



SAFETY BAY SENIOR HIGH SCHOOL

# Senior School Course Guide

# In This Guide

<b>Introduction</b> .....	<b>1</b>	English .....	30
<b>Shape Your Future</b> .....	<b>2</b>	Food Science and Technology .....	31
<b>Academic Pathways</b> .....	<b>3</b>	HaSS in Action .....	32
<b>Obtaining Your WACE</b> .....	<b>4</b>	Health Studies .....	33
<b>Course Table</b> .....	<b>5</b>	Human Biology .....	34
<b>ATAR Pathway</b> .....	<b>6</b>	Materials Design and Technology - Wood ...	35
<b>Foundation Pathway</b> .....	<b>6</b>	Mathematics - Essentials .....	36
<b>General Pathway</b> .....	<b>7</b>	Modern History .....	37
<b>UniReady in Schools</b> .....	<b>8</b>	Physical Education Studies .....	38
<b>Alternative Enabling Programs</b> .....	<b>9</b>	Psychology .....	39
<b>Industry Links Pathway</b> .....	<b>10</b>	Visual Art .....	40
<b>ATAR</b> .....	<b>12</b>	<b>Foundation</b> .....	<b>42</b>
Ancient History .....	12	Career and Enterprise .....	42
Biology .....	13	English - Foundation .....	43
Chemistry .....	14	Mathematics - Foundation .....	44
Engineering Studies - Mechanical .....	15	<b>Certificate</b> .....	<b>46</b>
English .....	16	Cert II in Creative Industries .....	46
Human Biology .....	17	Cert II in Outdoor Recreation .....	47
Mathematics - Applications .....	18	Cert II in Sampling and Measurement .....	48
Mathematics - Methods .....	19	Cert II in Sport and Recreation .....	49
Modern History .....	20	Cert II in Sport Coaching/Cert III in *TBC*	
Physical Education Studies .....	21	(Dual) - Football .....	50
Physics .....	22	Cert II in Visual Arts - Photography .....	51
Politics and Law .....	23	Cert II in Workplace Skills/Cert III in	
<b>General</b> .....	<b>24</b>	Business (Dual Qualification) .....	52
Ancient History .....	24	Cert III in Dance .....	53
Business Management and Enterprise .....	25	Cert IV in Preparation for Health and	
Career and Employability .....	26	Nursing Studies .....	54
Children, Family, and the Community .....	27	<b>Year 11 Subject Selection</b> .....	<b>56</b>
Design - Photography .....	28	<b>Selection Information and Charges</b> .....	<b>57</b>
Engineering Studies - Mechanical .....	29		

## Key for This Guide

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

A young student with dark curly hair, wearing a dark blue polo shirt with a school crest and dark shorts, is walking on a paved path. The background shows a school building with a brick wall and a teal metal structure. The scene is brightly lit, suggesting a sunny day.

# 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 and caregivers 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 must 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;
- and expected to plan and manage their own study and revision schedule.

A student's achievement in Semester 1 of 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.



# Shape Your Future

Dear students and parents/carers,

As we embark on this important journey of planning your senior school years, I want to welcome you to the senior school course guide and encourage you to make informed choices about your future pathways. It is an exciting time for students and their families, but also a time to reflect on your school journey and think forward to life beyond Safety Bay Senior High School.

This guide is designed to provide you with the information and resources that you need to make informed decisions about your future pathways, whether that be university, TAFE, employment or entrepreneurship.

Success in your studies requires you to apply effort and to work conscientiously to master concepts that you may find difficult. By diligently applying yourself on new and challenging concepts, going beyond the comfort of what you already know, you will gain the skills to persevere, think creatively and become a master of your learning. This is referred to as a 'growth mindset'. All students have the potential to succeed if they focus their efforts, work hard and believe that a growth mindset will develop their ability to learn.

With our commitment on instilling a strong foundation for all our students, we focus on the successful completion of studies in Years 11 and 12, and understand that each student has unique strengths, interests and dreams that underpin their choice of study in senior years. To facilitate this, we have an array of pathways including ATAR, General, Foundation and VET/Industry Links, making our school a place where everyone can achieve.

We have a dedicated team of teachers, Student Services support staff and a careers practitioner who are committed to supporting you throughout your senior school journey. Please don't hesitate to reach out for guidance, advice and assistance.

Take your time to carefully review the information provided in this guide, including course descriptions, pathway options and important dates. I wish you all the best as you plan your senior school journey.

