieving points to obtain the Western Australian Certificate of Education (WACE). Students will develop relevant industry knowledge and skills, providing pathways to employment or further study.

Courses available to students include certificates in Automotive, Building and Construction, Childcare, Hair and Beauty, Business Administration, Education, Healthcare, Electrical, Aviation, Retail, Animal Care and Engineering.

## Industry Links and School Based VET Program

School Based VET Programs are delivered on school site as part of a student's regular 5-day General timetable. The program involves a partnership between Safety Bay Senior High School and Registered Training Organisations, so that students can achieve a Certificate qualification that is delivered at school as part of Year 11 and/or Year 12 course selection.

The Industry Links Program focuses on enabling students to gain job search and career development skills and hands-on industry experience.

Students will complete the following subjects three days per week at school, while also gaining hands-on experience in the industry of choice for the other two days at TAFE/RTO/School Based Traineeship.

- Mathematics - Essentials (General)
- English (General)
- Career & Enterprise (General)
- Certificate II in Workplace Skills/Certificate III in Business (Dual Qualification)
- Certificate Qualification through TAFE or RTO
- First Aid
- White Card
- Workplace Learning

## Application Process

To embark on a **School-Based VET program**, students will select six General courses during Subject Selection Online, with at least one course from List A and one from List B, plus one or two Certificate courses. *Please refer to page 7 for the course list.*

English is compulsory to achieve WACE and a Mathematics course is strongly recommended.

To undertake the **Industry Links program**, students will select the Industry Links pathway during Subject Selection Online and select General courses as a backup if the Industry Links application is unsuccessful.

Once all applications have been processed, students will attend an interview, during which their vocational preference will be discussed, and applications will be submitted for compulsory training with either a TAFE, RTO or a Traineeship.

Workplace Learning is also a compulsory component of the Industry Links program and is sourced by the student and their carers.

## INDUSTRY LINKS

- ✓ C grade average, 90% attendance and good standing in Year 10
- 💰 \$435 per year
- 💰 RTO's require an upfront fee to be paid. Safety Bay Senior High School will subsidise 50% of course cost up to a maximum of \$1500
- 📅 2 years



## TAFE's

Students will have the opportunity to choose from over 50 TAFE courses that will introduce them to a trade or occupation of their choice whilst working towards a full qualification. Delivered by both North and South Metropolitan TAFE campuses, these courses run over 1-2 years.

## RTO's

Registered Training Organisations (RTOs) deliver nationally recognised training in the VET sector. RTOs are the only organisations in the Australian VET system authorised to:

- deliver and assess nationally recognised training
- issue nationally recognised qualifications and statements of attainment
- apply for government funding to provide VET services.

## School Based Traineeships

A school based traineeship allows students to start a traineeship while also completing WACE. Students will be both a full-time student and a part-time employee with the same employment and training responsibilities as other trainees.

Students will be paid for the time they are in the workplace. Often, traineeships can lead to full-time employment.

**SCHOOL  
BASED VET  
PROGRAM**

**5 DAYS AT  
SCHOOL**

**MIX OF GENERAL AND  
CERTIFICATE COURSES**

**INDUSTRY  
LINKS  
PROGRAM**

**3 DAYS AT  
SCHOOL +**

**1 DAY AT TAFE/RTO/  
SCHOOL BASED  
TRAINEESHIPS**

**+ 1 DAY AT  
WORKPLACE  
LEARNING**

# Biology

🌐 Science

✔️ Minimum B grade in Year 10 Science or HOLA approval. Minimum C grade in Year 10 English

💰 \$75 + cost of textbook (approximately \$90)

## Why study this?

Studying the Biology ATAR course promotes a unique appreciation of life and a better understanding of the living world. This course encourages students to be analytical, participate in problem-solving and systematically explore fascinating aspects of living systems, from the microscopic level through to ecosystems. Students develop a range of practical skills and techniques through investigations and fieldwork in authentic contexts, such as marine reefs, endangered species, urban ecology, or biotechnology. Scientific evidence is used to make informed decisions about controversial issues.

### Areas of Study

Students will gain an understanding of Biology including:

- Describing biodiversity
- Ecosystem dynamics
- Cells as the basis of life
- Multicellular organisms
- Heredity
- Continuity of life on Earth
- Homeostasis
- Infectious disease

### Assessment

Students will be required to demonstrate their understanding of the content by completing experimental testing and analysis of data. They will have extended responses, topic tests, and as part of the assessment schedule, will be required to complete examinations.

### Career Opportunities


Fisheries and Wildlife, Environmental Education, Botany, Conservation, Research Assisting

Veterinary Science, Zoology, Biotechnology, Ecology, Environmental Consulting, Forensic Science



# Business Management & Enterprise

 Humanities and Social Sciences

 Minimum B grade in Year 10 English and Humanities and Social Sciences

 \$75

## Why study this?

We know that businesses are complex organisations requiring people with vision, who are resourceful and have initiative. Students will be able to understand the vital role business plays in the global markets and how it impacts both individuals and society at large.

### Areas of Study

### Assessment

### Career Opportunities

Students will be equipped with the skills to act responsibly in the energetic world of business including:

- Exploring how businesses operate at a national and global level
- Developing skills in the day-to-day business cycle
- Developing business management strategies
- Looking at what drives business growth and potential challenges
- Developing business solutions


Students will complete a variety of assessments throughout the year including business research, analysis of different business situations and issues as well as end of semester examinations.

Customer Relations, Human Resources, Administration, Event Management

Business Systems Analyst, Economist, Financial Analyst, Financial Planning Adviser, Management Consultant, Accounting, Business, Management, Commerce, Marketing, Business Law

# Chemistry

 Science

 Minimum B grade in Year 10 Science or HOLA approval. Minimum C grade in Year 10 English

 \$75+ cost of textbook/equipment requirements approximately \$150

## Why study this?

Studying ATAR Chemistry will equip students with the knowledge, understanding and opportunity to investigate properties and reactions of materials. Theories and models are used to describe, explain and make predictions about chemical systems, structures and properties. Students will recognise hazards and make informed, balanced decisions about chemical use and sustainable resource management. Investigations and laboratory activities develop an appreciation of the need for precision, critical analysis and informed decision making.

