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Professional Learning Communities

# Building Curious Learners

**Year 10 2024  
Selection Booklet**



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## SENIOR SCHOOL

Building upon the ideals of our Middle School, we believe that all individuals in our community should have every opportunity extended to them to assist them in reaching their full potential. The focus of our work is on serving every child, every lesson, every day.

Our aim is to develop a Senior School that caters to the needs of our young adult learners so that they can take the next important steps in their life. Our primary goal is to move students to increasing independence where they understand, appreciate and accept responsibility for the choices they make, and in doing so, make the most of their opportunities. As mature young adults, our students will be able to develop the ability to establish and maintain complex and supportive relationships within a network of friends and supporters. Year 10 is the first year that students transition into Senior School.

## OUR VISION

In line with our College Business Plan, we are committed to creating a vibrant culture of excellence, opportunity, innovation and success for our students. We believe that every student can learn, and provided the right opportunities will learn to high levels.

Our aim is to nurture every student's talents and to provide all students with the knowledge, skills, attributes and values they will require for successful ongoing learning and life beyond school. Our Staff are committed to helping students develop to their full potential. This includes helping students develop the required skills for the 21st century, whilst constantly encouraging and supporting individuals to strive for their personal best.

## OUR MISSION

Our mission is to develop a culture of mutual respect and trust, where the relationship between staff and students reflects a more mature approach as would be expected in a college catering for young adults. Our Staff are committed to helping students develop to their full potential.

Our Year 10 students will be offered courses that are relevant, engaging and involve real life experiences. The aim of these courses is to provide stimulating, rigorous learning programs that prepare the students for success in year 11 and 12 courses. It is our aim to provide personalised pathways for each individual; who can learn through a range of courses that engender aspiration in students to achieve their personal best.

## PERSONALISED PATHWAYS

Students will have a range of courses to select from, with each student being able to select their own program that suits their individual aspirational goals and enables them to meet the requirements as determined by the School Curriculum and Standards Authority (SCSA). Students in year 10 will be required to complete a Certificate II qualification which will provide them a strong foundation in further training as well as providing a safety net of up to 4 unit equivalents for year 11 and 12. Students should select the courses that they want to participate in based on their personal aspirations and discussions they have with families, and teachers, as well as ensuring their selections satisfy the schools minimum requirements, which are outlined in the Selection Process. **For descriptions of the courses that are available to our Year 10 students to select please review from the Academy Programs section onwards.**

## INFORMATION FOR YEAR 11 AND 12

### School Leaving Age

Under current legislation, all students must remain in education, training or approved employment until the end of the year they reach 17 and 6 months or they have reached the age of 18 years, whichever happens first.

We believe our Year 10 courses provide students with a foundation to explore possible Senior School pathways. As such, we encourage all students to choose an engaging pathway that will see them move to TAFE, University or work when age appropriate.

### School Curriculum and Standards Authority

The School Curriculum and Standards Authority (the Authority) is responsible for Kindergarten to Year 12 curriculum, assessment, standards and reporting for all Western Australian Schools. The Authority is the body that awards the Western Australian Certificate of Education (WACE) and collects the information recorded in the Western Australian Statement of Student Achievement (WASSA).

### Western Australian Statement of Student Achievement (WASSA)

The WASSA is issued to each Year 12 student at the completion of their senior secondary schooling. It is a record of all courses and programs that a student has completed. The WASSA includes grades achieved.



## THE WESTERN AUSTRALIAN CERTIFICATE OF EDUCATION (WACE)

The WACE is awarded by the School Curriculum and Standards Authority, when students successfully meet the WACE requirements

To achieve a WACE students must:

- Demonstrate a minimum standard of literacy and numeracy, by successfully completing the Authority's Online Literacy and Numeracy Assessment (OLNA). Students may prequalify for components by achieving Band 8 or higher in Year 9 NAPLAN.

- Complete a minimum of 20 units, or equivalents as described below; complete at least four Year 12 ATAR courses

OR at least five Year 12 General courses and/or ATAR courses or equivalent

OR a Certificate II (or higher) VET qualification in combination with ATAR, General

In the context of ATAR courses in the WACE, the term 'complete' requires a student to sit the ATAR course examination and where the ATAR courses have practical components, students must complete both the written and practical examinations.

- Meet the breadth and depth requirement by including at least:
  - 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 each of List A (arts/languages/social sciences) and List B (mathematics/science/technology) subjects.

- Satisfy the Achievement standard requirement.

You must achieve at least 14 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.

Note: Each year long course is made up of 2 semester units. Unit equivalents can be obtained through 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.



## Year 11 and 12 Course Types

### Australian Tertiary Admission Rank (ATAR) courses

ATAR courses are designed for students who are aiming to enrol in a university course directly from school. These courses will be examined by the Authority and contribute to the achievement of an ATAR.

### General courses

General courses are designed for students who are aiming to enter vocationally based training or the workforce straight from school or university by following an alternative entry pathway. These courses will not be examined by the Authority. However, they each have an Externally Set Task (EST) which is set by the Authority.

### Vocational Education and Training (VET) industry specific courses

These courses are designed for students aiming to enter further vocationally based training or the workforce straight from school. These are competency based courses, which when completed at a Certificate II or higher standard, contribute to the requirements for a WACE.

## Attendance Requirements

Regular attendance at school is vital to ensuring students receive a good education that gives them the best opportunities for future success. The expectation is that the attendance rate for all students will be greater than 90%. Learning is cumulative. If a student misses a day, it is harder for them to catch up because each day's learning builds on the previous day.



## CONTRIBUTIONS AND CHARGES

Joseph Banks Secondary College receives Student Centred Funding from the Department of Education each year to assist with the costs of running the College. Financial payments provided by parents has always played an enabling role in the provision of resources that extend the school's capacity to add value to students' learning experience.

### Collection of School Charge Payments

Full payment of charges should be made by the end of Term 1 each year. It is acknowledged that some families may encounter difficulties in meeting this timeline. To help overcome the problem of paying all charges in advance, a payment plan arrangement may be organised by contacting the Finance Officer on 9303 7400 prior to the commencement of the school year.

Joseph Banks Secondary College endeavours to keep its charges to a minimum while maintaining a high standard of educational programs. The level of financial payments requested of parents requires the endorsement of the College Finance Committee, which plays an important role in the school's financial planning arrangements to meet the needs of students while minimising the financial costs on parents. The costs are then sent to the Board to be noted. Each student is charged only for resources specific to each of their courses, therefore each student's charges will vary according to their choice of courses.

Extra Cost Options are charges for optional courses/activities organised by the College to enrich the educational program. Participation in these components is an elective choice and conditional on payment of the cost of providing the activity.

### Education Program Allowance

Financial assistance is available for school charges and clothing for eligible families. Holders of a valid Centrelink Pensioner Card, Health Care Card or Veterans' Affairs Pensioner Card are eligible.

Applications are available from front reception; completed forms need to be returned before the end of Term 1 each year.

### Course Charges and Booklist

Two calendar months prior to the new school year parents will receive an itemised invoice for each student.

This will include:

- the charges associated with each course
- any other compulsory charges levied by the school
- any voluntary contributions
- any textbooks that need to be purchased and the recommended retail price

The booklist and schedule of charges will be forwarded to parents/guardians in Term 4. If students change their courses during the school year a new schedule of charges will be issued.

**All costs listed in this booklet are notional at time of printing.**

## SELECTION PROCESS

### Selection Timeline

Week 3	Monday 8 <sup>th</sup> May	Year 9 to 10 document live on Website.
Week 3	Monday 8 <sup>th</sup> May	Selection information emailed to parents via DP Y10.
Week 4	Monday 15 <sup>th</sup> May	Web codes emailed to parents
Week 4	Tuesday 16 <sup>th</sup> May	Year 9 to 10 selections Assembly.
Week 5	Wednesday 24 <sup>th</sup> May	Year 9 to 10 Parent Engagement Evening.
Week 7	Friday 9 <sup>th</sup> June	Online Selections close.

### Selection Requirements

Students are required to:

- Select a preferred pathway for specialisation for the Certificate II course.
- Select enough courses to get 40 unit points, year-long courses are worth 6 units and Trimester courses are worth 2 units.

Selections must enable students to;

- Address English, Maths, HASS, and Science Outcomes twice during the year.
- Address Arts and Technology Outcomes once during the year.
- Select 8 Reserve courses.

A checklist is included in this booklet so that students can ensure they meet the selection requirements.

#### **Please Note:**

The online submission program will not allow you to submit your selections unless you have satisfied all the requirements.

The school is required to work within the allocated staffing budget and reserves the right to determine which courses will run. This may require reselection by some students at a later date. Parents and Guardians will be involved in this process.





***“Creativity takes  
courage.”  
- Henri Matisse***



## ACADEMY PROGRAMS

Joseph Banks Secondary College provides a range of Academy Programs for students to select as courses to study in Year 10.

### Creative and Performing Arts Academy

Students can continue to pursue excellence in the Academy of Performing and Creative Arts by specialising in any one of the Academy contexts; Music, Drama, Media or Visual Arts. Academy courses will provide students with a comprehensive foundation for studying their chosen area of specialisation in years 11 and 12.

The Academy of Performing and Creative Arts will offer courses that run for four (4) periods a week for the entire year. Three periods will be part of the normal timetable and the fourth period will be a period 0 or a period 6.

Details about the individual programs are included in The Arts Courses section of this booklet.

Preference for places in Academies will be given to students who are current members of the Academy. Additional students may be included subject to availability of places.

### Soccer Academy

In Year 10, the Soccer Academy continues as an elite program within the school timetable. The Soccer Academy will focus on students developing playing and coaching skills, tactics and physical competencies, as well as developing values and team collaboration. The Academy will provide students with a comprehensive foundation for studying Physical Education Studies and/or an additional Certificate qualification in years 11 and 12.

The Soccer Academy will be embedded in the student's timetable for six periods a week for the entire year. The Soccer Academy class will complete the Certificate II Sport and Recreation qualification as a part of this course.

During the competition season, students are expected to participate in afterschool games as part of their involvement in this program.

Details about the individual program are included in The Health and Physical Education Courses section of this booklet.

Preference will be given to students who are current members of the Academy; additional students may be included subject to availability of places.

## Netball Academy

In Year 10, the Netball Academy is offered as an elite program within the school timetable. The Year 10 Netball Academy focuses on developing physical skills and tactics, coaching and umpiring techniques and strength and conditioning. The Netball Academy class will complete the Certificate II Sport and Recreation qualification as a class group in Year 10.

The Academy will provide students with an extensive understanding of key concepts to develop pre-requisite knowledge for the Physical Education Studies and/or an additional Certificate qualification ahead of Year 11 and 12.

Students in the Academy are expected to compete for the school in SSWA competitions and the Netball WA Multicultural Carnival as they arise throughout the year.

Details about the individual program are included in the Health and Physical Education Courses section of this booklet.