Kind Regards,  
**Jessica Halliday**  
Principal



**SAFETY BAY**  
SENIOR HIGH SCHOOL  
*imagine believe achieve*

# Academic Pathways

## FOUNDATION

## GENERAL

## ATAR

**10**

Senior School

**Compulsory Courses** (Mathematics, English, Science, Humanities, Health and Physical Education) + **Electives**

**Pre-Foundation Class + Cert II in Work Skills & Vocational Pathways**

**Compulsory Courses** (Mathematics, English, Science, Humanities, Health and Physical Education) + **Electives**

**Compulsory Courses** (Mathematics, English, Science, Humanities, Health and Physical Education) + **Electives**

**Pathfinder Program or Pre-ATAR Class**

**11**

**Foundation Pathway**  
(Foundation English, Mathematics and Careers & Enterprise)

**Industry Links Pathway**  
(General English, Mathematics, Careers & Employability, Cert II in Workplace Skills and Workplace Learning)

**General Pathway**  
(General English, General Mathematics + 3 other subjects + 1 Certificate)

**ATAR Pathway**  
(Minimum 4 ATAR Subjects [including compulsory English + Mathematics] with another 2 chosen courses - ATAR, General or Certificates)

**12**

**Foundation Pathway**  
(Foundation English, Mathematics and Careers & Enterprise)

**Industry Links Pathway**  
(General English, Mathematics, Careers & Employability, Cert III in Business and Workplace Learning)

**General Pathway**  
(continued from Year 11)

**Alternative Uni Pathways** (external)

**UniReady Program** (internal)

**ATAR Pathway**  
(Minimum 4 ATAR Subjects [including compulsory English + Mathematics] with another 2 chosen courses - ATAR, General or Certificates)

Post-School Pathway

**EMPLOYMENT**

**TAFE**

**UNIVERSITY**

# 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:

- 1 • 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:

- 2 • 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:

- 3 • 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

- 4 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

- 5 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
Ancient History	\$70	12	Biology	\$100+	13
English	\$90	16	Chemistry	\$125+	14
Modern History	\$70	20	Engineering Studies – Mechanical	\$180	15
Politics and Law	\$70+	23	Human Biology	\$75+	17
			Mathematics – Applications	\$70+	18
			Mathematics – Methods	\$70+	19
			Physical Education Studies	\$110	21
			Physics	\$80+	22

## GENERAL COURSES

LIST A	COST	PAGE	LIST B	COST	PAGE
Ancient History	\$70	24	Design – Photography	\$147	28
Business Management and Enterprise	\$70	25	Engineering Studies – Mechanical	\$180	29
Career and Employability	\$75	26	Food Science and Technology	\$220	31
Children, Family and the Community	\$120	27	Human Biology	\$90+	34
English	\$90	30	Materials Design and Technology – Wood	\$180	35
HaSS in Action	\$70	32	Mathematics – Essential	\$85	36
Health Studies	\$70	33	Physical Education Studies	\$110	38
Modern History	\$70	37	Psychology	\$70	39
Visual Art	\$125	40			

## FOUNDATION COURSES

(ALL FOUNDATION COURSES QUALIFY AS LIST A)

	COST	PAGE
Career and Enterprise	\$75	42
English	\$90	43
Mathematics	\$90	44

## CERTIFICATE COURSES

(DO NOT QUALIFY AS LIST A OR LIST B)

	COST	PAGE
Certificate II in Creative Industries (2 years)	\$115*	46
Certificate II in Outdoor Recreation (2 years)	\$200*	47
Certificate II in Sampling and Measurement (2 years)	\$115*	48
Certificate II in Sport and Recreation (2 years)	\$120*	49
Certificate II in Sport Coaching/Certificate III in *TBC* – Football (Dual Qualification – 2 years)	\$400*	50
Certificate II in Visual Arts (2 years)	\$300*	51
Certificate II in Workplace Skills/Certificate III Business (Dual Qualification – 2 years)	\$95*	52
Certificate III in Dance (2 years)	\$150*	53
Certificate IV in Preparation for Health and Nursing Studies (Year 12 Only)	!	54

## ENDORSED PROGRAMS

UniReady Program (Year 12 Only) \$230

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 private RTO [fee-for-service])

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

# 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 enrollment at any public university across Australia. In Western Australia, these are: *Curtin University, Murdoch University, Edith Cowan University (ECU), and the University of Western Australia (UWA)*. 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.