### Areas of Study

### Assessment

### Career Opportunities




Students will gain a background in Chemistry including:

- Properties and structure of atoms and materials
- Chemical reactions, rate of reactions and energy change
- Organic chemistry
- Gases
- Acids and bases
- Equilibrium
- Redox reactions
- Chemical synthesis

Students will demonstrate their knowledge and understandings through processing and analysing data through extensive experimental testing, selecting and integrating science models and theories to explain phenomena and practical science inquiry investigations.

Pharmacy, Laboratory Technology, Forensic Science, Environmental Science, Engineering, Agriculture, Laboratory Science, Anaesthesiology, Nutrition

# Engineering Studies - Mechanical

-  Technologies
-  Minimum B grade in Mathematics and English
-  \$180

## Why study this?

Engineers are involved in designing, manufacturing, and maintaining a diverse range of products and infrastructure that are integral to the functioning of society, business, and industry. They rely strongly on their creativity and problem solving to turn ideas into reality by applying lateral thinking and mathematical and scientific principles to develop solutions to problems, needs and opportunities. The Mechanical Engineering ATAR course revolves around both the Electric Vehicle Challenge, which creates the opportunity for students to design and build a car to compete in the interschool event at the end of the year.

Areas of Study	Assessment	Career Opportunities
<ul style="list-style-type: none"><li>• Engineering design process</li><li>• Materials</li><li>• Fundamental engineering calculations</li><li>• Engineering in society</li><li>• Statistics</li><li>• Dynamics</li><li>• Mechanisms</li></ul>	<p>Students will be assessed using a range of methods which include summative, formative, informal and formal assessment practices and exams. Students will compete related design aspects for the production of their projects alongside a variety of assessment tasks.</p>	<p>Computer Aided Drawing - 2D/3D Design, Engineering, Manufacturing, Fabrication, Technologies</p>

# English

🌐 English

✔️ Minimum B grade in Year 10 English or HOLA approval

💰 \$90

## Why study this?

The English ATAR course is focused on developing students' analytical, creative and critical thinking and communication skills in all language modes including writing, reading, viewing, speaking and listening. Students are encouraged to engage with texts from their contemporary world, with texts from the past and with texts from Australian and other cultures. Such engagement helps students develop a sense of self, their world and their place.

### Areas of Study

Students will develop their:

- skills in listening, speaking, reading, viewing and writing
- capacity to create texts for a range of purposes, audiences and contexts
- understanding of different uses of language
- appreciation and creation of sustained interpretive, persuasive and imaginative texts in a range of modes
- engagement in critical analysis and reflection.

### Assessment

Students will be required to demonstrate their knowledge and understandings through analytical and imaginative writing, discussion, multimodal and oral presentation. As part of the assessment schedule, students will be required to complete examinations.

***Students will be required to read extensively to achieve success in this course.***

### Career Opportunities

Author, Education, Journalism, Communications

**English is required for direct entry to Undergraduate University courses**

# Human Biology

 Science

 Minimum B grade in Year 10 Science or HOLA approval. Minimum C grade in Year 10 English

 \$75+ cost of textbook/equipment requirements approximately \$90

## Why study this?

Human Biology covers a wide range of ideas relating to the functioning human. Students will learn about themselves, relating structure to function and how this allows them to survive in a changing environment. Students will develop their understanding of the evolving nature of scientific knowledge and the ways in which such knowledge is obtained through scientific investigations.

### Areas of Study

Students will learn how human beings function including:

- Human evolution
- Biotechnology
- Cells structure and function
- Body systems
- DNA
- Reproduction
- Inheritance

### Assessment

Students will demonstrate your knowledge and understandings through practical science inquiry investigations, extended responses, topic tests and exams.

### Career Opportunities

Nursing, Bioscience, Childcare, Aged Care, Community Health, Education, Paramedicine, Medicine, Pathology, Radiology, Urology, Dermatology, Midwifery, Immunology

# Mathematics - Applications

🌐 Mathematics

✔️ Minimum B grade in Year 10 Pre-ATAR Maths or HOLA approval

💰 \$70 + \$350 text book and calculator

## Why study this?

The Mathematics Application course focuses on the use of Mathematics to solve problems including financial modelling, geometric and trigonometry analysis, graphical and network analysis, and growth and decay in sequences. It also provides opportunities for students to develop systematic strategies based on the statistical investigation process for answering statistical questions that involve analysing univariate and bivariate data, including time series data.

### Areas of Study

Students will learn about the application of mathematics including:

- Consumer arithmetic
- Algebra
- Matrices
- Shape and measurement
- Univariate data analysis
- Applications of trigonometry
- Linear equations and their graphs

### Assessment

Students will demonstrate their knowledge and understandings through investigations, tests and exams.

Students are required to purchase a text book and graphics calculator to complete the course.

### Career Opportunities

Scientist, Statistics, Accounting, Business, Engineering, Physical Sciences, Mathematics

# Mathematics - Methods

- 🌐 Mathematics
- ✅ A grade in Year 10 Pre-ATAR Maths
- 💰 \$70 + \$350 text book and calculator

## Why study this?

The Mathematics Methods course focuses on the use of calculus and statistical analysis. The study of calculus provides a basis for understanding rates of change in the physical world and includes the use of fractions, their derivatives and integrals, in modelling physical processes. The study of statistics develops students' ability to describe and analyse phenomena that involve uncertainty and variation.

### Areas of Study

Students will learn the basics of calculus and statistical analysis including:

- Functions and their graphs
- Trigonometric functions
- Counting and probability
- Exponential functions
- Arithmetic and geometric sequences and series
- Differential calculus

### Assessment

Students will demonstrate their knowledge and understandings through investigations, tests and exams.

Students are required to purchase a text book and graphics calculator to complete the course.

### Career Opportunities

Scientist, Statistics, Accounting, Business, Engineering, Physical Sciences, Mathematics

# Modern History

🌐 Humanities and Social Sciences

✔️ Minimum B grade in Year 10 English and Humanities and Social Sciences

💰 \$70

## Why study this?

The Modern History ATAR course allows students to study the forces that have shaped today's world and provides them with a broader and deeper comprehension of the world in which we live. While the focus is on the 20th century, the course refers back to formative changes from the early 20th century onwards, and encourages students to make connections with the changing world of the 21st century.

### Areas of Study

Students will learn about some of the defining moments of the past century including:

- Capitalism - The American Experience 1907-1941
- Nazism in Germany
- Russia and the Soviet Union 1914-1945 (World War I to end of World War II)
- The changing European World since 1945

### Assessment

Students will demonstrate their knowledge and understandings through historical inquiry, essays, source analysis and examinations.