Preference will be given to students who are current members of the Academy; additional students may be included subject to availability of places.

## Co-Curricular Academies

The following Academy programs will continue to be available to Year 10 students:

- Joseph Banks Secondary College Triathlon Academy

These Academies run as co-curricular Academies outside of the normal timetable day.

## STEAM PROGRAMS

As our College continues to grow, we have worked to establish and refine our approach to STEAM and the Sciences.

We are working to ensure we provide students with a breadth of opportunities to be able to meet the Department of Education WA target of 85% of Year 12 graduates completing two or more STEM courses in Year 12.

Our aim continues to be for all students to develop into young men and women with 21st Century skills who actively participate in society.

We continue to develop our work around a comprehensive focus on the Sciences. With state of the art facilities, we offer a range of opportunities in the Sciences and Technologies, Engineering and Mathematics further aiding our work as a recognised Department of Education Science, Technology, Engineering and Mathematics (STEM) School.

In 2020, Premier McGowan announced the development of the Space Science Education Centre at Joseph Banks Secondary College and a Stage 3 Building to address the current demand for our STEAM courses. The new building and Space Science Education Centre will open later this year.

Our current approach to developing our focus on STEM consists of the following opportunities:



## STEAM in Senior School

Students in Year 10 at Joseph Banks Secondary College will have access to a range of in timetable programs to support and develop pathways for students. This will provide a breadth of opportunities for students and establish direct pathways to post school destinations in the relevant industries.

Our focus areas for STEAM in Senior School are:

- P-TECH Cyber Solutions
- Space Academy Science Electives
- A focus on the Sciences
- Integrated STEAM learning across Learning Areas

Students have the option to choose from the following STEAM courses and a range of courses in all Learning Areas to develop STEAM skills, knowledge and understandings.

Industry Partnership Course	Space Science Courses (Science Electives)
Cyber Solutions (P-TECH)	Space Academy: Our Curious Cosmos
	Space Academy: Communication in Space
	Space Academy: Solar Systems and Satellites



## P-TECH

In 2019 Joseph Banks Secondary College successfully applied to become a P-TECH Partnership school. The program focus for our site is Cyber Security and the College is now part of a network of P-TECH sites across Australia.



### ***P-TECH = Pathways in Technology.***

P-TECH is a world-leading education model that offers secondary school students an industry-supported pathway to a science, technology, engineering and mathematics (STEM) qualification. P-TECH provides students with skills and knowledge to prepare them for the jobs of the future.

P-TECH enables industry to play an active role in the learning and career development of their future workforce and our students actively work with our industry partners to explore the concept of cyber security and to explore real world cyber solutions.

The Australian Cyber Security Growth Network (AustCyber) that is part of the Australian Government's \$230 million Cyber Security Strategy has been instrumental in coordinating the involvement of businesses from the cyber security sector as part of a strategic, sector-wide approach to workforce development challenges.

Industry and education partners that have committed to support our Northern Perth P-TECH site include:

- Altrium Security
- BHP
- CyberCX
- Trustwave, an Optus company
- Edith Cowan University
- North Metropolitan TAFE

Our Northern Perth P-TECH program complements existing tertiary cyber security initiatives by providing the opportunity for the cyber security industry to 'reach back' into secondary schools to encourage and support more young people to pursue a cyber security pathway that extends beyond school.

Pathways have been established with North Metropolitan TAFE for students in Year 11 and 12 to study a Certificate III Information Technology at school, delivered by North Metropolitan TAFE trainers.



## Year 10 P-TECH Cyber Solutions Course

If you enjoy collaborating and sharing ideas, enjoy solving problems, want to acquire job-ready skills and have a passion for learning new things then this course is for you.

In this course you will engage in the engineering design process to tackle complex problems in cyber security. You will develop technical skills in digital technologies focusing on a cyber-security context, and further develop new collar skills including teamwork, creativity, problem solving, intercultural understanding, and communication.

You will collaborate with Industry partners to solve real cyber security problems and develop work ready skills... And of course, if you are interested in ethical hacking, there will be that as well!

PLEASE NOTE: In 2024, the College would like to introduce the opportunity for students to participate in an Interstate Camp in Melbourne to work with students from our sister school, Camberwell Secondary School and attend a national cybersecurity conference.

Please select P-TECH Cyber Solutions from the TECHNOLOGIES section of the Online Form.

### Pathway into Year 11:

- Computer Science (General)
- Certificate III Information Technology (Cyber Security)
- Applied Information Technology (General)

Cost: \$120 Duration: 1 Year (3 periods per week)

Interstate Camp: Approximately \$1200-\$1500 plus spending monies, depending on flights and accommodation costs.



## Western Australian Space Science Education Centre

The Western Australian Space Science Education Centre (WASSEC) will engage students in learning and concepts linked to the Space Sciences. The College will develop innovative and authentic curriculum, through partnerships and collaboration with industry and education partners to further develop our suite of Space Science Learning opportunities.

In 2024, Year 10 students will be able to select from three Space Academy Electives through the Science Learning Area on the Online Selection Form.

### Space Academy: Our Curious Cosmos

Our Curious Cosmos delves into the secrets of the universe and aims to unlock our current understandings of the cosmos. This course aims to provide practical and relevant experiences for students to learn about the final frontier. This course allows you to make observations using specialised telescopes and explore how real-life astronomers make their observations. You will investigate how astronomers measure the distance to stars through techniques such as trigonometric parallax.

Explore what stars are made of through techniques such as spectroscopy. Discover how stars are born, live their lives and spectacularly die in stellar explosions which can form some of the most mysterious objects in the universe –black holes.

Investigate the force of gravity and how this affects the orbit of stellar objects such as planets around the sun and stars around supermassive black holes at the centre of their galaxies.

Explore galaxies beyond our own Milky Way and be introduced to the ideas of dark matter and dark energy. Space Academy explores cosmology by looking at evidence that supports the big bang theory and speculates how the universe may end based on current understandings of modern astrophysics.

If you are interested in what lies beyond the thin blue line and continues out into the abyss, then this is the course for you. Join Space Academy and blast off to a greater understanding about the universe.

### Pathways into Year 11: Earth and Environmental Sciences, Physics, Mathematics

Cost: \$50 Duration: 1 Trimester



## Space Academy: Communication in Space

Communication in Space explores the world of ways we currently communicate in space, and will provide students with opportunities to unpack the links between the mining industry and space, robotics, AI and automation.

Explore the world of remote operation centres and how they are utilised as the nerve centre for a range of industries, particularly space exploration. You will research how these centres are used and investigate some of the problems they face, particularly in relation to how they control systems and machinery remotely, and what processes for problem solving they need to have in place when the technology breaks down.

If you are interested this course will provide students with the opportunity to work independently and in teams to develop solutions for problems facing the space industry, and you will undertake a range of excursions to deepen your contextual knowledge about communication in Space and future technologies.

### Pathways into Year 11:

- Applied Information Technology, Computer Science
- Certificate III Information Technology, Earth and Environmental Sciences

Cost: \$50 Duration: 1 Trimester

## Space Academy: Solar Systems and Satellites

Solar Systems and Satellites explores the role of satellite technology in the exploration of the universe, and discovery of new stars and system, whilst unpacking the everyday impact satellite technology has on our life on earth. Thousands of satellites orbit the Earth, providing a wealth of critical information for our ever-evolving technological landscape on Earth. This course will investigate, technology developments, related communication developments, and the ethics and laws of space.

For every working satellite, there is a satellite that is no longer working, adding to the growing mass of space junk that needs to be managed and accounted for. In this course you will work independently and in teams, you will research the many varied ways that satellite information is used here on Earth, and how it impacts our lives, and you will investigate an aspect of satellite use and design a solution for cleaning up space junk.

A hands-on component of this course includes the design and creation of components required for a cubesat miniature satellite. There will be multiple opportunities for excursions in this course, and the opportunity to work with researchers in the space industry and at Universities.

### Pathways into Year 11:

- Applied Information Technology, Computer Science
- Certificate III Information Technology, Earth and Environmental Sciences, Physics, Mathematics

Cost: \$50 Duration: 1 Trimester



## A focus on the Sciences

In Year 10, our timetable structure provides personalised pathways for our Year 10 students. This enables students who have a passion for the Sciences to select a range of Science electives to study. These courses of work meet both Science outcomes and link to Senior School Courses of Study.

Details about the Sciences Courses available for our Year 10 students can be located in the Science Courses section of the course booklet.

Courses are outlined below:

List A	List B	Specialist
It's All Chemical!	Saving Planet Earth	Forensic Science
Physics In Action	Cells to Survival	Psychology
The Heat is On!	Human Biology 101	Space Academy: Our Curious Cosmos Space Academy: Communication in Space Space Academy: Solar Systems and Satellites






## Integrated STEAM Learning across all Learning Areas

Embedded into many courses in Year 10, are opportunities for students to engage with STEAM (Science, Technology, Engineering, The Arts and Mathematics) concepts, content or enterprise skills, knowledge and understandings. The integration of STEAM in the courses offered at the college, provides students with the opportunity to learn and apply this knowledge, skills and understandings in context.

We encourage students to select a broad range of courses, to learn new concepts, to be curious about new concepts, for the enjoyment of learning new things, for engagement and to challenge themselves as learners.

Courses with explicit links to STEAM are located in the table below, and can be located in the course booklet in the sections indicated on the table.

Domain	Course
Health and Physical Education	Sports Science A and B
Mathematics	All
Science	All
The Arts: Media	All
The Arts: Music	Electronic Sound Design
The Arts: Visual Arts	Graphic Design Digital Arts
Technologies: Design and Technologies	All
Technologies: Digital Technologies	All



*“Any device that has the ability to connect to the internet contributes to the “internet of things,” which is arguably one of the worst security nightmares of our time.”*

*- Ben Stegner*

## CERTIFICATE COURSES

At Joseph Banks Secondary College, students in Year 10 are enrolled to complete a Certificate II qualification.

Certificate qualifications are:

- nationally recognised vocational training;
- mapped to pathways and courses in Year 11 and 12;
- and contribute to the successful achievement of WACE Graduation in Year 12.

Students have the option to choose from the following certificate courses:

- Certificate II in Workplace Skills
- Certificate II in Community Services
- Certificate II in Sport and Recreation

The auspicing arrangements for our Certificate II Courses will be confirmed by the College in Semester Two.

### Certificate II Community Services (CHC22015)

If you like working with and helping people, from childcare to aged care, this is the starting point for you.

Studied over the course of **one year**, this qualification may be used as a pathway for workforce entry as community services workers who provide a first point of contact and assist individuals in meeting their immediate needs. At this level, work takes place under direct, regular supervision within clearly defined guidelines.

Core Units Include:

- CHCCOM001 Provide first point of contact
- CHCCOM005 Communicate and work in health or community services
- CHCDIV001 Work with diverse people
- HLTWHS001 Participate in workplace health and safety
- BSBWOR202 Organise and complete daily work activities

Elective units will involve skills such as: working within a community framework, managing personal stress in the workplace, and strategies to respond to routine workplace problems.