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

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

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

# 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 employment. 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 a minimum of one Vocational Education and Training (VET) Certificate II across Years 11 and 12. The remainder of their courses may be General courses.

$$\text{GENERAL COURSES} + \text{FOUNDATION COURSE/S} + \text{CERTIFICATE COURSE} = \text{WACE}$$

# 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 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.

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.

## Vocational Educational and Training (VET)

VET courses offer a broad range of post-school opportunities for students. VET students must complete at least one VET course to meet specific WACE requirements.

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

VET courses are offered in **two methods of delivery**:

- **School-based VET courses:** These are delivered within the five-period week as part of the school-timetabled course (see Certificates) and in partnership with Registered Training Organisations (RTOs). Students are enrolled with the RTO, that supports the delivery of content for the qualification. Teachers are qualified trainers and assessors in the relevant qualifications. Upon the satisfactory completion of all units of the course (UoC) and meeting all requirements, a Certificate may be awarded. If the certificate is not completed, the student will receive a Statement of Attainment for the units they have finished, which can be used for credit towards other courses or included on their resume/CV.
- **Off-campus VET courses:** are delivered externally through a Registered Training Organisation (RTO), such as South Metropolitan TAFE, where students attend one day per week for off-campus study. This pathway option is available through acceptance into our Industry Links Pathway.



# UniReady in Schools Enabling Program

## (Year 12 Only)

The Curtin University UniReady Enabling Program is now available to students at Safety Bay Senior High School as a WACE Endorsed Program. This program offers students who might not otherwise meet the minimum university entry requirements the opportunity to do so while remaining in school and achieving a WACE.

### What is UniReady?

UniReady is an alternative entry pathway run by Curtin University. Students complete 4 units, and upon successful completion, are awarded a national ATAR of 70 and English competency. This qualification provides entry into several of Curtin's minimum entry courses.

### How is UniReady in Schools different from ATAR?

UniReady students develop transferable study and communication skills essential for university. The core units focus on building students' abilities in reading, writing, and communication. The optional units introduce students to various study areas, covering both the required academic content and essential study and technical skills.

UniReady in Schools leads to a range of Curtin courses in Health Sciences, Engineering, Humanities, and Business. However, UniReady students in schools are not able to undertake the 'Mathematics for Science' unit, which means they do not meet the entry requirements for direct entry into Construction Management or some Science and Engineering courses.

To see the full list of courses, visit:

<https://www.curtin.edu.au/study/applying/pathways/uniready-enabling-program/>



### What do UniReady in Schools students study?

The program is designed to develop students' independent learning skills and prepare them for university study. Students will study two core compulsory units, as well as two optional units at a university level.

#### Core Units

- Fundamentals of Academic Writing
- Foundations of Communication

#### Optional Units

- Introduction to Commerce
- Introduction to Health Sciences



Curtin University

**4** GENERAL OR ATAR COURSES + (CERT/S OPTIONAL) + **1** ATAR (MINIMUM) + UNIREADY = WACE + 70 ATAR

# Alternative Enabling Programs (External)

There are many external alternative university pathway programs available to give students flexible options to begin or prepare for tertiary study, both during Years 11-12 and after leaving school. These opportunities help students build skills, gain credit, and explore future study options – listed below are just a few of these courses/programs available to WA students. Please note that some programs listed involve additional costs.



## TLC Learning for Tomorrow

TLC Learning for Tomorrow is a free program for domestic Year 12 students in participating Mandurah and Rockingham schools, with weekly after-school classes from 4pm (Terms 1-3) in an adult learning environment to build university-ready skills like critical thinking, research, and academic writing.



## Start Uni Now (SUN)

If you're completing Year 10 or studying in Years 11 and 12, SUN gives you the opportunity to combine your senior school study with university-level study. Choose from a range of units from our bachelor degrees, gain an authentic insight into university life, and start university early. You could be eligible for direct entry into your chosen course and credit towards your degree after completing your SUN units. This saves you some of the stress of relying heavily on your ATAR score.



Provides a pathway to enter into most undergraduate courses at ECU. The course prepares students for university-level study by teaching them the required skills for academic success, with an emphasis on the student becoming an independent learner. Students will be introduced to university life at ECU and will have access to course and career advice to assist in making informed decisions about undergraduate degree selection.