### Career Opportunities

Museum Guide, Writer, Paralegal, Administration Officer, Community Services, Education, Tourism, History, Journalism, Politics, Public Relations



# Physical Education Studies

- 🌐 Health and Physical Education
- ✔️ Minimum B grade in Year 10 Physical Education, B grade in Science and C grade in English or HOLA approval
- 💰 \$110

## Why study this?

The Physical Education ATAR course contributes to the development of students' physical, social and emotional growth. Students will learn about physiological, psychological and bio-mechanical principles and apply these to analyse and improve personal and group performance in physical activities.

### Areas of Study

Students will learn about how the body responds to physical activity including:

- Anatomical and bio-mechanical concepts
- Stress management
- Developing physical skills
- Motor learning and coaching
- Exercise physiology

### Assessment

Students will demonstrate their knowledge and understandings through the completion of practical performances, investigations, tests and exams.

### Career Opportunities

Sport and Recreation, Youth Work, Public Health, Medicine, Physiotherapy, Sport Science, Community Services, Education, Personal Training, Strength and Conditioning, Nutrition

# Physics

🌐 Science

✔️ Minimum B grade in Year 10 Science and Year 10 Pre-ATAR Mathematics or HOLA approval, Minimum C grade in Year 10 English  
(It is recommended that students choosing ATAR Physics also study Mathematics Methods due to the high level of Mathematics in this course)

💰 \$75 + textbook/equipment requirements (approximately \$150)

## Why study this?

Physics is a fundamental science that endeavours to explain all the natural phenomena that occur in the universe. It's power lies in the use of a comparatively small number of assumptions, models, laws and theories to explain a wide range of phenomena, from the incredibly small to the incredibly large. Physics has helped to unlock the mysteries of the universe and provides the foundation of understanding upon which modern technology and all other sciences are based.

### Areas of Study

### Assessment

### Career Opportunities

Students will learn key concepts of Physics including:

- Heating processes
- Gravity and motion
- Quantum theory
- Ionising radiation and nuclear reactions
- Electrical circuits
- Linear motion and force
- Waves

Students will display their understanding of the content in each of the topics across all the units. This will occur in a variety of assessment tasks such as topic tests, extended responses and practical science inquiry investigations.

Physics, Engineering, Sciences

# Politics and Law

- 🌐 Humanities and Social Sciences
- ✔️ Minimum B grade in Year 10 HASS or HASS HOLA Approval
- 💰 \$70 + \$350 text book and calculator

## Why study this?

The Politics and Law ATAR course is a study of the processes of decision making concerning society's collective future. The study of politics examines the structures and processes through which individuals and groups with different interests, beliefs and goals, deliberate and negotiate in order to make choices, respond to changing circumstances and enact laws. The study of law examines the system of laws governing the conduct of the people of a community, society or nation, in response to the need for regularity, consistency and justice based upon collective human experience.

Areas of Study	Assessment	Career Opportunities
<p>Students will develop a sense of identity, and a sense of political, legal, cultural and social awareness through units such as:</p> <ul style="list-style-type: none"><li>• Democracy and the rule of law</li><li>• Representation and justice</li><li>• Political and legal power</li><li>• Accountability and rights</li></ul>	<p>Students will demonstrate their knowledge and understandings through investigations, short answers, essays, source analysis and examinations.</p>	<p>Prison Officer, Court Officer, Law Clerk, Administration Officer</p> <p>Judge's Associate, Journalism, Law Enforcement, Solicitor/Barrister, Education, Human Resources, International Relations/Foreign Affairs, Politics, Social Work</p>

# GENIE

## Ancient History

🌐 Humanities and Social Sciences

✓ None

💰 \$70

### Why study this?

The study of Ancient History provides an opportunity for students to study people from cultures and communities that no longer exist, and investigate how these communities responded to the problems and challenges of their time. The Ancient History General course enables students to develop skills in critical thinking and analysis. Encouraging comparison and contrast of information, detecting inconsistencies in details, recognising the manipulation of evidence, identifying perspective in the presentation of graphic and textual material. Evaluating the accuracy and reliability of sources.

### Areas of Study

- Cities of Vesuvius-Pompeii and Herculaneum
- Hatshepsut (Egypt), Julius Caesar (Rome), Alexander the Great (Greece)
- Rome, from the Late Republic to the Lex Manilia c. 133 - 66 BC
- Egypt, Dynastic struggles and Empire, Tuthmosis II, Tuthmosis III and Hatshepsut c. 1492 - 1425 BC

### Assessment

Students will demonstrate their knowledge and understanding through analytical and imaginative writing, discussion, multimodal and oral presentations. As part of the Year 12 Assessment Schedule, students will be required to complete an Externally Set Task under test conditions.

### Career Opportunities

Politician, Writer, Museum Guide, Administration Officer

Tourism, History, Journalism, Archeology, Museum Curation

# Applied Information Technology

🌐 Technologies

✅ None

💰 \$105

## Why study this?

Digital Technologies impact on almost all aspects of our life and have changed how people interact and exchange information. These rapid changes have created new challenges and opportunities in how we are entertained, educated and the way we do business.

### Areas of Study

Students will gain an understanding of computer systems and networks, as well as looking at the impacts of different technological solutions including:

- Design fundamentals
- Project management
- Troubleshooting computer hardware issues
- Design, set up and troubleshooting of networks
- Design, develop and marketing of interactive apps
- Design, program and developing software and hardware applications

### Assessment

Students will be required to demonstrate their knowledge of Applied Information Technology through project work, short and extended answer questions.

### Career Opportunities

Website Development, Office Support, Networking Support

General IT Multimedia and Games, Networking & Security, Website & Software Development, Digital Media & Technology, Information Technology, Creative Media - Games Art & Design, Computer Science

# GENE

## Biology

 Science

 None

 \$75

### Why study this?

The ever evolving field of Biology has expanded our understanding of the world from Darwin's Theory of Evolution to the latest research in genetics and DNA. Investigation of biological systems from cellular processes to entire ecosystem dynamics allows us to explore and explain everyday observations, and find solutions to many problems in society.

#### Areas of Study

Students will get the opportunity to investigate and answer questions about the living world including:

- Classification of plants and animals
- Learning how organisms function, reproduce and adapt
- Learning about genetics including inheritance and change
- Learning about cell processes
- Studying local ecosystems and biodiversity

#### Assessment

Students will complete a variety of assessments throughout the year including topic tests, extended responses and practical scientific investigations.

