



Year 10 2019 Subject Selection Handbook



Year 10 Elective Selection Information

This booklet outlines the elective courses available to students entering Year 10 in 2019. The lower secondary school curriculum at Byford Secondary College follows the Western Australian Curriculum and provides students with a range of subjects that fit their needs and/or interests and in which they may ultimately specialise in Senior School.

All students in Year 10 will study a set number of hours in each Learning Area. Each student will experience compulsory and elective courses across the learning areas, while some students will also begin to study specialised courses.

COMPULSORY COURSES are made up of

- Humanities and Social Sciences
- English
- Maths - Studied for 4 hours per week
- Science
- Health and Physical Education and Pastoral Care
- Career Pathways - Studied for 1 hour per week

ELECTIVE COURSES are made up of

- The Arts – consisting of Visual and Performing arts e.g: media, music, visual arts and drama.
- Technology and Enterprise – consisting of Design and Technology or Home Economics e.g: woodwork, metal work, cooking and textiles.
- Physical education – consisting of sport science and outdoor pursuits.
- The Humanities – consisting of creative writing, criminal investigations, business and marketing, tourism and international conflict.
- Science - Astronomy

These are studied for 2 hours per week per choice - students typically choose 2-4 per year

SPECIALISED COURSES

The areas in which a student can specialise in 2019 are

- Sport Science – AFL, Netball or General
- Music

These programs are described in more detail elsewhere in this handbook.

Specialisation is recognised as a student studying the subject throughout the year rather than for a semester.

Please ensure that a 50% deposit of the total cost of all electives chosen, is paid to the College no later than 9th November 2018. Non-payment may result in reselection to a lower cost elective.

In cases where a critical number of students selecting an elective course is not reached, this elective course may not run and students will be required to reselect.



The Arts - Performing Arts



Music Band Focus (Semester)

Proposed Cost: \$35.00

This course will allow students to develop their musical skills through listening, composing and performing music in various modern pop/rock genres. The music program focuses on popular music arts elements such as vocals, keyboard, band ensembles and Garageband with a strong emphasis on performance.

Students will learn how to play basic melodies and songs on keyboards, understand musical notation and song structure, perform using a variety of instruments in small band groups and develop the confidence to be creative, innovative, thoughtful, skilful and informed musicians.

It is not a requirement that students can play a musical instrument to enrol in this course.

Dare to Dance (Semester)

Proposed Cost: \$25.00

Year 10 Dance students will be focusing on skills associated within the Contemporary and Jazz dance genres, choreographing dance works with a concept and building the skills to analyse dance. Students will have the opportunity to work on composition pieces in small groups to be performed for their fellow peers. Students will also begin to explore improvisation and begin to reflect critically on Australian dance companies and choreographers.

Performing Drama (Semester)

Proposed Cost: \$25.00

The focus of this course is improvising, creating, devising and developing theatre inspired by personal themes. The aim is to reach audiences with issues that matter, in an entertaining way. In this course, students will also learn the practical and technical skills of theatre, costume and makeup design; set design and construction; lighting, sound and backstage roles.

This is a great preparation for the ATAR/General Drama course in Senior School.

Sport Dance (Semester)

Proposed Cost: \$25.00

Just Love to dance for fun? Trying to improve your health in a fun environment with friends? In this class you will be working on developing your dance technique with a focus on health and wellbeing. This class will focus on Dance for health like Zumba and Latin Dance then leads into other styles like cheer leading and hip hop dance technique. Each task will focus on a different style of dance while improving your health, wellbeing, flexibility and strength. Students will be supported at different technique levels to ensure that each student receives the attention that he or she needs. This class will help students understand what it is like to dance with a group. This will give them the opportunity to dance alongside other dancers while developing their own craft. Dancers will have the opportunity to learn different dance styles with a final performance at a showcase event.

Theatre Sports

Proposed Cost: \$25.00

The focus of the course is on improvising, creating, devising and developing theatre inspired by personal themes. The aim is to reach audiences with issues that matter, in an entertaining way. In this course students will also learn the practical and technical skills of theatre, costume and makeup design; set design and construction; lighting, sound and backstage roles. This is a great preparation for the ATAR/General Drama course in Year 11.

Specialised Music (Year)

Proposed Cost: \$50.00

The focus of this course is for music students to develop their skills in aural perception, as well as learn basic theory. Students develop skill in expressing themselves through music composition and arrangement activities, whilst gaining appreciation of music from different eras, cultures and styles. The music course includes three components; Class music, Instrumental sessions and Ensemble music workshops. All three components of the music course are compulsory. Students must complete all components as a part of their Year 10 music studies.

The Arts - Media

Media Arts (Semester)

Proposed Cost: \$35.00

This course is designed to build on Media skills developed in previous years, however students that are willing to develop skills quickly and have a strong interest in the media are encouraged to select the course. Students will concentrate on using advanced codes and conventions in genres such as horror, science fiction, western, TV news and/or documentary. You may also have the opportunity to learn advanced editing skills using software such as Adobe After Effects and green screen studio environments. Along with this, you may also work within a broadcast environment, operating television studio equipment such as switchers and multi-cam setups.

You will also develop planning skills including scriptwriting and build on your responding skills through written tasks. It is expected that all students participate in all aspects of the production process, such as being on camera and editing on computers. This course is highly beneficial to those students considering studying ATAR Media Production and Analysis and/or Certificate III in Screen and Media. **This course can be selected in both Semester 1 and Semester 2.**

The Arts - Visual Arts

2D Visual Art Painting & Printmaking (Semester)

Proposed Cost: \$45.00

Take your drawing, printing and painting skills to the next level in this intensive Visual Arts course. This intensive course is designed for students who wish to unlock their creative potential and is ideal for those who are keen to take their artistic skills to the next level. It is designed for students who have a strong or growing interest in the Visual Arts. This intensive course will help students learn the secrets to creating highly realistic drawings and paintings. Students will create detailed drawings using careful observation of complex subject matter. Students will learn about representation, spatial awareness and compositional design. Advanced drawing techniques will lead to resolved studio paintings for display. This course will prepare you for the senior school ATAR, VET or General Visual

Arts course. It will give you the head start you need to develop strong drawing and painting skills to be successful right from the start. No previous knowledge or special skills are required.