The University of Western Australia UWA+ Starter program lets Year 11-12 students complete short university 'micro-credential' courses while still at school, giving them early exposure to uni study and access to campus resources. By stacking these courses, students can gain credit towards a future degree and strengthen their pathway into UWA beyond just their ATAR.



THE UNIVERSITY OF WESTERN AUSTRALIA

## UWA+ Starter

For more information, please contact **Briana Edwards, Pathways Coordinator**, or **Matt Shields, Deputy Principal - Years 11 and 12**.

[briana.edwards@education.wa.edu.au](mailto:briana.edwards@education.wa.edu.au)

[matt.shields@education.wa.edu.au](mailto:matt.shields@education.wa.edu.au)

# Industry Links Pathway

The Industry Links Pathway is designed to equip students with job search and career development skills, along with hands-on industry experience. Through Industry Links, students will gain valuable industry knowledge and skills, creating pathways to employment or further study.

Students will complete the following subjects three days a week at school while spending the other two days gaining practical experience in their chosen industry at TAFE, an RTO, or through a school-based traineeship:

- Mathematics – Essentials (General)
  - English (General)
  - Career and Employability (General)
  - Certificate II in Workplace Skills / Certificate III in Business (Dual Qualification)
  - Certificate Qualification through TAFE VETDSS course or private RTO
  - Workplace Learning (ADWPL)
  - First Aid
  - White Card
- These are completed in Year 11 prior to starting TAFE or Workplace Learning.

## Application Process

To apply for the Industry Links program, students will **select the Industry Links Pathway during Subject Selection Online (SSO)** and choose from a selection of **General Pathway courses as a backup** in case the Industry Links application is unsuccessful.

Students who have selected Industry Links and meet the prerequisites for TAFE will attend an interview where their vocational preference will be discussed. Applications will then be submitted for compulsory training with a TAFE, RTO, or through a Traineeship/Pre-Apprenticeship.

Students **must gain acceptance into a Certification qualification (e.g. TAFE)** to be considered for the Industry Links Pathway. They will need to wait for notification of acceptance before being placed in an Industry Links class. Occasionally, this process may extend into the following year, meaning a student may initially start in the General Pathway and later transition into Industry Links.

Once accepted, students and their parents will be invited to an **evening session** to review the **Code of Conduct** and expectations for the Industry Links Pathway. As there are only two classes within this pathway, class groupings are developed in consultation with Year 10 teachers to ensure positive and effective learning environments are created.

**Workplace learning** is a compulsory component of the program, and successful students will need to find a suitable workplace to complete their required hours and skills journal. They will be given guidance and the necessary resources to help them find this placement.

## TAFE

Students will have the opportunity to choose from a wide range of TAFE courses that introduce them to a trade or occupation of their choice while working toward a full qualification. These courses are delivered by both North and South Metropolitan TAFE campuses, as well as selected private RTO Training Colleges, and typically run over 1-2 years.

## INDUSTRY LINKS

- ✔ C grade average, 80% attendance and good standing in Year 10 - competitive selection process by TAFE
- 💰 \$435 per year
- 💰 Private RTOs (fee-for-service) require an upfront payment of \$500 to secure a place in the qualification. Safety Bay Senior High School will contribute 50% of the total course cost, up to a maximum of \$1,500.
- 💰 TAFE resource fees, including uniforms, are charged separately based on the enrolled course, outlined in the commencement advice.
- 📅 1-2 years

## RTO's

Registered Training Organisations (RTOs) deliver nationally recognised training within the VET sector. They are the only organisations authorised in the Australian VET system 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 begin a traineeship while completing their WACE. Students are both full-time students and part-time employees, with the same employment and training responsibilities as other trainees. SBTs require students securing a workplace to host them for their traineeship.

Students are paid for the time they spend in the workplace, and traineeships often lead to full-time employment opportunities and/or apprenticeships.

## Authority Developed Workplace Learning (ADWPL)

- Workplace Learning is an Authority-developed endorsed program. Students in the VET Pathway program are required to complete this component.
- It is a SCSA endorsed program that provides students with up to four unit equivalents (or C grades) toward their WACE through a minimum of 55 hours.
- Students are responsible for sourcing their own workplace based on the requirements of their Certificate Course. The Workplace Learning Officer collaborates with the student and the workplace to organise the necessary paperwork and insurance.
- Students must maintain a work placement logbook and skills journal during their placement to achieve the required C grades.