#### Career Opportunities

Gallery or Museum Technician, Laboratory Technician, Environmental Adviser, Veterinary Nurse, Agricultural Scientist

Animal Studies, Conservation & Land Management, Horticulture, Environmental Science, Environmental Biology, Conservation & Wildlife Biology

# Business Management & Enterprise

🌐 Humanities and Social Sciences

✅ None

💰 \$75

## Why study this?

We know that businesses are complex organisations that need people with vision who are enterprising, innovative and creative. The Business Management and Enterprise General course gives students the opportunity to understand how vital business is to individuals and society and how it impacts our lives.

Areas of Study	Assessment	Career Opportunities
<p>Students will explore how small businesses operate in Australia including:</p> <ul style="list-style-type: none"><li>• How to establish a small business</li><li>• Day-to-day operations of a small business</li><li>• Developing business management strategies</li><li>• What drives business growth and potential challenges</li><li>• How businesses operate at the national level</li><li>• Identifying business opportunities and developing innovative strategies</li></ul>	<p>Students will complete a variety of assessments throughout the year including business research, analysis of different business situations and issues, and generating innovative ideas as well as an Externally Set Task in Year 12.</p>	<p>Bookkeeper, Secretary/Personal Assistant, Office Manager, Human Resource Consultant, Sales Assistant</p> <p>Accounting, Business Management, Business Law, Marketing, Commerce</p>

# CAREER & ENTERPRISE

## Career & Enterprise

🌐 Vocational Education and Training

✓ None

💰 \$75

### Why study this?

The new reality of work means students may have multiple careers throughout their life. The Career & Enterprise General course will help students become a lifelong learner and give them the tools to navigate their future.

### Areas of Study

Students will be equipped with the skills to secure, create and sustain work including:

- Learning about changing global work patterns
- Creating a resume and career portfolio
- Job interview preparation
- Using job search tools
- Looking at how cultural and social issues affect work
- Looking at what drives business growth and potential challenges
- Learning about how businesses operate at the national level

### Assessment

Students will complete a variety of assessments throughout the year including business research, analysis of different business situations and issues as well as an Externally Set Task in Year 12.

### Career Opportunities

The job search and career development skills students will gain in this course will be invaluable for any future employment and training opportunities.



# Children, Family and the Community

 Technologies

 None

 \$120

## Why study this?

The Children, Family and the Community General course focuses on factors that influence human development and the wellbeing of individuals, families and communities. Students will examine the role and function of families for safety and security of individuals, as well as aspects of nature and nurture, maternal health, neonatal care, healthy lifestyles, and support services in the community.

### Areas of Study

- Developmental domains, theories and biological and environmental influences on growth.
- Protective and preventative strategies for growth and development.
- Types of families and the roles and responsibilities of families.
- Products and community support services available for individuals and families.
- Effective communication and conflict resolution strategies.
- The influence of social issues and stereotypes on individuals, families and communities.
- Ethical and legal awareness, rights and responsibilities.

### Assessment

Students will demonstrate their knowledge and understanding through investigations, production tasks and in-depth responses.

### Career Opportunities

Education, Nursing, Community Services, Childcare, Health

# Dance

 The Arts

 C grade minimum in Year 10 Cheer-Dance or audition is required

 \$150

## Why study this?

Completing the Dance General course will expand students' skills in a range of genres and rehearsal techniques and provide the opportunity to perform on stage in front of a live audience in a professional setting. Students will experience personal achievement through expressing and challenging themselves physically. As a physical art form, dance offers a creative outlet and a chance to extend and improve creativity.

Areas of Study	Assessment	Career Opportunities
<p>Students will gain a range of creative dance skills including:</p> <ul style="list-style-type: none"><li>• Contemporary/lyrical dance</li><li>• Improvisation</li><li>• Two other genres of dance</li><li>• History of dance/dance works</li><li>• Artistic expression</li><li>• Student choreography</li><li>• Experiential anatomy</li><li>• Strength/flexibility</li><li>• Coordination and rhythmic understanding</li></ul>	<p>Students will demonstrate their knowledge and understanding through practical assessments including composition and Dance performance. Students will also carry out critical reviews and provide responses.</p>	<p>Dance Teacher (Studio), Fitness Coach, Physical Education</p>

# Design - Photography

 The Arts

 None

 \$147

## Why study this?

The Design Photography General course aims to facilitate a deeper understanding of the role of design and how ideas, values, beliefs, attitude and information are effectively communicated to audiences in the context of photography in both printed and digital media.

### Areas of Study

- Design fundamentals
- Photography using a DSLR camera
- Codes, conventions, and composition
- Studio lighting techniques
- Downloading, saving and uploading documents from websites
- Visual communication skills and techniques
- Design elements and principles
- Computing skills including creating, saving and editing in applications such as Microsoft Office
- Digital manipulation for various purposes (digital and print) using Adobe CreativeSuite

### Assessment

Students will demonstrate knowledge and understandings through a comprehensive folio for each product, short and extended responses, reflections and self-evaluations. An exhibition of work will be held bi-annually in June and December.

### Career Opportunities

Graphic Design, Photography, Photo Imaging, Digital Design, Advertising Design, Sales & Marketing

# Engineering Studies - Mechanical

 Technologies

 None

 \$180

## Why study this?

Engineers are involved in the design, manufacture and maintenance of a diverse range of products and infrastructure integral to the functioning of society, business and industry. They rely strongly on their creativity and problem solving to turn ideas into reality by applying lateral thinking and mathematical and scientific principles, to develop solutions to problems, needs and opportunities. The Engineering Studies General course provides opportunities for students to investigate, research and present information, design and make products and undertake project development. These opportunities allow students to apply engineering processes, understand underpinning scientific and mathematical principles, develop engineering technology skills and explore the interrelationships between engineering and society.

Areas of Study	Assessment	Career Opportunities
<ul style="list-style-type: none"><li>• Engineering design process</li><li>• Materials</li><li>• Fundamental engineering calculations</li><li>• Engineering in society</li><li>• Statics</li><li>• Dynamics</li><li>• Mechanisms</li></ul>	<p>Students will be assessed using a range of methods which include summative, formative, informal and formal assessment practices. Students will complete related design aspects for the production of their projects alongside a variety of assessment tasks.</p>	<p>Construction, Interior Design, Decoration, Production &amp; Design, Interior Architecture Technician, Trades Assistant, General Labourer</p> <p>Computer Aided Drawing - 2D/3D Design, Engineering Trades, Manufacturing and Fabrication</p>

# English

🌐 English

✓ None

💰 \$90

## Why study this?

The study of English is compulsory and central to the learning and development of all young Australians. It helps create confident communicators, imaginative thinkers and informed citizens. Through the study of English, students learn to analyse, understand, communicate and build relationships with others and with the world around them. English plays a key role in the development of reading and literacy skills which help students develop the knowledge and skills needed for education, training and the workplace.