#### Pathway into Year 11:

- Certificate III Early Childhood Education and Care

Cost: \$200

Duration: 1 Year

## Certificate II in Workplace Skills (BSB20120)

If you are an entrepreneur or see yourself as a future business owner this course is your firststep on this journey.

Studied over the course of **one year**, this qualification reflects the role of individuals in a variety of junior administrative positions who perform a range of mainly routine tasks using limited practical skills and fundamental operational knowledge in a defined context.

Individuals in these roles generally work under direct supervision.

Core Units Include:

- BSBWHS201 Contribute to health and safety of self and others

Elective units will involve skills such as: Communicate in the workplace, deliver a service to customers, work effectively in a business environment process and maintain workplace information, contribute to workplace innovation, produce simple word-processed documents, create and use spreadsheets.

**Pathway into Year 11:** Certificate III in Business

Cost: \$150

Duration: 1 Year

## Certificate II in Sports and Recreation (SIS20115)

If you love sport and want a career in the sports industry this course is the first step for you.

Studied over the course of **one year**, this qualification allows individuals to develop basic functional knowledge and skills for work in customer contact positions in the sport or community recreation industry. These individuals are competent in a range of administrative activities and functions within a team and under supervision. They are involved in mainly routine and repetitive tasks using practical skills and basic sport and recreation industry knowledge. They work in locations such as sport and recreation centres or facilities, and leisure and aquatic centres assisting with the conduct of recreation activities and facility maintenance and operations.

With a focus on communication, teamwork, problem-solving, self-management, planning and organisation of activities, responding to emergency situations, and working effectively in sport, fitness and recreation environments this certificate course is suitable for all students in Year 10.

**Pathway into Year 11:**

- Certificate II Sport Coaching

Cost: \$150

Duration: 1 Year



*“Education is the most powerful weapon which you can use to change the world”*

*- Nelson Mandela*





## ENGLISH COURSES

Students must select at least two (2) courses.

All the courses contain tasks that allow students to show their skills in Writing, Reading, Viewing and Speaking/Listening.

English	Literature
Avengers Assemble	The Gender Agenda
Mission: Possible	The American Dream
The Sportswriter	
You're a Wizard Harry	
Around the World in 80 Texts	
Writing for Purpose	
The World's End	
When I Grow Up	

### Avengers Assemble

In this course you will explore the world of the Marvel Cinematic Universe by examining narrative schemas, character archetypes, intertextuality and links to mythology. You will delve into the far away worlds that your favourite Marvel heroes inhabit.

Don't be fooled though – this course is not about sitting back with your popcorn and watching Thor. After this course, you won't be able to watch Ragnarok without dissecting the hidden meanings of symbols, stereotypes, gender roles, or film codes.

By the end of this course, you will have an in-depth understanding of the way texts are interconnected, as well as the ways in which even modern texts draw on traditional narrative schemas. You will demonstrate this knowledge through a range of creative, analytical and interpretive assessments.

#### Pathway into Year 11:

- English (ATAR)
- English (General)

Cost: \$25

Duration: 1 Trimester

## Mission: Possible

Spy fiction and crime drama are an ever popular genre. And why not? With their fast pace and twists and turns, they are an exciting mile a minute literary ride.

In this course you will delve into the writing techniques needed to write a high quality spy story of your own. Using extracts from the range of different texts, including the very famous James Bond series by Ian Fleming, you will identify and use a range of techniques to develop your own spy story.

You will study a range of short spy fiction extracts, analysing these by looking at style and generic conventions. This study will help you identify the characters, description, pace, setting and tone needed to construct an engaging spy story.

Are you ready for the mission?

### Pathway into Year 11:

- English (ATAR)
- English (General)

Cost: \$25

Duration: 1 Trimester

## The Sportswriter

Sport is important. Not only for ourselves, but our communities. Learn about how the participation in sporting events has brought communities together and encouraged people to overcome adversities.

With sport being such an important part of many people's lives, an opportunity to work as a sports journalist is a highly sought-after career. Sports Journalism is an important foundation for not only writing articles and blogs, but also for broadcasting, personal YouTube channels and other social media platforms.

You will read about player stats, research and craft profiles about your favourite sports stars. Learn about how different media organisations choose to represent sport stars and how misrepresentation of a player's life can lead to controversy.

### Pathway into Year 11:

- English (ATAR)
- English (General)

Cost: \$25

Duration: 1 Trimester

## You're a Wizard Harry

Do you know what Quidditch, Muggles and Apparition mean? If so, it's clear you may be suffering from a Potter addiction. Why not channel your Potter-mania by enrolling in this class?

In this course, you will use the Harry Potter series (both the novels and their film adaptations) to explore notions of dichotomy, such as good and evil, as well as learning about a range of literary conventions, such as archetypes, allusion, intertextuality and symbolism. By analysing and examining JK Rowling's Harry Potter series, you will gain an understanding of the ways in which we can read and interpret texts and how we can apply different critical lenses to texts when we read them. You will demonstrate your understandings through responding, creating and via an oral presentation.

### Pathway into Year 11:

- English (ATAR)
- English (General)

Cost: \$25

Duration: 1 Trimester

## Around the World in 80 Texts

Have you ever wanted to travel to explore new places and have amazing adventures? Could you see yourself as a travel blogger or photographer one day?

While Covid has limited our method of travel, nothing should stop us from discovering new places and experiencing new cultures.

In this course, you will go a journey. Through a range of fiction and non-fiction texts, you will learn to harness the power of visual imagery and bring to life the rich cultural experiences to your reader.

From newspaper and magazine articles from across the world to Simeon Courtie's epic travel tale, *The Long and Whining Road*, you will be immersed in the writing skills needed to bring description to life so you too can paint vivid pictures that entice the traveller in us all.

### Pathway into Year 11:

- English (ATAR)
- English (General)

Cost: \$25

Duration: 1 Trimester

## Writing for Purpose

When you think about it, writing is something we do every single day. From texting, emailing and updating our statuses to applying for jobs, writing is a skill we all need to develop in order to successfully communicate.

Knowing how to write well means you can share your voice and opinions clearly and convincingly.

In Writing for a Purpose, you will learn how to write a range of texts, focusing on the importance of structure, clarity and using language to effectively influence your audience.

Developing your skills to pass OLNA is a central focus of this course. You will increase your understanding of persuasive techniques and narrative conventions; and engage frequently with a range of exemplars to improve your writing. You will have an opportunity to practise and receive feedback on OLNA style writing prompts.

Joining the Writing for a Purpose course is a fantastic opportunity to improve your communication skills – an incredibly desirable skill for the workplace.

**Pathway into Year 11:** English (General)  
Cost: \$25 Duration: 1 Trimester

## The Gender Agenda

What does it mean to be a woman today? What is it to be a man? What expectations does society place upon us and how are we “supposed” to fit traditional gender stereotypes? Where have these stereotypes even come from? And who defined male and female social norms in the first place?

If you’d like to investigate the answers to these questions, you need to enrol in in this class. In this unit you will examine the representations of women and men in film, culture and literature, observing how these roles have changed over time.

Through exploring texts such as film, music videos, static images, advertising, short stories and poetry, you can discover just what society’s gender agenda is.

**Pathway into Year 11:**

- Literature (ATAR)
- English (ATAR)
- English (General)

Cost: \$25 Duration: 1 Trimester



## The American Dream

You may think you know America, but the USA we know today is only where it is because of those who came before - those who dreamt big and built a country where anybody's dream could come true.

In The American Dream, you will study John Steinbeck's classic novella, *Of Mice and Men*. Through this literary masterpiece, you will explore what the American Dream looked like in the 1930s, when all a man wanted was a bit of land to call his own.

You will delve into an America post the Great Depression and examine American society at the time. By analysing gender roles, discrimination, narrative archetypes, themes and moral dilemmas, you will question whether the American Dream is real or nothing but a fairy-tale.

### Pathway into Year 11:

- Literature (ATAR)
- English (ATAR)
- English (General)

Cost: \$25

Duration: 1 Trimester

## The World's End

Dystopia: the idea of a world gone wrong. The devastating corruption of humanity and the environment. A place that belongs in nightmares. In this course, you will explore the forms, results and the realities of human control, examining the anxieties that lead to systems of control.

Why do we both desire and hate to be controlled? What does it mean to be free? Ask yourself how methods of control are made socially acceptable and think about why we love to see rebels undermining the system. Conform or rebel, but remember: Big Brother is watching.

Using film and literature, this unit explores and analyses dystopian views of our world, considering the impact of control on our society. Is earth heading towards a dystopian future, and if so, can we change the course we're on?

In this course you will examine a range of dystopian short stories, including much of Ray Bradbury's work. You will also look at dystopian poems, visual images and segments of film, demonstrating your knowledge of dystopian generic conventions through the creation of a range of text types.

### Pathway into Year 11:

- English (ATAR)
- English (General)

Cost: \$25

Duration: 1 Trimester

## When I Grow Up

What do the Harry Potter and Hunger Games books have in common? They both deal with the challenges of friendship, discovering independence and the ability to prove oneself.

In *When I Grow Up*, you will learn about one of the oldest types of stories: the Coming-of-Age story. From sickness and heartbreak to family and friendships, you will explore how growing is not easy for anyone.

You will explore how characters faced with sickness and unforeseen events in their young lives, must learn to trust others to better themselves. We will watch *Hunt for the Wilderpeople* and read excerpts from classic coming of age stories such as *The Fault in Our Stars*. While exploring the growth and development of characters, we will explore their journey from immaturity to maturity.

You will write a range of analytical and creative texts that explore some of the central themes and characteristics in Coming-of-Age stories.

### Pathway into Year 11:

- English (ATAR)
- English (General)

Cost: \$25

Duration: 1 Trimester

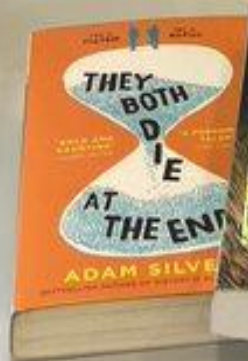
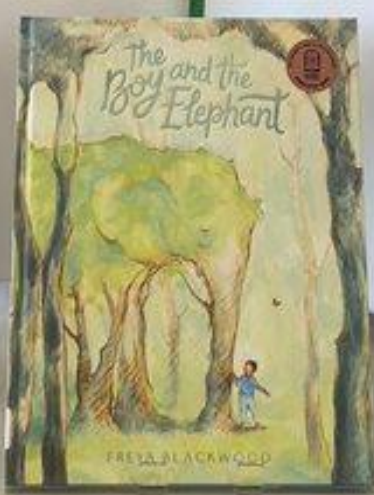


# BOOK WEEK



DREAM

BIG



**"Today a reader,  
tomorrow a leader"  
- Margaret Fuller**



## HUMANITIES AND SOCIAL SCIENCES COURSES

Students must select at least one List A course and one List B course to meet the Humanities and Social Sciences (HASS) requirements.