INDUSTRY  
LINKS  
PROGRAM

=

3

DAYS AT  
SCHOOL

+

1 DAY AT TAFE/RTO/  
SCHOOL BASED  
TRAINEESHIPS

+

1

DAY AT  
WORKPLACE  
LEARNING

# ATAR

## Ancient History

🌐 Humanities and Social Sciences

✓ Minimum B grade in Year 10 English and Humanities and Social Sciences or HOLA approval.

💰 \$70

### Why study this?

ATAR Ancient History takes you deep into the dramatic stories of ancient civilisations—epic battles, powerful leaders, scandals, and mysteries that still shape our world today. Along the way, you'll build sharp thinking and research skills that set you up for future study, exciting careers, and a deeper understanding of how humanity works.

### Areas of Study

### Assessment

### Career Opportunities

#### Ancient Societies

Rome: Decline of the Republic

#### Investigating the Ancient World

Rome: Republic to Empire

#### Power and Authority

Egypt: From Tetisheri to Tuthmosis III

#### Reconstructing the Ancient World


Egypt: From Amenhotep II to Horemheb


Students will be assessed using a range of methods which include summative, formative, informal and formal assessment practices.

- Historian or Archaeologist
- Lawyer or Legal Assistant
- Policy Advisor or Public Servant
- Educator or Academic

# Biology

 Science

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

 \$100 + 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 environmental 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;
- and 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, hands-on investigations and validations, 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 Assistance, Veterinary Science, Zoology, Biotechnology, Ecology, Environmental Consulting, Forensic Science

# Chemistry

 Science

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

 \$125 + 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

Students will gain a background in Chemistry including:

- atomic structure and the periodic table;
- chemical bonding and structure;
- chemical reactions and energy;
- quantifying chemicals;
- intermolecular forces;
- properties of gases, water and solutions;
- acids and bases;
- reaction rates and equilibrium;
- redox and electrochemistry;
- and organic chemistry and synthesis.




### Assessment

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.

### Career Opportunities

Chemist, Laboratory Technology, Forensic Scientist, Environmental Scientist, Agriculturalist, Engineer, Laboratory Scientist, Anaesthetist, Nutritionist, Medicine

# 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. In Year 11, the Mechanical Engineering ATAR course revolves around the Electric Vehicle Challenge, which creates the opportunity for students to design and build a car to compete in the inter-school event at the end of the year. In Year 12, students design, produce and test a wind turbine.

### Areas of Study

Areas of study include:

- engineering design process;
- materials;
- fundamental engineering
- calculations;
- engineering in society;
- statistics;
- dynamics;
- and mechanisms.

### Assessment

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.

### Career Opportunities

Computer Aided Drawing - 2D/3D Design, Engineering, Manufacturing, Fabrication, Technologies

# 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 contemporary and historical texts, as well as those from Australian backgrounds and beyond. 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;
- and 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 and Mathematics



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

## Why study this?

ATAR Human Biology focuses on understanding how the human body works, how it is regulated, how it responds to disease, and how humans vary and evolve over time. Students explore the structure and function of body systems, inheritance and reproduction, and the impact of lifestyle and environment on health and wellbeing.

This course develops strong scientific thinking, data analysis and problem-solving skills through practical investigations and real-world applications. Human Biology is particularly valuable for students considering pathways in health, medicine, nursing, allied health, sport science, education and community services, and for those wanting to make informed decisions about personal and public health.

## Areas of Study

## Assessment

## Career Opportunities

Students will learn how human beings function including:

- cells and body systems;
- metabolism and enzymes;
- respiratory, circulatory and digestive systems;
- musculoskeletal system;
- reproduction;
- genetics and inheritance;
- homeostasis;
- disease and immunity;
- human variation;
- and evolution.

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

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

# ATAR

## 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;
- and 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 scientific 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;
- and 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);
- and 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 Studies 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;
- and 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.*

 \$80 + 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. Its 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

Students will learn key concepts of Physics including:

- heating processes;
- gravity and motion;
- quantum theory;
- ionising radiation and nuclear reactions;
- electrical circuits;
- motion and force;
- waves;
- and Einsteinium relativity.

### Assessment

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.

### Career Opportunities

Physics, Engineering, Sciences, Astrophysics

# Politics and Law

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

## 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

Students will develop a sense of identity and political, legal, cultural, and social awareness through units such as:

- democracy and the rule of law;
- representation and justice;
- political and legal power;
- and accountability and rights.

### Assessment

Students will demonstrate their knowledge and understandings through investigations, short answers, essays, source analysis and examinations.