### Areas of Study

Students will develop:

- skills in speaking, listening, reading, viewing and writing
- capacity to create texts for a range of purposes, audiences and contexts
- understanding of different uses of language
- capacity to use and apply language and information effectively in a variety of contexts
- understanding of text structure, stylistic feature and register

### Assessment

Students will demonstrate their knowledge and understandings through analytical and imaginative writing, discussion, multimodal and oral presentation. As part of the Year 12 Assessment Schedule, students will be required to complete an Externally Set Task under test conditions.

### Career Opportunities

Good oral and written communication skills are needed for all types of employment.

**A satisfactory English grade is required for entry to post-high school TAFE courses and alternate pathways to university.**

# GENE

## Food Science and Technology

 Technologies

 None

 \$200

### Why study this?

Food impacts every aspect of daily life and is essential for maintaining overall health and wellbeing. The application of science and technology plays an important role in understanding how the properties of food are used to meet the needs of consumers and producers. Students develop practical food-related skills, understandings and attitudes that enhance their problem solving abilities and decision making skills.

### Areas of Study

### Assessment

### Career Opportunities

Students will gain practical skills in the kitchen including:

- Appreciation of food
- Physical and sensory properties of food
- Nutrition, food-labelling and diet related needs
- Mise en Place and precision cutting skills
- Preparation, cooking and presentation of food
- Interpreting recipes and adapting them
- Factors and impacts of food choices

Students will demonstrate their knowledge and understanding through investigations, food preparation and in-depth responses.

Waitperson, Housekeeping Chef, Food Processing, Kitchen Hand, Hospitality & Tourism Management, Commercial Cookery, Nutrition & Dietetics, Food Science

# Health Studies

- 🌐 Health and Physical Education
- ✅ None
- 💰 \$70

## Why study this?

The Health Studies General course will explore health as a dynamic quality of life. Students will consider the way in which beliefs and attitudes influence health decisions and learn how to plan and take action that will promote their own health and the health of others. They will examine the impact of social and environmental factors on health and use inquiry skills to investigate and respond to relevant issues.

### Areas of Study

Students will improve their knowledge of health and wellbeing including:

- Relationship between beliefs, attitudes, values and health behaviours
- Social and cultural norms
- Factors that influence personal health
- Prevention

### Assessment

Students will demonstrate their knowledge and understandings through investigative reports and written reports. As part of the Year 12 Assessment Schedule, students will be required to complete an Externally Set Task under test conditions.

### Career Opportunities

Health Promotion, Health Research, Community Healthcare, Health Sciences, Nursing, Social Work

# GENE

## Human Biology

 Science

 None

 \$75

### Why study this?

In the Human Biology General course, students will learn about human anatomy, relating the structure of the different body systems to their function and understanding the interdependence of these systems in maintaining life. Students will study reproduction, growth and development of the unborn baby and the effects of lifestyle choices. They will explore the coordination of the musculoskeletal, nervous and endocrine systems as well as the transmission of diseases and the responses of the human immune system. Students will also research new discoveries that help increase our understanding of the causes and spread of disease in a modern world.

### Areas of Study

### Assessment

### Career Opportunities

Students will gain an understanding of Human Biology including:

- Characteristics of life
- Body organisation
- Body systems; respiratory, musculoskeletal and circulatory
- Diet and Nutrition
- Genetics
- Pregnancy and reproduction
- Diseases, immunology and global health

There is a focus on demonstrating practical skills and science inquiries. Students will be required to demonstrate their understanding of the content by completing experimental testing and analysis of data. Students will also have extended responses and topic tests.

Childcare, Youth Work, Research Assisting  
  
Nursing, Aged Care, Community Health, Education, Paramedicine, Medicine, Physiotherapy, Radiology, Pathology, Immunology, Midwifery



# Materials Design & Technology - Wood

 Technologies

 None

 \$180

## Why study this?

Using a range of technologies, materials, tools and processes, students will plan, develop and construct their own quality projects. Students will also gain an awareness of how workers in today's Woodworking Industry need to have an awareness of sustainability and meet community and environmental responsibilities.

### Areas of Study

Students will develop and practise highly transferable skills that will help them pursue a career in a wide range of trades and services:

- Reading, interpreting and producing hand drawn diagrams including 3D sketching
- Computer aided design
- Cabinetry, including planning, manufacture and fitting
- Timber joinery
- Furniture making
- Integrating metals and plastics
- Interior and exterior product design

### Assessment

Students will do small workshop exercises, sketches and research which will enable them to design and produce two major products each year.

### Career Opportunities

Trades Assistant, General Labourer, Furniture and Hardware Sales, Cabinet Maker, Commercial Interior Fitter, Furniture Craftsperson

Carpentry & Joinery, Construction, Interior Design, Decoration, Production & Design, Interior Architecture

# Mathematics - Essential

 Mathematics

 None

 \$85

## Why study this?

The Mathematics Essential General course focuses on using mathematics effectively, efficiently and critically to make informed decisions. It provides students with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings. This course provides the opportunity to prepare students for post-school options of employment and further training.

### Areas of Study

Students will learn practical mathematics skills including:

- Basic calculations, percentages and rates
- Using formulas for practical purposes
- Measurement
- Graphs
- Representing and comparing data
- Rates and ratios
- Time and motion

### Assessment

Students will demonstrate their knowledge and understandings through practical applications, projects, statistical analysis and tests. Students will be provided a textbook in class, however, it is recommended students purchase their own textbook for studying at home. Students need to purchase a Scientific Calculator to complete the course.