List A	List B
Business and Economics 101	Politics and Law 101
Geography 101	Freedom and Rights
	World War 2
<i>You need to select at least one of these courses</i>	<i>You need to select at least one of these courses</i>

### Business and Economics 101

This course provides you with a rock-solid foundation in both Business and Economics. You will bring economics to life by playing Top Trumps to analyse the economic indicators of different countries in the world and use the share market game to analyse Australian companies.

#### Pathway into Year 11:

- Business Management and Enterprise (ATAR)
- Business Management and Enterprise (General)
- Careers and Enterprise (General)
- Certificate III Business

Cost: \$25

Duration: 1 Trimester

### Geography 101

Who wants to stay in the classroom when there's the whole world to explore? Why is Norway the happiest country in the world? Where does Australia rank in the Happiness listings? In this course, you will examine the management of environmental resources and analyse the use of indicators such as the Happy Planet Index and the Human Development index to determine reasons for the vast differences in wellbeing around the globe.

You will participate in one or more fieldtrips to collect primary data as part of your research project.

#### Pathway into Year 11:

- Earth and Environmental Science (General)
- Geography (General)

Cost: \$25

Duration: 1 Trimester

## Politics and Law 101

Democracy can be a fragile thing. Are your rights under threat? This course looks at the potential threats to our way of life. These can come from organised crime and the way vested interests and money can change our laws and way of life.

In this course, students will examine what their rights actually are. Does Australia follow the Convention on the Rights of a Child? Have we eliminated all forms of discrimination?

**Pathway into Year 11:** Politics and Law (ATAR)

Cost: \$25

Duration: 1 Trimester

## Freedom and Rights

Did you know there was a time when women could not vote? When people were separated by colour? When groups of Australians were referred to as plants and animals, rather than human beings?

This course explores how huge changes have happened throughout the world by people your age. Through analyzing case studies in history we will explore how powerful young people are creating and maintaining change. Youth are agents of change. Do you have it in you to make changes in society?

**Pathway into Year 11:**

- Politics and Law (ATAR)
- Modern History (ATAR)

Cost: \$25

Duration: 1 Trimester

## World War 2

The social and political vacuum following the Great War left Europe and much of the world ripe for the rise of tyranny. This allowed evil men to commit mass murder at an unprecedented scale. However, every story has two sides and as an effective historian, you must tread carefully as "...history is written by the victors" (Churchill).

Through the lens of an historian, you will critically examine World War II by using and creating questions for inquiry, based on a range of sources and build on your understandings of the key historical concepts.

The causes, events, and the implications of World War II in both Europe and the Pacific will be key focus areas with further investigations into major events and significant figures of the conflict. The course will touch on the Inter-war period, with an emphasis on the years 1939-1945. Students taking this thought-provoking course will gain skills as a critical historian, able to develop arguments based on evidence, and demonstrate sound skills in source analysis.

**Pathway into Year 11:** Modern History (ATAR)

Cost: \$25

Duration: 1 Trimester

*“Mathematics is  
humanity’s most powerful  
tool for comprehending  
the universe.”*

*- UWA*



## MATHEMATICS COURSES

Students must select either;

- Essential Mathematics A&B OR
- Mathematics for Scientists and Engineers A&B

Students may select to study additional Math's Electives throughout the year.

Students intending to study Mathematics Applications in Year 11 are recommended to select Mathematics for Scientists and Engineers A&B; or, they may select Essentials Mathematics A&B in combination with the ATAR Maths Preparation elective.

Students intending to study Mathematics Methods and Mathematics Specialist in Year 11 must select Mathematics for Scientists and Engineers A&B.

- Students who intend to study Mathematics Methods are recommended to also select the ATAR Maths Prep elective.
- Students who intend to study Mathematics Specialist are strongly recommended to select the Specialist Maths A&B electives to be adequately prepared for the course.

Mathematics	Mathematic Electives
Essential Mathematics (A&B)	ATAR Maths Preparation
OR	Specialist Maths A & B
Mathematics for Scientists and Engineers (A&B)	Math in Business & Economics
	Maths for Life
<i>You need to select at least one of these courses</i>	

### Essential Mathematics A & B

Maths is all around us. Whether you're shopping, building, running a business, getting a car loan, cooking, budgeting, designing, or looking at AFL statistics, maths is everywhere! Do you want to get more support to build your confidence when using maths? This course will expose you to a range of topics from Number & Algebra, Measurement & Geometry, and Statistics & Probability, in a range of practical contexts and at a pace that allows you to consolidate your skills.

The two courses A and B run sequentially.

#### Pathway into Year 11:

- Mathematics Applications (ATAR)
- Mathematics Essentials (General)

Cost: \$21

Duration: 1 Trimester each



## Mathematics for Scientists and Engineers A & B

Do you enjoy Mathematics and thrive on being challenged? Have you ever been intrigued about the probability of winning the lotto, how we make aluminium cans, why objects curve when thrown, how diseases spread? Are you aspiring to be a future leader in mathematics, agriculture, environmental, astrophysics, medical science, marketing, business analysis or a leading principal engineer?

If you answered yes to any of the above, then this course is for you. It will challenge, reward and inspire you, providing the opportunity for deep understanding of Number & Algebra, Measurement & Geometry, and Statistics & Probability, with an emphasis on Science and Engineering applications. You will use modern technologies, including graphics calculators, to explore and investigate concepts.

### Pathway into Year 11:

- Mathematics Applications (ATAR)
- Mathematics Methods (ATAR)
- Mathematics Specialist (ATAR)

Cost: \$21

Duration: 1 Trimester each

## Specialist Maths A & B

Want to extend your mathematics knowledge and understanding to the next level and appreciate the true nature of mathematics, its beauty and its functionality? This course provides opportunities for you to develop complex mathematic understanding of the IOA curriculum to delve deeper into algebraic concepts and apply your understanding to create mathematical models. You will use modern technologies, including graphics calculators, to explore and investigate concepts.


### Pathway into Year 11:

- Mathematics Methods (ATAR)
- Mathematics Specialist (ATAR)

Cost: \$21

Duration: Trimester 2 & 3



A man in a dark suit, white shirt, and dark tie is leaning over a white table in a laboratory or office setting. He is wearing glasses and holding a pencil, appearing to be working on a document or a small object on the table. A small, glowing orange light source is visible on the table. In the background, there are blue posters on the wall, one of which has the text "Cold fl" visible. A piece of electronic equipment with cables is also visible on the right side of the table.

***“The most beautiful thing we can experience is the mysterious. It is the source of all true art and science.”***

***– Albert Einstein***



## SCIENCE COURSES

Students must select at least one course from list A and at least one course from list B to satisfy the Science requirements.

Our wide range of Science courses allow you to develop a personalised pathway through Senior School and beyond, while also exploring your interests. The more you choose, the more options you will have!

List A	List B	Specialist
It's All Chemical!	Saving Planet Earth	Forensic Science
Physics in Action	Cells to Survival	Psychology
The Heat is On!	Human Biology 101	
<i>You need to select at least one of these courses</i>	<i>You need to select at least one of these courses</i>	<i>You may select as many of these courses</i>

### List A: Physical Sciences

#### It's All Chemical!

Do you want to be a doctor, engineer or the next Nobel Prize winning scientist? How about becoming a mechanic, work with food, or makeup? All these professions rely on the understanding of chemical reactions, structures, theories, and observations that occur with everyday materials. Chemistry can help you answer all your questions, because everything comes back to have a chemical explanation. Connect with the work around you, analysing the structures and uses of metals and how we constantly advancing science as the years go by. So, choose It's All Chemical, as this course will offer you a range of skills for the laboratory as well as many other future pathways.

#### Pathway into Year 11:

- Chemistry (ATAR)
- Integrated Science (General)
- Certificate III Laboratory Skills

Cost: \$60

Duration: 1 Trimester



## Physics in Action

Have you ever wondered how people can manoeuvre through mountain tops in a wingsuit, or travel through a 90-degree bend at speeds of 160km/h in Formula 1?

Physics in Action takes you behind the scenes of some of the worlds most daring and extreme sports that only a handful of people are willing to try. In this course, you will learn about Newton's Laws of Motion and energy transfer behind skydiving, downhill skiing, Formula 1, speed skating, mountain climbing, bouldering, speedboating and so much more.

### Pathways into Year 11:

- Physics (ATAR)
- Integrated Science (General)

Cost: \$30

Duration: 1 Trimester

## The Heat is On!

Have you ever wondered why polar bears have black skin? Do you ever think about how we can produce various colours when creating fireworks? Have you ever considered how much energy you can put into your body and how you use it?

Find out the cool answers to some of the hottest questions in science. Knowing the structure of materials is to understand why they behave as they do, whilst the nature of heat flow is responsible for everything from your suntan to a home-cooked meal. You will also discover how all living things cope with heat energy and learn about the mechanisms and behaviours each has to thermoregulate.

### Pathways into Year 11:

- Integrated Science (General)
- Certificate III Lab Skills

Cost: \$60

Duration: 1 Trimester

## List B: Biological Sciences

### Saving Planet Earth

Have you ever wondered why there are so many different living things on our planet and why they look different from one another? How can we use aquaponics to promote eco-friendly agriculture and growth? Why does Australia have the only egg-laying mammals and numerous animals with pouches?

In this course, you will have the opportunity to explore the conservation of endangered Western Australian species, investigate the effects of pollution on the water cycle and explore aquaponics and aquatic ecosystems. You will also investigate what's at stake for the future of our planet if immediate action isn't taken against climate change and urban sprawl.

#### Pathways into Year 11:

- Earth and Environmental Science (General)
- Biology (ATAR)

Cost: \$40

Duration: 1 Trimester

### Cells to Survival

Are you the next Fiona Wood? Were you fascinated by the origins of the COVID-19 pandemic? Do you want to find a cure for diabetes, cancer or obesity? Maybe your big question is why you have your mother's eyes, your father's ears, Brad Pitt's nose, and Donald Trump's hairline? If so, this course is for you. You will be introduced to the code of life found in the nucleus of a living cell and explore the inheritance of traits, as well as gender determination and the occurrence of twins.

#### Pathways into Year 11:

- Biology (ATAR)
- Human Biology (ATAR) Human Biology (General)
- Integrated Science (General)

Cost: \$40

Duration: 1 Trimester

## Human Biology 101

How does each of the body's systems work together to achieve homeostasis? How does our body regulate emotion, sleep and coordinate movement? How does our body fight off infection and provide immunity against some of the world's deadliest diseases?

In Human Biology 101, you will learn how the nervous and endocrine systems work together to achieve homeostasis and regulate all aspects of our body. You will also discover how our body protects us from harmful diseases with defence mechanisms strong enough to protect us from "superbugs". This course will further your understanding of how the body works and learn why we are the superior species on Earth.