### Career Opportunities

Prison Officer, Court Officer, Law Clerk, Administration Officer, Judge's Associate, Journalism, Law Enforcement, Solicitor/Barrister, Education, Human Resources, International Relations/ Foreign Affairs, Politics, Social Work

# GENE

## 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, including: 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, and 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

# Business Management and Enterprise

 Humanities and Social Sciences

 None

 \$70

## Why study this?

We know that businesses are complex organisations that need visionaries 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

Students will explore how small businesses operate in Australia including:

- how to establish a small business;
- day-to-day operations of a small business;
- developing business management strategies;
- what drives business growth and potential challenges;
- how businesses operate at the national level;
- and identifying business opportunities and developing innovative strategies.

### Assessment

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.

### Career Opportunities

Bookkeeper, Secretary/ Personal Assistant, Office Manager, Human Resource Consultant, Sales Assistant, Accountant, Business Management, Business Law, Marketing, Commerce

# CAREER

## Career and Employability

🌐 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 and Employability General course will help students become a lifelong learner and give them the tools to navigate their future.

### Areas of Study

### Assessment

### Career Opportunities

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;
- and learning about how businesses operate at the national level.

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.

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

# 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, attitudes, and information are effectively communicated to audiences. Design with the context of photography allows students to explore 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 Creative Suite


### Assessment

Students will demonstrate knowledge and understandings through a comprehensive portfolio 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

Event Photographer, Studio Photographer, Product Photographer, Photojournalist, Content Officer, Digital Design, Advertising Design, Sales and Marketing

# Engineering Studies - Mechanical

 Technologies

 None

 \$180

## Why study this?

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 engineering principles, develop engineering technology skills and explore the interrelationships between engineering and society. In Year 11, students help build an Electric Vehicle (EV) to race at the end of the year in the EV Challenge.

### Areas of Study

- Engineering design process
- Materials
- Fundamental engineering calculations
- Engineering in society
- Statics
- Dynamics
- Mechanisms


### Assessment

Students will be assessed using a range of methods that 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.

### Career Opportunities

Construction, Interior Design, Decoration, Production and Design, Interior Architecture Technician, Trades Assistant, General Labourer, Computer Aided Drawing - 2D/3D Design, Engineering Trades, Manufacturing and Fabrication

# 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-school TAFE courses and alternate pathways to university.**

# Food Science and Technology

 Technologies

 None

 \$220

## 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

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;
- and factors and impacts of food choices.

### Assessment

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

### Career Opportunities

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

# HaSS in Action

- 🌐 Humanities and Social Sciences
- ✅ None
- 💰 \$70

## Why study this?

HaSS in Action offers engaging, real-world learning that builds essential skills like critical thinking, communication, and problem-solving. It supports your WACE achievement while preparing you for further study, work, and active participation in the community.

Areas of Study	Assessment	Career Opportunities
<p><b>All Humans Have Rights</b></p> <ul style="list-style-type: none"><li>• Ongoing human rights issues</li><li>• Contemporary human rights actions</li></ul> <p><b>A Sense of Community</b></p> <ul style="list-style-type: none"><li>• Engagement with the community</li><li>• Influencing community change</li></ul> <p><b>People, Planet, Prosperity</b></p> <ul style="list-style-type: none"><li>• Industry – profit or planet?</li><li>• People and planet</li></ul> <p><b>Disruptions</b></p> <ul style="list-style-type: none"><li>• Disruptive innovations</li></ul>	<p>Students will be assessed using a range of methods which include summative, formative, informal and formal assessment practices. As part of the Year 12 assessment schedule, students will be required to complete an Externally Set Task (EST) under test conditions.</p>	<p>Community Services and Support Work; Local Government and Public Administration; Tourism and Heritage Services; and Business and Customer Service</p>

# 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;
- and 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

 \$90 + cost of textbook (approximately \$70)

### 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;
- and 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 and 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;
- and 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 and Joinery, Construction, Interior Design, Decoration, Production and 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;
- and 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

### Assessment

### Career Opportunities

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

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.

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;
- and 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
-  \$70

## 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;
- and 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
-  \$125

## Why study this?

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

### Areas of Study

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

- drawing;
- printmaking;
- painting and mixed media;
- and sculpture.

### Assessment

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

### Career Opportunities

Fine Artist, Painter, Sculptor, Curator, Education, Design and Commercial Arts, Specialised Arts (picture framer, furniture finisher), Community Art Centre Coordinator, Gallery Assistant



# Career and 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 and Enterprise - Foundation course will help students become lifelong learners and give them the tools to navigate their future whilst developing their literacy and numeracy skills.