### Career Opportunities

Customer Service, Apprenticeship, Sales

# Modern History

🌐 Humanities and Social Sciences

✓ None

💰 \$70

## Why study this?

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

### Areas of Study

Students will learn about some of the defining moments of the past century including:

- People, place and time (Nicholas II, Charles Perkins, Eddie Mabo or Nelson Mandela)
- Power and authority (Tokugawa Japan or Communist Russia)
- Societies and change (Australia, The Meiji Restoration, or the USA between the wars)
- Historical movements (Nazism in Germany or the Civil Rights movement in the USA 1941-1971)

### Assessment


Students will demonstrate their knowledge and understanding through analytical and imaginative writing, discussion, multimodal and oral presentation. As part of the Year 12 Assessment Schedule, students will be required to complete an Externally Set Task under test conditions.

### Career Opportunities

Museum Guide, Journalist, Politician, Writer, Administration Officer

Community Services, Education, Tourism, History, Journalism, Politics, Public Relations

# Physical Education Studies

 Health and Physical Education

 None

 \$110

## Why study this?

Physical Education contributes to the development of students' physical, social and emotional growth. The Physical Education Studies General course provides students with opportunities to understand and improve performance through the integration of theoretical concepts and practical activities.

### Areas of Study

Students will learn how the body responds to physical activity including:

- Anatomical, physiological and practical factors associated with performance
- Impact of physical activity on the body's anatomical and physiological systems
- Improving team performance

### Assessment


Students will demonstrate their knowledge and understandings through practical performances, investigations, reports and written exams.

### Career Opportunities

Sport and Recreation, Youth Work, Health Care, Sport Science, Community Services, Education, Physiotherapy, Strength and Conditioning

# Psychology

 Science

 None

 \$60

## Why study this?

Psychology is the scientific study of how people think, feel and act. It aims to answer important questions such as what factors influence human development. Psychology is rigorous in its use of scientific method, allowing for systematic exploration into the complexities of human behaviour based on evidence gathered through planned investigations. This course is designed to integrate the understanding and application of both scientific principles and the acquisition of psychological knowledge.

### Areas of Study

Students will gain an understanding of Psychology including:

- Personality
- Cognition and theories of intelligence
- Relationships and influences of media
- Communication and research methods
- Bases of behaviour

### Assessment

Students will be required to demonstrate their understanding of the content by completing investigations, responding to case studies, including completing tests and project based work.

### Career Opportunities

Childcare, Youth Work, Welfare Officer, Human resources, Research assistant

Health Promotion, Psychology, Welfare, Sleep Science, Human Resources

# Visual Art

-  The Arts
- None
-  \$117

## Why study this?

The Visual Arts General course will help students learn to investigate, observe and analyse the visual world. Students will be given the opportunity to express creative ideas and experiment with a wide range of materials and techniques while making and presenting your own artworks. Through engagement in their own art practice, students will develop the creative thinking and problem solving skills necessary for future work and life.

### Areas of Study

Students will develop artistic skills in a variety of media including:

- Drawing
- Printmaking
- Painting and mixed media

### Assessment

Students will demonstrate understanding within two units, experiences and explorations. They will create a folio of work that will inform final artwork. The course will consist of 70% making, 30% responding. Both units are worth 50% of their final grade.

### Career Opportunities

Advertising, Marketing, Graphic Design, Illustration, Artist, Fine Arts/Visual Arts, Design, Architecture, Animation, Art Therapy, Interior Design, Fashion Design

# RAI



# Career & Enterprise - Foundation

 Vocational Education and Training

 None

 \$75

## Why study this?

The new reality of work means students may have multiple careers throughout their life. The Career & Enterprise Foundation course will help students become a lifelong learner and give them the tools to navigate their future whilst developing their literacy and numeracy skills.

### Areas of Study

### Assessment

### Career Opportunities

Students will be equipped with the skills to secure, create and sustain work including:


- Learning about Work Health and Safety
- Creating a resume and career portfolio
- Job interview preparation
- Using job search tools
- Looking at technology in the workplace
- Working as part of a team
- Learning about rights and responsibilities in the workplace

Students will complete a variety of assessments throughout the year including career research, analysis of different business situations and issues as well as an Externally Set Task in Year 12.

The job search and career development skills students will gain in this course will be invaluable for any future employment and training opportunities



# English - Foundation

 English

 None

 \$90

## Why study this?

The study of English is compulsory and central to the learning and development of all young Australians. It helps create confident communicators, imaginative thinkers and informed citizens. Foundation English is for students who have not demonstrated the literacy standard in the OLNA. Students who study Foundation English have the opportunity to demonstrate an improvement in English literacy, defined broadly to include reading ability, verbal/spoken, written, and visual literacy. Sound literacy skills are required for comprehending and producing texts; for communicating effectively in a learning or working environment, within a community or for self-reflection; and for establishing one's sense of individual worth.

### Areas of Study

Students will develop:

- opportunities to practise their skills with functional literacy, especially spelling, punctuation and grammar
- skills in reading (understanding, comprehending, interpreting, analysing) texts for work, learning, community and everyday personal contexts
- skills in producing (constructing, creating, writing) texts for work, learning, community and everyday personal contexts
- skills in speaking and listening for work, learning, community and everyday personal contexts.

### Assessment

Students will demonstrate their skills, knowledge and understanding through analytical and imaginative writing, discussion, multimodal and oral presentation. As part of the Year 12 Assessment Schedule, students will be required to complete an Externally Set Task under test conditions.

### Career Opportunities

Competent oral and written communication skills are needed for all types of employment and for enhancing one's sense of self-worth.

Achieving the minimum literacy standard in the OLNA will contribute to WACE achievement.

# FOUND

## Mathematics - Foundation

 Mathematics

 None

 \$85

### Why study this?

Mathematics Foundation is a course which focuses on building the capacity, confidence and disposition to use mathematics to meet the numeracy standard for the WACE. It provides students with the knowledge, skills and understanding to solve problems across a range of contexts, including personal, community and workplace/employment. This course provides the opportunity for students to prepare for post-school options of employment and further training.

### Areas of Study

The level of complexity of mathematical information to which the above numeracy skills are applied is outlined below:

- Whole numbers and familiar or routine fractions, decimals and percentages
- Dates and time, including 24 hour times
- Familiar and routine 2D and 3D shapes, including pyramids and cylinders
- Familiar and routine length, mass, volume/capacity, temperature and simple area measures
- Familiar and routine maps and plans
- Familiar and routine data, tables, graphs and charts, and common chance events.

### Assessment

Response: Students respond to ongoing assessment using their knowledge of mathematical skills, content, terminology and procedures of the course.

Practical applications: Students are required to practically apply mathematics understandings and skills through using the mathematical thinking process to develop solutions or arrive at conclusions to real world tasks.