### Pathways into Year 11:

- Biology (ATAR)
- Psychology (ATAR)
- Psychology (General)
- Human Biology (ATAR)
- Human Biology (General)
- Integrated Science (General)

Cost: \$40

Duration: 1 Trimester

## Specialist Science Courses

### Forensic Science

This course is a hands-on learning experience that allows you to learn techniques relevant to Forensics. This course teaches techniques for facial reconstruction and analysing blood types, fingerprints and hair samples to solve a crime. This course enables you to compare the portrayal of Forensics in television to real crime scene procedure.

#### Pathways into Year 11:

- Certificate III Lab Skills
- Integrated Science (General)

Cost: \$60

Duration: 1 Trimester

### Psychology

In this course you will be introduced to the study of Psychology. You will conduct research, gather data and use online resources to investigate a range of topics including personality, learning style and mind tricks. You will be given the opportunity to undertake research within different areas of the science including Sport Psychology, Social Psychology, and Forensic Psychology. An exploration of the history of brain research, the study of brain area function and anatomy and the differences between Psychology and Psychiatry will also be undertaken.

#### Pathways into Year:

- Psychology (ATAR)
- Psychology (General)

Cost: \$30

Duration: 1 Trimester



***“The best way to  
predict the future  
is to create it”***

***– Abraham  
Lincoln***





## HEALTH AND PHYSICAL EDUCATION COURSES

All students in Year 10 participate in two (2) lessons of General Physical Education and one Trimester of Health: Lifeskills.

Courses listed below can be selected as additional electives in Health and Physical Education. If students select the Soccer or Netball Academy, these will replace their General Physical Education class.

Academy Class	Electives
Soccer Academy & Certificate II Sport & Recreation	Fitness and Training Principles
Netball Academy & Certificate II Sport & Recreation	Health Studies
	Physical Recreation – Outdoor Education
	Sports Science A- Coaching, Biomechanics & Sports Psychology
	Sport Science B – Anatomy and Physiology
	Elite Sports Performance- Rugby

### Soccer Academy & Certificate II Sport & Recreation

Are you an elite soccer player who wishes to forge a path as a professional? Are you interested in developing your skills and tactical knowledge in a sport you are passionate about within school hours? Whilst the Academy has a soccer focus, the program will also work on improving a wide range of skills, tactics and physical competencies, developing values and team collaboration as well as delivering social, mental and emotional education to support the overall wellbeing of students.

Students will build on their coaching skills by developing progressive session plans with their peers. Students will also have the opportunity to become a qualified Level 3 official by completing a Football West qualification. This will allow them to get paid by Football West in Year 11 and 12 to officiate Junior Soccer games.

Students will engage in 2 Physical Education classes per week as well as an accreditation in Certificate II Sport and Recreation for 4 periods.

Entry into Soccer Academy will occur through a selection process. Successful students will sign a policy to ensure they consistently uphold the values of the College.

**Pathways into Year 11:** Certificate III Sport & Recreation (Soccer Academy)

Cost: \$150

Duration: 1 Year (2 periods per week Physical Education (Soccer), 4 periods per week (Certificate II Sport & Recreation)

## Netball Academy & Certificate II Sport & Recreation

Do you have a desire to extend your skills and tactics in Netball? Do you want to develop your umpiring skills and understanding of injuries to take your Netball knowledge to the next level?

This course will explore rich content including developing physical skills and tactics; strength and Conditioning; umpiring skills; prevention of injuries; injury management; rehabilitation; along with developing and implementing training sessions focusing on the progression and regression of skill development.

Students will engage in two Physical Education classes per week as well as an accreditation in Certificate II Sport & Recreation for four periods.

Along with the completion of the Certificate II Sport & Recreation, student's will be provided with the opportunity to complete the Netball Australia foundation umpire course which leads into higher umpiring qualifications.

Students in the Academy are expected to compete for the school in SSWA competitions and the Netball WA Multicultural Carnival as they arise throughout the year. This course will also provide students with the opportunity to attend the middle school lightning carnivals as coaches or umpires.

Preference will be given to students who are current members of the Academy; additional students may be included subject to availability of places. Contracts will be given to ensure students are maintaining the values of the Netball Academy.

### Pathways into Year 11:

Certificate III Sport & Recreation (Netball Academy)

**Cost:** \$150

**Duration:** 1 Year (2 periods per week Physical Education (Netball), 4 periods per week (Certificate II Sport & Recreation))





## Sport Science A – Coaching, Biomechanics & Sports Psychology

Are you somebody who is interested in the world of health and fitness? Do you see yourself studying Sports Science at a university level? Sports Science A will delve into the world of Sports Science and look at how it impacts upon both athletes and the everyday individual.

The course will explore rich content including:

- Developing physical skills and tactics (Volleyball)
- Motor learning and coaching
- Biomechanics
- Sport psychology

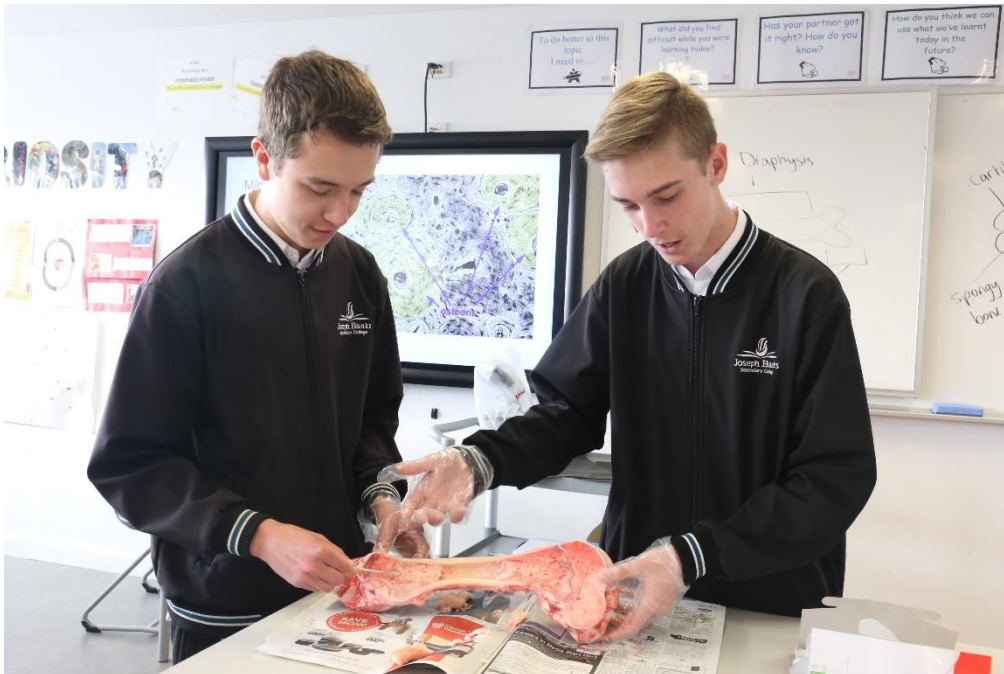
This will include learning about different methods of skill analysis and how this is applied to improve the performance of athletes. You will also look at different mental skill techniques that athletes use to obtain optimal performance.

### Pathways into Year 11:

- Physical Education Studies (ATAR)
- Physical Education Studies (General)

Cost: \$30

Duration: 1 Trimester



## Sport Science B – Anatomy and Physiology

Are you somebody who is interested in the world of health and fitness? Do you see yourself studying Sports Science at a university level? Sports Science B will delve into the world of Sports Science and look at how it impacts upon both athletes and the everyday individual. Through both practical and theoretical components of this course we will look at how the body works and what is required for the body and brain to work at its best in a physical capacity.

The course will explore rich content including:

- Developing physical skills and tactics (Badminton)
- Functional anatomy
- Exercise physiology

This will include learning about the different bones, muscles, heart and lung structures and how they function in relation to physical activity.

### Pathways into Year 11:

- Physical Education Studies (ATAR)
- Physical Education Studies (General)

Cost: \$30

Duration: 1 Trimester

## Elite Sports Performance Rugby

If you have a passion for playing Rugby, along with wanting to expand your Sports Science knowledge in relation to this sport about how to prevent injuries, manage injuries and the rehabilitation process.

This elective will explore rich content including:

- Developing physical skills and tactics in Rugby
- Strength and Conditioning
- Motor Learning & Coaching - development and implementation of training programs, understanding leadership styles, rules and umpiring signals
- Exercise Physiology – prevention of injuries, injury management and rehabilitation

### Pathways into Year 11:

- Physical Education Studies (ATAR)
- Physical Education Studies (General)
- Certificate II in Sports Coaching

Cost: \$50

Duration: 1 Trimester

## TECHNOLOGIES COURSES

Students must select at least one (1) course to satisfy the Technologies requirement.

Design & Technology Context	Digital Technologies Context	Home Economics Context
Metal Engineering	Coding 201	Childcare
Wood Machining	Robotics 201	Fashion Design
3D Design and Engineering: Formula 1 in Schools	Web Design Basics	Food Technology – Baking Focus
Jewellery	Ethical Hacking	Food Technology – Methods of Cooking Focus

### Design and Technology Context

#### Metal Engineering

In this course you will continue with the safe use of machines already covered in Year 9 and will be exposed to new machinery, including taper turning solid steel bar on the metalwork lathe, oxy acetylene cutting steel plate, mig welding complex shapes and removing waste with a pedestal grinder. All projects will be delivered around a design process (problem solving) approach. Projects include a sheet metal project, a mild steel welding project, and a design project of your choice.

#### Pathways into Year 11:

- Materials Design & Technology – Metal (General)
- Certificate II Engineering

Cost: \$80

Duration: 1 Trimester

Link: Students could also study Physics on the Road in conjunction with this course.

#### Wood Machining

Students will continue the safe use of machines already covered in Year 9 and will be exposed to new machinery, including faceplate turning a bowl on the wood lathe, sharpening a chisel on the sharpening machine and routing various edge profiles. All projects will be delivered around a design process (problem solving) approach. Projects include a corner shelf, a small step stool, and a laminated wooden bowl made from multiple pieces of timber.

#### Pathways into Year 11:

- Materials Design & Technology – Wood (General)
- Certificate II Building & Construction

Cost: \$80

Duration: 1 Trimester

### 3D Design and Engineering: Formula 1 in Schools Technology and Engineering Challenge

This is a thrilling and challenging course designed to inspire and engage students in the world of motorsports and engineering. During the course, students will be introduced to the principles of design, engineering, and technology that underpin the world of Formula One racing. They will learn about aerodynamics, materials science, computer-aided design (CAD), Fusion360, and other key concepts that are used to design and build high-performance vehicles.