### Areas of Study

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


### Assessment

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.

### 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

# 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. English - Foundation is for students who have not demonstrated the literacy standard in the OLN. Students who study English - Foundation 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;
- and 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 OLN will contribute to WACE achievement.

# FOUND

## Mathematics - Foundation

 Mathematics

 None

 \$90

### 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;
- and 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 Creative Industries

📍 Delivered at Safety Bay Senior High School as an auspice qualification, where RTOs partner with schools to offer VET qualifications, with teachers as trainers and assessors.

CUA20225

✔ None

💰 \$115 per year

📅 2 years



### Why study this?

Creativity is ranked as the third-highest skill employers are seeking when hiring staff. 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

#### Assessment

#### Career Opportunities

- Follow a design process
- Apply work health and safety practices
- Develop drawing skills to communicate ideas
- Work effectively with others
- Assist with sound recordings
- Operate a digital media technology package
- Develop and apply creative arts industry knowledge
- Perform basic sound editing
- Create 2D Digital Animations
- Develop basic audio skills and knowledge

Students will work individually and in groups to complete written and practical project work. Students will also develop overall skills essential to content creation, sound and screen production.

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

# CATE

## Cert II in Outdoor Recreation

SIS20419

📍 Delivered at Safety Bay Senior High School as an auspice qualification, where RTOs partner with schools to offer VET qualifications, with teachers as trainers and assessors.

✅ 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

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;
- and working effectively in sport and recreation environments.

### Assessment

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.

### Career Opportunities

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

# CERTIFICATE

## Cert II in Sampling and Measurement

📍 Delivered at Safety Bay Senior High School as an auspice qualification, where RTOs partner with schools to offer VET qualifications, with teachers as trainers and assessors.

**MSL20122**

✔ None

💰 \$115 per year

📅 2 years



### Why study this?

This qualification covers the skills and knowledge required to perform a range of sampling and measurement activities as part of laboratory, production or field operations in the construction, manufacturing, resources and environmental industry sectors. In some industry sectors (for example, mineral assay) this work forms a whole job role. This qualification can also lead to opportunities in the field of health care and medicine.

### Areas of Study

### Assessment

### Career Opportunities

- Work within a laboratory or field workplace (induction)
- Record and present data
- Participate in laboratory or field workplace safety
- Participate in environmentally sustainable work practices
- Communicate with other people
- Perform basic tests
- Prepare culture media

In all Certificate courses, students are required to demonstrate competence in each of the units provided that are studied over year 11 and 12.

Production or field operations in the construction, manufacturing, resources and environmental industry sectors. Can also lead to opportunities in the health care field, such as pathology.

# CATE


## Cert II in Sport and Recreation

 Delivered at Safety Bay Senior High School as an auspice qualification, where RTOs partner with schools to offer VET qualifications, with teachers as trainers and assessors.

**SIS20122**

 None

 \$120 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

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;
- and conducting basic warm-up and cool-down programs.

### Assessment


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.

### Career Opportunities

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

# CERTIFICATE

## Cert II in Sport Coaching/Cert III in \*TBC\* (Dual) - Football

 Delivered at Safety Bay Senior High School as an auspice qualification, where RTOs partner with schools to offer VET qualifications, with teachers as trainers and assessors.

SIS20321/SIS...

 Minimum C grade in Year 10 Football (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
<p>Students will gain practical skills in the football industry including:</p> <ul style="list-style-type: none"> <li>• developing and updating knowledge of coaching practices;</li> <li>• learning and using advanced soccer skills;</li> <li>• using advanced strategies and tactics;</li> <li>• delivery of recreation sessions;</li> <li>• workplace health and safety;</li> <li>• conditioning for sport;</li> <li>• officiating;</li> <li>• technology in the sport, fitness and recreation industry;</li> <li>• client service and working with diverse people;</li> <li>• and first aid and responding to emergencies.</li> </ul>	<p>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.</p>	<p>Sports Coach, Fitness Instructor, Sports Administrator, Physical Education Teacher, Sport and Recreation, Sport Development, Exercise and Sport Science, Sport and recreation attendant, Community activities officer, Leisure services officer</p>

# CATE

## Cert II in Visual Arts

 Delivered at Safety Bay Senior High School as an auspice qualification, where RTOs partner with schools to offer VET qualifications, with teachers as trainers and assessors.