### Career Opportunities

Competent to practically apply mathematics understandings and skills through using the mathematical thinking process needed for all types of employment and for enhancing one's sense of self-worth.

Achieving the minimum literacy standard in the OLNA will contribute to WACE achievement.

# EDUCATION



# CERTIFICATE

## Cert II in Workplace Skills/Cert III in Business (Dual)

 IVet Institute 40548

**BSB20120/BSB30120**

 None

 \$95 per year (included in Industry Links fees)

 2 years



### Why study this?

This qualification helps develop the necessary skills in preparation for work in a variety of entry level Business Services roles. Usually working under direct supervision, this may include a range of basic procedural, clerical, administrative or operational tasks that require self-management and technology skills.

#### Areas of Study

Students will gain practical customer service and business skills including:

- Planning and preparation
- Prioritisation and time management
- Teamwork and workplace etiquette
- Effective work habits
- Common digital technologies and business applications
- Communication skills
- Critical thinking

#### Assessment

Students will complete a variety of assessments throughout the year including reports, group tasks, portfolios, presentations and case studies. There are 10 units that will need to be completed over two years to attain the certificate. A number of attempts to show evidence of competency for each of the units.

#### Career Opportunities

Secretary, Administration, Banking, Sales Assistant, Accounting, Bookkeeping, Business, Marketing, Commerce

# CATE

## Cert II in Creative Industries - Media

 North Metropolitan TAFE 52786

CUA20220

 None

 \$115 per year

 2 years



### Why study this?

Creativity is the third top skill that employers are looking for in the workforce. This course enables students to learn key features of film and creative arts industries. Students will also further improve future employability by developing key digital skills.

#### Areas of Study

- Follow a design process
- Apply work health and safety practices
- Develop drawing skills to communicate ideas
- Develop basic prop construction skills
- Work effectively with others
- Assist with sound recordings
- Operate a digital media technology package
- Develop and apply creative arts industry knowledge
- Assist with a basic camera shoot
- Perform basic sound editing

#### Assessment

Students will work individually and in groups to complete all production stages of a film project. Students will also develop overall skills essential to content creation, film and television production.

#### Career Opportunities

Broadcasting Technician, Sound Technician, Producer, Editor, Graphic Design, Screen & Media (Film/TV), Screen & Media (Digital Media), Animation & Games Design

# CERTIFICATE

## Cert III in Information Digital Media and Technologies - Cyber Security

📍 2401

✅ None

💰 \$300 per year

📅 2 years

ICT30120



### Why study this?

Explore a world of opportunities in information technology with our comprehensive curriculum covering diverse topics, from programming to networking. Tailored to your interests, our interactive learning experience offers a wide variety of electives, such as cyber security, programming, and networking.

This certificate is your gateway to a promising career in ICT, laying the groundwork for further study and professional success. Join us and embark on an exhilarating journey towards a bright future in the ever-evolving world of technology!

### Areas of Study

Explore a diverse range of exciting areas of study within the Certificate III Information Digital Media and Technologies (Cyber Security) as you embark on your journey in information technology:

- Critical and Creative Thinking
- Information Security
- Teamwork
- Ethics and Privacy Policies:
- Programming Techniques
- Client Support
- Cyber Security Awareness

### Assessment

Skills Based Assessments will include:

- Teacher observation
- Projects
- Collaborative group work

Knowledge Based Assessments will include:


- Investigations
- Projects
- Collaborative group work

### Career Opportunities


This qualification covers various ICT roles such as animation, cloud computing, cyber awareness, digital media skills, IT support, networking, programming, systems, and web development. It requires a broad skill set including critical thinking and customer service to support technologies and clients in diverse work environments.

# CATE

## Cert IV in Preparation for Health & Nursing

 Health Science Hub 52806

52831WA

 Minimum C grades in Year 10 English and Mathematics and a pass in all OLNA categories

 Charged separately by Rockingham Senior High School

 1 year

**Only available to Year 12 students and is run at the Rockingham Senior High School Trade Training Centre every Wednesday from 8.30am until 3.40pm.**



### Why study this?

This qualification will give you a strong background in human biology, microbiology, physics, and chemistry that will help you with future studies or employment in the health sciences field.

#### Areas of Study

Students will gain practical skills and relevant background knowledge including:

- Learning how to read and use medical terms appropriately
- Learning about human anatomy and physiology
- Learning about the use of microbiology in health settings
- Using maths in a nursing and health setting
- Using the fundamentals of physics and chemistry in a health setting

#### Assessment

To attain this certificate, students will need to complete a total number of seven units in the classroom or simulated environment over one year. Textbooks are not required for this course; however, a notebook computer or tablet device is desirable as many of the resources provided are electronic.

#### Career Opportunities

Enrolled Nurse, Aged Care Worker, Registered Nurse

# CERTIFICATE

## Cert II in Outdoor Recreation

📍 IVet Institute 40548

SIS20419

✅ Swim 200m continuously

💰 \$200 per year

📅 2 years



### Why study this?

This nationally recognised qualification will give students the skills and knowledge to tackle the great Australian outdoors. Students will get to explore the natural environment on our doorstep with regular excursions to Point Peron, Penguin Island, and the local beaches.

### Areas of Study

### Assessment

### Career Opportunities

Students will gain practical outdoor recreation skills including:

- Bushwalking, snorkelling, and rope climbing skills
- On-road and off-road cycling
- Navigation skills
- Surf survival and self-rescue skills
- Using and maintaining overnight sites with minimal environmental impact
- Providing First Aid
- Working effectively in sport and recreation environments


Students will need to complete 11 units of competency to obtain this certificate. Assessment activities will take place in the outdoors including abseiling at the Wilyabrup sea cliffs in Margaret River, snorkelling at Rottnest Island, mountain biking on the Kalamunda Mountain Bike Trail as well as kayaking at Penguin Island and Point Peron. Please note there will be additional costs for some incursions and excursions.

Tour Guide, Park Ranger, Recreation Adviser, Physical Education Teacher, Tourism, Conservation & Land Management, Exercise & Sport Science, Outdoor Recreation



# CATE

## Cert II in Sport & Recreation

 IVet Institute 40548

SIS20122

 None

 \$110 per year

 2 years



### Why study this?

This nationally recognised qualification will help students gain leadership, organisational, administration and communication skills through a variety of tasks such as planning and implementing sport carnivals, promotional activities and coaching in selected sports. Students will also be involved in the coaching of lower school classes in a variety of sports.