At the end of the course, students will showcase their creations at a race event, where they will compete against other teams from around the world. This will be a thrilling opportunity for students to put their skills to the test, demonstrate their knowledge and creativity, and engage with their peers in a fun and exciting environment. The challenge will involve designing, building, and racing a miniature Formula One car using 3D printing and other cutting-edge technologies. Students in Year 10 who elect to participate in the Challenge will work in small project teams to design a balsa wood F1 model race car using CAD software. You will then manufacture your car on a CNC router to race against other schools in Western Australia and, potentially, the Australian finals. Teams will document the entire process in a portfolio.

**Pathways into Year 11:** Certificate II Engineering

Cost: \$85

Duration: 1 Trimester

### Jewellery

This course provides students with the opportunity to create exciting pieces of jewellery in a fun and creative environment. Through the elements and principles of design you will create articles of jewellery along a particular theme and utilise a range of jewellery making skills including stone setting, filing, shaping, soldering, and applying textures and finishes to a range of materials. Materials include brass, copper, nickel silver and wood to produce rings, bracelets, and pendants.

**Pathways into Year 11:**

- Certificate II Visual Arts (Jewellery)
- Visual Arts – Jewellery Design

Cost: \$80

Duration: 1 Trimester



## Digital Technologies Context

### Cyber Solutions (P-TECH)

Full details for this course can be found in the STEAM Programs section of the course booklet.

### Coding 201: Virtual and Augmented Reality Game Design

The Coding 201 course is an intermediate coding course designed to provide students with an in-depth understanding of the principles behind coding, virtual and augmented reality. Students will learn how to design and build complex robotic systems using programming languages such as Python, JavaScript, Swift, C# or C++. This course is designed to teach students the principles of game design using virtual reality (VR), augmented reality (AR) and animation. Students will learn how to create immersive game environments and characters using industry-standard software, as well as develop gameplay mechanics and systems that take advantage of VR and AR technology.

#### Pathways into Year 11:

- Computer Science (General)
- Applied Information Technology (General)

Cost: \$55

Duration: 1 Trimester

### Robotics 201

Robotics and automation is a rapidly growing industry and important for industrial, domestic and entertainment applications. This course is designed to promote problem solving, enterprise and initiative in a fun and practical environment. Students will learn the skills it takes to design, program and engineer practical solutions to solve realistic and challenging real-world problems.

Students will learn how to design and build complex robotic systems using programming languages such as Python, JavaScript and C++. Students will have opportunities to explore the BBC Micro:bit, getting students programming and coding their own minicomputer, and how to program drones to complete daily tasks. Students will then be challenged to create a personal project to solve an everyday problem that they face using the equipment they have developed their skills in.

#### Pathways into Year 11:

- Computer Science (General)
- Certificate III Information Technology

Cost: \$55

Duration: 1 Trimester

## Web Design Basics

This course is delivered as a hands-on computer-based workshop where students can create websites to solve real life problems. The content provides students with an introduction to essential web development processes including text-based coding languages such as HTML and CSS as they explore how to create exciting websites for their own passions.

Students will experience how to create a range of web pages, using basic structuring of page content and applying formatting and stylistic choices. Students will explore a range of platforms to develop their own content, including programs such as visual studio code and the Adobe suite. This course focuses on the planning, analysis, design, creation and reflection process in the context of web development practices, giving students a real-world experience as they work independently and collaboratively to develop industry level products.

### Pathways into Year 11:

- Applied Information Technology (General)
- Certificate III Information Technology

Cost: \$40

Duration: 1 Trimester

## Ethical Hacking

Have you ever wondered how companies and businesses protect themselves against cyber threats? In this course, students will be given an introduction to ethical hacking with a particular focus on understanding the tools available to ethical hackers through Linux platforms such as Kali. Students will develop an understanding of modern techniques that can be employed to evaluate the security of implemented systems, such as networks, servers and end user devices. Based on this understanding, students will also start to develop the skills required to defend against network based threats. Students will apply the skills they learn in this course to ethical hacking challenges in fields such as forensics, cryptography, steganography, incident response and exploiting known vulnerabilities. Students will be given numerous opportunities to work collaboratively as they develop their team building and communication skills by working together to solve problems and create solutions.

Having attempted and learnt from these challenges, students will be invited to participate in external Capture the Flag (CTF) events. CTF events allow ethical hackers to go head to head in a competitive environment to capture as many flags as possible, by ethically hacking their way through systems that have been set up for the challenge. Additionally, students will be provided with access to platforms such as TryHackMe and Hack The Box to further enhance the knowledge they have developed in class. Ethical hacking is an emerging field which favours the practical application of skills to penetrate secure systems in order to demonstrate vulnerability so that steps can be taken to mitigate risk.

### Pathways into Year 11:

- Computer Science (General)
- Certificate III Information Technology

Cost: \$50

Duration: 1 Trimester

## Home Economics Context

### Childcare

Do you have a passion for working with children? This course will give students the knowledge and experience for caring for children. The course will focus on the stages of child development, ranging from pre-conception to early childhood years. Students will explore the life cycle and cognitive theories of behaviour and will simulate real life experiences by organising and facilitating playgroups with young children. Students will get the opportunity to develop their own learning resources suitable for use in this playgroup setting.

#### Pathways into Year 11:

- Certificate III Early Childhood Education & Care
- Children, Family & Community (General)

Cost: \$75

Duration: 1 Trimester

### Fashion Design

Do you want to be the next Marc Jacobs? This is an intensive course designed to cater for the next generation of fashion designers. You will develop your fashion design and construction skills and will focus on designing and creating a pair of track pants to suit your individual style. You will explore different decorative techniques and create a screen-printed tote bag. You will extend existing knowledge and apply real life techniques and processes, including creating fashion illustrations and mood boards in order to showcase creativity in a fun environment.

#### Pathways into Year 11:

- Materials Design & Technology – Textiles (General)

Cost: \$90

Duration: 1 Trimester

### Food Technology – Baking Focus

Do you want to be the next Donna Hay or Adriano Zumbo? Do you want to share your dessert creations with the world? This is an extension course designed to cater for our future generation of keen and interested patisserie chefs. You will explore a variety of baking and decorating techniques which you can apply to a wide range of slices, cakes, biscuits and cupcakes. You will develop your knowledge and understanding of concepts relevant to baking.

#### Pathways into Year 11:

- Food Science and Technology (General)
- Certificate II in Hospitality

Cost: \$90

Duration: 1 Trimester

Links: Food Technology –Methods of Cooking Focus provides background to this course.

## Food Technology – Methods of Cooking Focus

Do you want to be the next Jamie Oliver? Do you want to run your own world famous restaurant one day? This is an intensive course designed for our budding Master Chefs. You will develop and explore a variety of technical processes and skills required to be successful in preparing, designing, making and presenting food.

### Pathways into Year 11:

- Food Science and Technology (General)
- Certificate II Hospitality

Cost: \$90

Duration: 1 Trimester

Links: Food Technology -Baking Focus enriches the skills covered in this course.





*“Creativity takes  
courage”  
– Henri Matisse*



## THE ARTS COURSES

Students must select at least one (1) course to satisfy the Arts requirement.

Drama Context	Media Context	Music Context	Visual Arts Context	Dance Context
Drama Academy	Media Academy	Music Academy	Visual Arts Academy	Dance
Behind the Scenes	Advertising and Music Videos	Song Writing 101	Art Now!	
	Photography and Film	Electronic Sound Design	Drawing and Painting	
			Drawing and Printmaking	
			Digital Arts	
			Graphic Design	

### Drama Context

#### Year 10 Drama Academy

The Year 10 Drama Academy helps equip you with the skills necessary to become a proficient, creative, observant and multi-skilled performer in the industry. You will be taught how to build expression, freedom, confidence, energy and resilience as a performer. As a performer you will devote time to harnessing your acting craft, learn the value of team-building and focus on empowering your imagination and creativity.

This course allows you to create your own productions and includes a study of plays with a focus on both Representational and Presentational performance styles. A deeper analysis of Realism, Brecht and Theatre of the Absurd are integral to the course.

**Pathways into Year 11:** Drama (General)

Cost: \$120

Duration: 1 Year

#### Behind the Scenes

The people that work behind the scenes are the ones who make theatre magic happen. In this course you will learn the skills and knowledge to undertake the numerous roles needed to create a professional piece of theatre such as costume designer, stage manager, producer and set designer.

This course will center around a short play devised by the class. Everyone will take on one or more behind the scenes roles to turn the play into a full production. This is your chance to create something great and send it out into the world.

**Pathways into Year 11:** Drama (General)

Cost: \$40

Duration: 1 Trimester





## Music Context

### Year 10 Music Academy

Music plays an integral role in everyday life as a form of self-expression or celebration; it also serves in a social or cultural role. The Music Academy program is a hands-on course, focusing on the practical exploration of musical conventions. Opportunities will be provided to develop skills, knowledge and an understanding of performance and theoretical elements. You will broaden your knowledge and appreciation of music as an art form, profession and life skill through a performance-based course, supported by music creation and exposure to performance through workshops and excursions.

#### Pathways into Year 11:

- Music (ATAR)
- Certificate III Music Industry (Performance)

Cost: \$120

Duration: 1 Year (4 periods per week including a P0 or P6).

### Song Writing 101

In this course, you will join forces with other students to learn what it means to effectively collaborate and compose your own original music. Students will be taught the theory of song writing, as well as the analysis skills that will allow them to take their ideas and turn them into music that represents their unique point of view. Throughout the trimester, students will also have the opportunity to analyse and cover other artists' music, as well as their own.

#### Pathways into Year 11:

- Music (ATAR)
- Certificate III Music Industry (Performance)

Cost: \$70

Duration: 1 Trimester

### Electronic Sound Design

Electronic Sound Design is a course that will have you exploring different ways of creating original sounds through the use of GarageBand. You will learn about synthesis, sampling, drum programming, mixing, and composing for film and sound production. Using all of these skills together, you will gain the ability to compose interesting and unusual musical works. Throughout the trimester, you will be given the opportunity to explore your creative side, embrace your mistakes and create something from scratch that you can be proud of.

#### Pathways into Year 11:

- Music (ATAR)
- Certificate III Music Industry (Performance)

Cost: \$70

Duration: 1 Trimester



## Visual Art Context

### Year 10 Visual Art Academy

The Year 10 Visual Art Academy course focuses on making and exploring images in drawing, painting, printmaking, ceramics and sculpture. In this course you will be encouraged to work in a more independent manner in a studio environment developing and experimenting with a variety of techniques and processes to refine and reflect a personal aesthetic.

You will have opportunities to apply decision-making skills to discover the most effective way to communicate ideas by combining art elements, principles and knowledge of materials. Through the comparative analysis of artworks from a range of cultures, times and locations, you will learn to discuss and describe how artists or artworks communicate and challenge ideas and meaning. The knowledge and understanding of the work of different artists will extend your awareness of style, techniques and how to approach new challenges in artworks.

In this course you will maintain a studio workbook that documents and justifies your selection, refinement and presentation in art creating and making processes. Additional opportunities you will have include, working with an artist and/or visits to exhibitions and there will be an exhibition to showcase your artworks to the community.