**CUA20720**

 None

 \$300 per year

 2 years



## Why study this?

Develop lifelong skills in studying Visual Arts to an industry standard!

This course enables students to learn key skills in The Arts, ranging from traditional to contemporary methods, exploring an array of projects. Students will also further improve their future employability by developing a substantial portfolio.

### Areas of Study

### Assessment

### Career Opportunities

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


- drawing;
- printmaking;
- painting and mixed media;
- and sculpture.

Students will complete major assessment projects from idea conception through to execution and display. Working with *COSAMP*, students will achieve competencies in specific units and demonstrate them through the production of final digital images, and comprehensive responses to a given brief. Students will participate in ongoing skill development with external providers through interaction with practicing artists.


Fine Artist, Painter, Sculptor, Curator, Education, Design and Commercial Arts, Specialised Arts (picture framer, furniture finisher), Community Art Centre Coordinator, Gallery Assistant

# CERTIFICATE

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

 Delivered at Safety Bay Senior High School as an auspice qualification, where RTOs partner with schools to offer VET qualifications, with teachers as trainers and assessors.

**BSB20120/BSB30120**

 None

 \$95 per year

 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. Under direct supervision, students will learn a range of basic procedural, clerical administrative or operational tasks that require self-management and technological skills.

#### Areas of Study

#### Assessment

#### Career Opportunities

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;
- and critical thinking.

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.

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

# CATE

## Cert III in Dance

- 📍 Delivered at Safety Bay Senior High School as an auspice qualification, where RTOs partner with schools to offer VET qualifications, with teachers as trainers and assessors.
- ✔️ Cheer-Dance Specialist Program students will have priority due to skill set already achieved. Minimum B grade in Year 10 Health, Physical Education and/or Performing Arts.
- 💰 \$150 per year
- 📅 2 years

CUA30120



## Why study this?

**Advance Your Skills** - Train in various dance styles, refine your technique and learn professional choreography.

**Earn a Qualification While at School** - This certificate counts towards your WACE and gives you a head start in the dance industry.

**Open Career Pathways** - Whether you want to be a dance, choreographer, instructor or even work in fitness and/or entertainment, this course sets you up for future success.

**Perform and Compete** - Gain real-world experience by performing at events, competitions and school showcases.

**Stay Active and Creative** - Combine fitness with creativity in a fun and engaging environment.


Areas of Study	Assessment	Career Opportunities
<ul style="list-style-type: none"><li>• Dance Techniques and Performance</li><li>• Industry Knowledge and Professionalism</li><li>• Health, Well-being and Injury Prevention</li><li>• Choreography and Creative Development</li><li>• Teaching and Leadership in Dance</li></ul>	<p>Assessment in the Certificate III in Dance is conducted through a combination of practical and theoretical evaluations. Methods may include practical dance performances, choreographic projects, class participation and skill demonstration, written and oral assessments, and work placement and portfolio development.</p>	<p>Professional dancer, choreographer, dance teacher/instructor, cheer/dance coach, fitness and movement coach, performer for film, TV or theatre, dance therapist, arts and events management.</p> <p>This certificate also provides a great stepping stone for further study in dance, teaching or performing arts at TAFE or university.</p>

# CERTIFICATE


## Cert IV in Preparation for Health and Nursing

 Health Science Hub 52806

**52895WA**

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

 Charged separately by a private RTO

 1 year

**Only available to Year 12 students and is run at the Rockingham Senior High School Trade Training Centre every Wednesday.**



### 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

#### Assessment

#### Career Opportunities

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;
- and using the fundamentals of physics and chemistry in a health setting.

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.

Enrolled Nurse, Aged Care Worker, Registered Nurse



# ICATE

# 2027 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 2027. For subjects with a cost of \$100 or more, we request a 50% deposit to be paid by Monday 26 October 2026.

**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

*imagine believe achieve*

**Safety Bay Senior High School**

80 Malibu Road  
Safety Bay WA 6169

**Postal Address**

PO Box 83, Rockingham, WA, 6968

**Phone**

08 9528 9200

**Email**

[safetybay.shseeducation.wa.edu.au](mailto:safetybay.shseeducation.wa.edu.au)

**Administration Hours**

(during school term)

7.30am - 4.00pm

*Monday, Tuesday, Wednesday, Friday*

7.30am - 3.30pm

*Thursday*