#### Areas of Study

#### Assessment

#### Career Opportunities

Students will gain practical skills in the sport and recreation industry including:


- Developing and updating knowledge of coaching practices
- Responding to emergency situations
- Maintaining equipment for activities
- Providing First Aid
- Conducting basic warm-up and cool-down programs

Assessment is based on various methods including written reports and practical assessment of skills focusing on activities and practices that will enhance coaching and leadership skills. Students will also participate in a wide variety of sports and events such as Athletics Carnivals, Football, Netball, Squash, Indoor Volleyball, Tennis, Touch Rugby, Badminton and the organisation of Athletics and Lightning Carnivals.

Sports Coach, Fitness Instructor, Sports Administrator, Physical Education Teacher, Sports person, Sport & Recreation, Sport Development, Exercise & Sport Science, Sport & Recreation Management, Health & Physical Education

# CERTIFICATE

## Cert III in Sport Coaching/Cert III in Sport and Recreation (Dual) - Football

 IVet Institute 40548

SIS20513/SIS30122

 Minimum C grade in Year 10 Soccer or successful trial

 \$400 per year

 2 years



### Why study this?

This nationally recognised qualification will help students develop their skills, team play, and football knowledge to the highest level. Students will also gain practical skills in coaching, knowledge of coaching practices, response to emergencies, and base-level qualifications to work within the industry, such as Senior First Aid and beginning coaching. This qualification is nationally recognized and helps students develop their skills, teamwork abilities and knowledge of football to the highest level. The students will gain practical coaching skills, knowledge of coaching practices, and knowledge of how to respond to emergencies.

### Areas of Study

### Assessment

### Career Opportunities

Students will gain practical skills in the Football industry including:

- Developing and updating knowledge of coaching practices
- Learning and using advanced soccer skills
- Using advanced strategies and tactics
- Delivery of recreation sessions
- Workplace health and safety
- Conditioning for sport
- Officiating
- Technology in the sport, fitness and recreation industry
- Client service and working with diverse people
- First aid and responding to emergencies

Assessment is based on various methods including written reports and practical assessment of skills. There is a focus on skill acquisition, motor learning, biomechanics, and developing practical experience in coaching and refereeing. Practical application of skills and tactics will be developed throughout the Champion Schools competitions.

Sports Coach, Fitness Instructor, Sports Administrator, Physical Education Teacher, Sport & Recreation, Sport Development, Exercise & Sport Science, Sport and recreation attendant, Community activities officer, Leisure services officer

# CATE

## Cert II in Visual Arts - Photography

- 📍 2401
- ✅ None
- 💰 \$200 per year
- 📅 2 years

CUA20720



### Why study this?

Develop your creativity and passion for Photography while learning skills that can help you pursue a career in The Arts!

This course enables students to learn key skills in photography such as how to operate digital devices such as cameras, artificial light sources and editing software; we will also explore techniques in capturing, editing and displaying photographic works. Students will also further improve their future employability by developing graphic and photographic design skills.

### Areas of Study

### Assessment

### Career Opportunities

Students will gain practical production skills including:

- Develop design skills to communicate ideas
- Operate digital devices
- Develop digital imaging skills
- Store and display creative works
- Produce and prepare photo images
- Capture photographic images

- Students will complete major assessment projects from idea conception through to execution and display.
- Working within the Skills Strategy paradigm, students will achieve competencies in Photography specific units and demonstrate these skills through the production of final digital images, as well as a comprehensive response to a given brief.
- Students will participate in ongoing skill development with external providers through interaction with professionals in the Photography and Digital Imaging sphere.

Photography, Digital Artist, Image Editing, and Design.



# 2025 Year 11 Subject Selection

Student Name: .....

## Begin by Selecting Your Pathway

**ATAR**

You must select a minimum of four ATAR subjects (preferably 5).  
It is recommended you select one Certificate Course.  
You must select one English and one Maths course.

**General**

You must select a Certificate Course.  
You must select one English and one Maths subject.  
You may select one or two ATAR subjects if you meet the necessary prerequisites.

**Foundation**

You must select a Certificate Course.  
You must select one English and one Maths subject.  
You may select one or two General subjects.

**VET/  
Industry  
Links**

Places in Industry Links are strictly limited.  
Academic results and behaviour in Year 10 are reviewed before places are offered.  
If you are successful, you will be required to attend an interview to discuss your vocational preference.

## Select Your Courses

	1ST CHOICE	2ND CHOICE	RESERVE
LINE 1			
LINE 2			
LINE 3			
LINE 4			
LINE 5			
LINE 6			

# Selection Information

## Term 2

- Distribution of Course Guides
- Senior School Pathway Planning Evening - Year 10 Students & Parents
- Year 10 Course Information Session
- Year 10 Course Counselling
- Year 10 Subject Preferences - collected in class

## Term 3

- Parent/Teacher Night
- Year 10 Subject Selection Online (SSO) - completed in class
- Subject Selection Report sent home

## Charges

**All subject charges** for Year 11 and 12 courses are compulsory and should be paid by the end of Term 1 2025. For subjects with a cost of \$100 or more we request a 50% deposit to be paid by Friday 25 October 2024.

**Payment options are available for families experiencing financial hardship. Please contact the accounts office on 9528 9200 to arrange a payment plan.**

## Payment Options

- **At Accounts Office**

Cash / Cheque /  
Credit Card / EFTPOS

- **Direct Deposit**

ACCOUNT: Safety Bay Senior High  
School  
BSB: 066 040  
ACCOUNT NO: 19906686  
REFERENCE: Student name and  
purpose of deposit

- **BPoint**

[www.bpoint.com.au/bw/payments/  
SAFETYBAYSENIORHIGHSCHOOL](http://www.bpoint.com.au/bw/payments/SAFETYBAYSENIORHIGHSCHOOL)

REFERENCE: Student name and  
purpose of deposit



**Safety Bay Senior High School**

Malibu Road  
Safety Bay WA 6169

**Postal Address**

Post Office Box 6122 Waikiki WA 6169

**Phone**

08 9528 9200

**Email**

[safetybay.shs@education.wa.edu.au](mailto:safetybay.shs@education.wa.edu.au)

**Administration Hours**

8.00am - 4.00pm  
Monday - Friday (during school term)



**SAFETY BAY**  
SENIOR HIGH SCHOOL

*imagine believe achieve*