#### Pathways into Year 11:

- Visual Art (General)
- Certificate III in Visual Art

Cost: \$120

Duration: 1 Year

### Art Now!

In this course you will explore the question “What is Art?” Contemporary art practice is no longer bound to realistic representation and the artist is free to express and explore ideas through whatever methods best communicates them. The re-interpreting of conventional images and concepts has allowed artists to question what has come before, re-interpreting the past and finding their own language to communicate their vision within the art context. You will be introduced to these art practices and challenged to investigate current ideas and beliefs, explore new materials and methods, and respond to your world in a meaningful and creative way. The course will explore a wide range of art materials and techniques to find visual solutions to a problem or theme. Whilst painting and drawing in their various forms are central to the course, you will create a work drawn from one of the following areas: sculpture, ceramics, painting, stencilling, and printmaking.

**Pathways into Year 11:** Visual Art (General)

Cost: \$30

Duration: 1 Trimester

## Drawing and Painting

Learn how to draw and paint in a variety of ways. Develop and refine your skills in drawing and painting real and imagined subjects and develop your studio habits. You will be introduced to established and contemporary techniques and will explore a wide range of art materials to find visual solutions to challenges in your creations.

If you've dreamt of entering the Young Originals, Youth Lester Prize or the Young Archibald Prize, then this course will be perfect for you. You will learn how to grid, freehand, paint, and mix colours with conventional and unconventional materials. You will experiment with a variety of techniques, learn to be more observant, and discover how to set up a dynamic composition for maximum impact. You will create several beautiful art pieces utilising drawing and painting. The theoretical aspects of this course focus on gaining an appreciation for art in both traditional and contemporary society as well as from other cultures. You will also analyse, compare/contrast and explore big questions in drawing and painting to develop your curiosity. This will build the perfect foundation for further studies in art in Senior School and beyond.

**Pathways into Year 11:** Visual Art (General)

Cost: \$55

Duration: 1 Trimester

## Drawing and Printmaking

Learn how to draw and print in a variety of ways. Develop and refine your skills in drawing and printing real and imagined subjects and develop your studio habits. You will be introduced to established and contemporary techniques in drawing and printmaking-using lino, etching, screen-printing, collagraph and other printmaking techniques to explore a wide range of art materials to find visual solutions to challenges in your creations.

You will learn how to draw from life and use your imagination to print with conventional and unconventional materials and backgrounds. You will also learn how to set up a dynamic composition for maximum impact. You will create several beautiful art pieces utilising drawing and printmaking. The theoretical aspects of this course focus on gaining an appreciation for art in both traditional and contemporary society as well as from other cultures. You will also analyse, compare/contrast and explore big questions in visual art to develop your curiosity. This will build the perfect foundation for further studies in art in Senior School and beyond.

**Pathways into Year 11:**

- Visual Art (General)

Cost: \$55

Duration: 1 Trimester

## Graphic Design

Graphic Design surrounds us: it is the signs we read, the products we buy, and the rooms we inhabit. Graphic designers find beauty within limitations, working towards the ultimate goal of visually communicating a message. Using a language of type and imagery, graphic designers try to make every aspect of our lives defined and beautiful. If you are interested in Art and Computing with an aspect of Enterprise, then this course is for you.

There will be an introduction to the 'digital darkroom' - editing and managing images using the Adobe Creative Suite with Photoshop, Illustrator and InDesign software. You will be encouraged to use your imagination, practice creative teamwork and develop lateral thinking abilities – all skills essential in the workforce. You will also discover the creative potential through hand-made and computer-generated imagery.

This course is designed to develop technical and visual skills by completing short challenging briefs across a range of subjects. Hand drawing is encouraged in the development of ideas and the construction of contemporary graphics and illustrations. The course is devised from several studio areas covering a mixture of genres and themes using hand drawn, Photoshop, Illustrator and InDesign tools.

### Pathways into Year 11:

Graphic Design (General)

Visual Art (General)

Cost: \$55

Duration: 1 Trimester

## Digital Arts

The goal of our Digital Arts course is to introduce students to accessible and cutting-edge technologies to create contemporary artworks that have the capability to be displayed in a variety of formats. Making effective artwork requires a balance of critical and creative thinking. An artist's perspective begins with practice and observation. You will learn how to manipulate the Elements and Principles of art in your work and take your art from analogue to digital.

The Digital Arts Course at JBSC is for the student who wishes to develop skills in digital photography, digital illustration, and digital painting. Our program introduces students to ways in which technologies such as Procreate, QR codes, augmented reality, VR headsets and Glyph Drawing are moving creative industries into the future.

Parents will need to purchase Procreate for students enrolled in this course.

### Pathways into Year 11:

- Graphic Design (General)
- Visual Art (General)

Cost: \$45

Duration: 1 Trimester

## Dance Context

### Dance

The goal of our Year 10 Dance course is to build on the foundations established in previous years, providing students with an opportunity to deepen their knowledge and skills in dance, as well as provide an opportunity for students who are new to the subject and wish to develop skills in this area.

Throughout the course, students will explore a range of dance styles, techniques, and genres, and develop their abilities in choreography and performance.

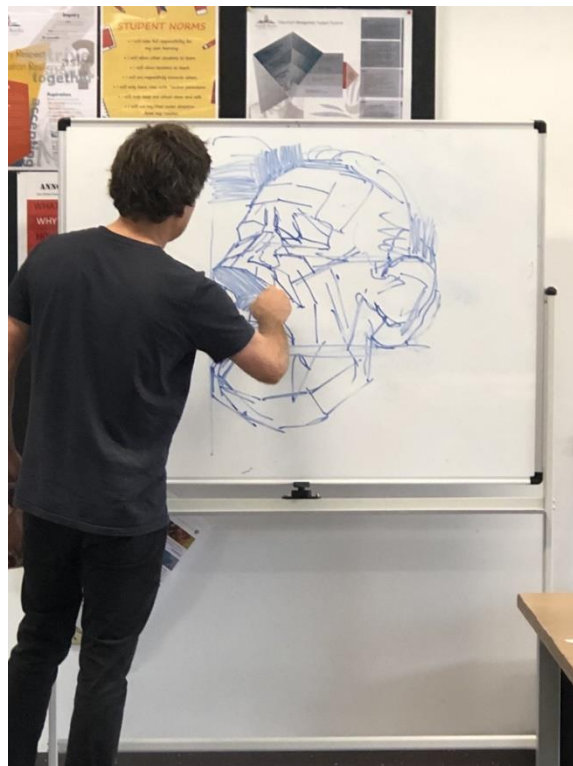
Students will also develop their physical fitness, coordination, and teamwork skills, as well as their communication and self-discipline. This course is suitable for those who are passionate about dance and wish to pursue a career in the performing arts, as well as those who simply wish to explore their creativity and express themselves through movement.

This course provides students with a challenging and rewarding learning experience, enabling them to develop their dance skills and knowledge, and encouraging them to explore their creativity and expressivity through movement.

Students can choose from a variety of genres including contemporary, hip hop, street dance, and cultural dances, for example, Spanish, Indian, and Bollywood.

Cost: \$50.00

Duration: 1 Trimester





# Appendices

## Appendix A Year 10 Course Selection Check List

Please use this sheet to organise your selections prior to entering your selections using the Online system.

You need to select enough courses from the list of available courses to have 40 points. You also need to ensure you meet the minimum number of courses for each section. Tick these boxes. You also need to select 8 reserves choices – List these at the bottom of the sheet

<b>Certificate II Pathway – You need to select one of the following</b>					
Certificate II Community Services				6	
Certificate II Workplace Skills				6	
Certificate II Sport and Recreation - Soccer Academy Focus				6	
Certificate II Sport and Recreation - Netball Academy Focus				6	
Certificate II Sport and Recreation				6	
<b>English</b>		<b>Science</b>			
You need to select at least two courses from this group		List A You need to select at least one course			
Avengers Assemble	2	It's all Chemical!	2		
Mission: Possible	2	Physics in Action	2		
The Sports Writer	2	The Heat is on!	2		
You're a Wizard Harry	2	List B You need to select at least one course			
Around the World in 80 Texts	2	Saving Planet Earth	2		
Writing for Purpose	2	Cells to Survival	2		
The Gender Agenda	2	Human Biology 101	2		
The American Dream	2	<b>You may also select from:</b>			
The World's End	2	Forensic Science	2		
When I Grow Up	2	Psychology	2		
<b>Mathematics</b>		<b>HASS</b>			
You need to select either		List A You need to select at least one course			
Essential Mathematics A & B	4	Business and Economics 101	2		
Mathematics for Scientists and Engineers A & B	4	Geography 101	2		
You can select as many other Maths courses from		List B You need to select at least one course			
ATAR Maths Preparation	2	Politics and Law 101	2		
Specialist Maths A & B	4	Freedom and Rights	2		
Maths in Business and Economics	2	World War 2	2		
Maths for Life	2				

The Arts		Technologies	
You need to select at least one course		You need to select at least one course	
<b>Drama Context</b>		<b>Design and Technology Context</b>	
Year 10 Drama Academy	6	Metal Engineering	2
Behind the Scenes	2	Wood Machining	2
<b>Media Context</b>		3D Design and Engineering: Formula 1 in Schools	
Year 10 Media Academy	6	Jewellery	2
Advertising and Music Videos	2	<b>Digital Technologies Context</b>	
Photography and Film	2	Cyber Solutions (P-TECH)	6
<b>Music Context</b>		Coding 201	
Year 10 Music Academy	6	Robotics 201	2
Song Writing 101	2	Web Design Basics	2
Electronic Sound Design	2	Ethical Hacking	2
<b>Visual Art Context</b>		<b>Home Economics Context</b>	
Year 10 Visual Art Academy	6	Childcare	2
Art Now!	2	Fashion Design	2
Drawing and Painting	2	Food Technology – Baking Focus	2
Drawing and Printmaking	2	Food Technology – Methods of Cooking Focus	2
Graphic Design	2	<b>STEAM Courses:</b>	
Digital Arts	2	Space Academy: Our Curious Cosmos	2
<b>Dance Context</b>		Space Academy: Communication in Space	
Dance	2	Space Academy: Solar Systems and Satellites	2
<b>Health &amp; Physical Education</b>		<b>Reserve Selections</b>	
Fitness and Training Principles	2	You need to select at least 8 courses as Reserves, list these below.	
Health Studies	2	English Reserve	
Physical Recreation - Outdoor Education	2	HASS Reserve	
Sports Science A – Coaching Biomechanics and Psychology	2	Science Reserve	
Sports Science B – Anatomy and Physiology	2	Reserve 4	
Elite Sports Performance- Rugby	2	Reserve 5	
		Reserve 6	
		Reserve 7	
		Reserve 8	

## Appendix B Global Course Overview

	Year 9 Electives	Year 10 Courses	Year 11 and 12 Courses	Possible Tertiary Courses
HUMANITIES AND SOCIAL SCIENCES (HASS)	Fabulous Finance	Business and Economics 101	ATAR Business Management and Enterprise	Bachelor of Commerce Bachelor of Marketing, Advertising and Public Relations Bachelor of Sport, recreation and event management Bachelor of Philosophy, Politics and Economics
			ATAR Careers and Enterprise	Certificate III Business Certificate IV Business
			General Business Management and Enterprise	Certificate III Event Management Certificate III/IV Business Certificate III/IV Business Administration Certificate III Business Administration (Legal) Certificate III Business Administration (Medical) Diploma of Community Services Diploma of Human Resource Management Certificate IV in Marketing and Communication Certificate IV in Leadership and Management Certificate IV in Project Management Practice Certificate IV Business
	Deadly Diseases	Geography 101	General Geography	Certificate IV in Conservation and Land Management Advanced Diploma of Community Sector Management Certificate II Horticulture Certificate IV in Surveying Certificate III in Surveying and Spatial Information Services
				Horrible Histories World War 1
			ATAR Modern History General Modern History	

	Year 9 Electives	Year 10 Courses	Year 11 and 12 Courses	Possible Tertiary Courses
<b>ENGLISH</b>	Write a book in a day	American Dream	ATAR Literature	Supports entry to university in all subject areas
		Gender Agenda		
		The Worlds End	ATAR English	Supports entry to university in all subject areas
		You're A Wizard Harry		
		Around the World in 80 Texts	General English	University Preparation course. Portfolio entry to university courses Supports entry to a range of tertiary courses at TAFE
		Sportswriter		
		Avengers Assemble		
		Writing for Purpose		
		Mission: Possible		
When I Grow Up				



	Year 9 Electives	Year 10 Courses	Year 11 and 12 Courses	Possible Tertiary Courses
SCIENCE	Aspirant Young Scientists	Physics in Action	ATAR Physics General Integrated Science*	Bachelor of Science (physics) Bachelor of Engineering Bachelor of Mathematics and Statistics Certificate IV in Engineering Certificate IV in Mechanics
		It's All Chemical The Heat is On!	ATAR Chemistry General Integrated Science* Certificate III Laboratory Skills	Bachelor of Science (most courses require Chemistry as a prerequisite) Bachelor of Engineering (chemical)
		Psychology	ATAR Psychology General Psychology	Bachelor of Psychology
		Human Biology 101 Saving Planet Earth Cells to Survival	ATAR Human Biology General Human Biology ATAR Biology Certificate III Laboratory Skills General Integrated Science General Earth and Environmental Science	Bachelor of Science (human biology, biomedical science, wildlife conservation, zoology, marine biology, environmental science)  Bachelor of Geology
	Electronics			
	Space Academy	Space Academy: Our Curious Cosmos Space Academy: Communication In Space Space Academy: Solar Systems and Satellites	General Earth and Environmental Science General Integrated Science	Supports entry into Science related TAFE courses Supports entry to University related courses in Science
	Exploring the Science of Everything	Forensic Science	Certificate III Laboratory Skills General Integrated Science	Certificate III supports entry to University Prep courses and possible direct entry

\* Students cannot select Integrated Science alongside ATAR Physics or ATAR Chemistry in Year 11 and 12 courses

	Year 9 Electives	Year 10 Courses	Year 11 and 12 Courses	Possible Tertiary Courses
<b>MATHEMATICS</b>	Maths for Life	Maths for Life	General Essentials Mathematics	Supports students developing their numeracy skills for success in Numeracy in OLNA. Supports entry to a range of tertiary courses at TAFE.
		Mathematics Essentials (A & B)	General Essentials Mathematics	University Preparation course. Portfolio entry to University courses. Supports entry to a range of tertiary courses at TAFE.
	Problem Solving and Enrichment in Mathematics	Maths in Business and Economics	General Essentials Mathematics ATAR Mathematics Applications	University Preparation course. Portfolio entry to University courses. Supports entry to a range of tertiary courses at TAFE. Supports entry to university in most subject areas, except Bachelor of Engineering, some Bachelor of Science courses (e.g. physics, cyber security, zoology, biomedicine), Bachelor of Mathematics and Statistics.
		Mathematics for Scientists and Engineers (A & B)	ATAR Mathematics Applications ATAR Mathematics Methods ATAR Mathematics Specialist	Supports entry to university in areas such as Engineering, Science and Mathematics.
		ATAR Maths Preparation	ATAR Mathematics Applications ATAR Mathematics Methods ATAR Mathematics Specialist	Supports entry to university in areas such as Engineering, Science and Mathematics.
		Specialist Maths (A & B)	ATAR Mathematics Methods ATAR Mathematics Specialist	Supports entry to university in areas such as Engineering, Science and Mathematics.

	Year 9 Electives	Year 10 Courses	Year 11 and 12 Courses	Possible Tertiary Courses
<b>HEALTH AND PHYSICAL EDUCATION (HPE)</b>	<b>Physical Recreation</b> International Sports Racquet Sports ESP Rugby ESP Netball	<b>Sports Science</b> Sports Science A Sports Science B ESP Rugby	ATAR Physical Education Studies  General Physical Education Studies General  Certificate II Sport & Recreation	Further study at University in the following fields Bachelor of Health and Physical Education Sport Science Physiotherapy Exercise Physiology
	<b>Fitness</b> Health & Fitness	<b>Fitness</b> Fitness Training Principles	Certificate II Sport Coaching	Further study in Physical Education related courses at TAFE such as: Certificate III Sport & Recreation Certificate III Sport Development Certificate IV in Sport Development Certificate IV Fitness.
	<b>Academies</b> Soccer Academy	Soccer Academy (complete Certificate II Sport and Recreation) Netball Academy (complete Certificate II Sport and Recreation)	Certificate III Sport & Recreation (Soccer or Netball Academy focus)	
	<b>Health</b>	<b>Health Studies</b>	ATAR Health Studies  General Health Studies	Further study at University in the following fields: Food Science Health Promotion Occupational Health Occupational Therapy Pharmacy Public Health Physiotherapy Speech Therapy  Further study in Health-related courses at TAFE such as: Certificate III Allied Health Certificate III Population Health Certificate IV Preparation for Health and Nursing Studies
	<b>Outdoor Education</b>	<b>General Outdoor Education</b>	Further study at TAFE in qualifications which are related to Outdoor Education. Possible employment in the Outdoor Education industry.	

	Year 9 Electives	Year 10 Courses	Year 11 and 12 Courses	Possible Tertiary Courses
<b>THE ARTS</b>	<b>Visual Arts</b>  Year 9 Academy  Visual Arts  Digital Art	Year 10 Visual Arts Academy  Art Now!  Digital Art  Drawing & Painting  Drawing & Printmaking	General Visual Arts	Further Study TAFE Visual and Creative Arts Certificate courses, and University, Bachelor of Arts- Visual Arts Bachelor of Arts Honours Bachelor of Arts-Fine Arts Creative Arts Designing Fashion Specialisation Illustration Specialisation Visual Culture Fashion Design Design Thinking and Visual Communication Specialisation Games Art and Design Visual Communication Bachelor of Visual Arts and Design Bachelor of Fine Arts Bachelor of Education (Secondary) Bachelor of Fine Arts / Bachelor of Laws Bachelor of Science / Bachelor of Fine Arts
	<b>Design</b>  Graphic Design Introduction	Graphic Design	Certificate III Information, Digital Media and Technology (Cyber Security)  General Design	Further Study TAFE Visual and Creative Arts Certificate courses, and University through ATAR. Bachelor of Computer Science Bachelor of Science (Cyber Security) Bachelor of Arts Honours Bachelor of Design Digital and Social Media Animation and Game Design Digital Experience and Interaction Design Digital Experience Communication Specialisation Digital Experience and Interaction Design Advertising Design Specialisation Applied Graphic Design Specialisation Web Presence Specialisation Design Thinking and Visual Communication Specialisation



			Games Art and Design Certificate IV Cyber Security
<b>Drama</b> Year 9 Academy Drama Dance	Year 10 Drama Academy Behind the Scenes Dance	General Drama	Further Study TAFE Visual and Creative Arts Certificate courses, and University. Advanced Diploma of Live Production and Management Services Bachelor of Arts (Acting) Bachelor of Arts (Arts Management) Bachelor of Arts Honours Bachelor of Performing Arts Theatre Arts Screen Arts Corporate Screen Production
<b>Music</b> Behind the Music So You Want to Be In a Band Year 9 Academy	Song Writing 101 Electronic Sound Design Year 10 Music Academy	ATAR Music Certificate III Music	Further Study TAFE Visual and Creative Arts Certificate courses, and University. Advanced Diploma of Music Industry Bachelor of Arts (Music Theatre) Bachelor of Arts Honours Bachelor of Performing Arts Bachelor of Music
<b>Media</b> Year 9 Academy Media	Advertising and Music Videos Photography and Film Year 10 Media Academy	General Media Production and Analysis	Further Study TAFE Visual and Creative Arts Certificate courses, and University. Bachelor of Media and Communication Bachelor of Arts Honours Bachelor of Arts/Bachelor of Media and Communication Master of Screen Studies Corporate Screen Production Photography

	Year 9 Electives	Year 10 Courses	Year 11 Courses	Possible Tertiary Courses
<b>TECHNOLOGY</b>	Woodwork	Wood Machining	Metalwork - General	Certificate II Carpentry and Joinery Apprenticeship in carpentry
	Metalwork	Metal Engineering	Woodwork - General	Certificate IV Building and Construction Certificate II in Furniture Making (Pre-Apprenticeship)
	International Foods	Food Baking Focus Methods of Cooking	Certificate II in Hospitality Food Science Technology -General	Commercial Skills set Customer service skill set Certificate III & IV in Hospitality Advanced Diploma of Hospitality Management
		Childcare	Children, Families and the community – General  Cert III Early Childhood Education and Care	Certificate III & IV in allied Health Diploma of Community Development Certificate III and IV in Community Services Certificate II, III and IV Youth Work
	Jewellery	Jewellery	Metalwork - General	Jewellery Beginner Certificate III in Jewellery Manufacture Certificate IV in Design (Jewellery Studio)
	Computing Coding Robotics 101 Web Design Basics F1 in Schools Cyber Security	Computer Coding Robotics 201 Web Design Basics F1 in Schools Ethical Hacking P-TECH	Computer Science - General Applied Information Technology - General Certificate III Information, Digital Media and Technology (Cyber Security)	Certificate II in Computer assembly and Repair Certificate III/IV in Information, Digital Media and Technology Certificate IV Programming Certificate III/IV in Information, Digital Media and Technology (Cybersecurity) Bachelor of Computer Science
	Introductory Fashion & Design	Fashion & Design	Textiles – General	Sewing Beginner 1 & 2 Certificate III in Design Fundamentals