At the end of the course students will have produced at least one work for display.

3D Visual Art Sculpture & Ceramics (Semester)

Proposed Cost: \$50.00

This is a highly practical course designed to provide students with a stimulating, engaging and hands-on learning experience.

Students will use collage, drawing and photography to combine unusual elements as the creative starting point for developing design ideas for artworks moving onto using a range of basic studio sculpture techniques and processes. This course lays the foundation for students wanting to study the senior school ATAR, General or VET Visual Art course. Students will develop artworks using a variety of studio techniques, materials and processes. This course is fun and students will get the chance to create both two and three dimensional artworks. Students will get the opportunity to work with clay. No previous knowledge or special skills are required.

At the end of the course students will have produced at least one work for display.

Illustration & Graphic Design & Drawing (Semester)

Proposed Cost: \$35.00

This course is focused on exploring how traditional art skills and techniques in drawing can be combined with digital technology to create graphic design and illustrations. Students will investigate the scope of digital media as a tool to develop artwork for the 21st century, making use of the computer (WACOM & ADOBE), camera (still and video), and smart devices to produce innovative artwork. They will develop Arts Language specific to Digital Art; an understanding of the conventions of Digital Art; and an appreciation for the role of Digital Art in the history of human development. Students will produce at least one major digital work for display and will keep a folio of skills and techniques for assessment. This course lays the foundation for students wanting to study the senior school ATAR, General or VET Visual Art course.

Health and Physical Education

Outdoor Pursuits (Semester)

Proposed Cost: \$50.00

This subject is designed to develop understanding and competence in dealing with the natural environment, with emphasis being placed on self-management and safety.

Students will continue to develop their skills in hiking and orienteering, first aid and risk management, conservation and environmental awareness, Trangia cooking, roping and camping skills.

Students will also undertake outdoor recreational sports as archery and bocce.

This course has both practical and theoretical components. Due to the nature of the activities a high level of personal responsibility and safety is required, therefore selection in this course will be based on student's behaviour records at the college and at the discretion of the PE department.

The anticipated cost for curriculum based excursions for course is approximately \$200 which will be required for excursions over the duration of this course.

Sports Science: General (Year)

Proposed Cost: \$60.00

The Sports Science Specialist group will have the opportunity to undertake additional Physical Education lessons on select focus sports and best prepare students for subjects on offer in upper school from the HPE department such as Physical Education Studies. As well as a skills and gameplay focus students will also have the opportunity to develop their knowledge of a variety of other topics such as:

- Coaching and Umpiring
- Exercise Physiology
- Anatomy
- Biomechanics
- Sports Psychology

Sports Science: AFL Focus Program (Year)

Proposed Cost: \$60.00

The AFL Focus Program is an opportunity for aspiring AFL players to undertake 2 sessions per week with a focus on developing the skills, attributes and knowledge needed to play AFL at a high level.

The program also prepares students with the Sport Science elements involved in AFL consisting of:

- Skills, Strategies and Tactics in AFL – Playing and Umpiring
- Functional Anatomy – Injury prevention and management
- Exercise Physiology – Fitness testing and assessment
- Biomechanics – Technique analysis
- Motor Learning and Coaching – Leading AFL training sessions

The course will be delivered by staff with many years of playing and coaching AFL at varying levels as well as using links from our zoned WAFL club, the South Fremantle Football Club. Students will have access to a full size AFL oval at Byford Secondary College and also the state of the art Fitness Centre where students will develop their AFL skills and fitness and also their knowledge and understanding of the Sport Science components of AFL.

Students in the program will form the base of the College's interschool AFL team, a competition which the Year 8/9 team were successful in winning in 2017.

This course best prepares students with the necessary AFL skills and knowledge to achieve in the senior school pathways of Physical Education Studies at an ATAR or General level.

Sports Science: Netball Focus Program (Year)

Proposed Cost: \$60.00

The Netball Focus Program is an opportunity for aspiring netballers to undertake 2 sessions per week with a focus on developing the skills, attributes and knowledge needed to play netball at a high level.

The program also prepares students with the Sport Science elements involved in netball consisting of:

- Skills, Strategies and Tactics in netball – Playing and Umpiring
- Functional Anatomy – Injury prevention and management
- Exercise Physiology – Fitness testing and assessment
- Biomechanics – Technique analysis
- Motor Learning and Coaching – Leading netball training sessions

The course will be delivered by staff with many years of playing and coaching netball at varying levels as well as using links from Netball WA. Students will have access to indoor and outdoor netball courts and also the state of the art Byford Secondary College Fitness Centre where students will develop

their netball skills and fitness and also their knowledge and understanding of the Sport Science components of netball.

Students in the program will form the base of the College's High Schools Cup Interschool Netball team, a competition which the Byford Secondary College students have been very successful in during our foundation years.

This course best prepares students with the necessary netball skills and knowledge to achieve in the senior school pathways of Physical Education Studies at an ATAR or General level.

Technology and Enterprise

Food Science: Food for Health (Semester)

Proposed Cost: \$75.00

In Year 10, for one semester, students study healthy eating through the knowledge of nutrients and the application of the principles of food safety, preservation, preparation, presentation and sensory perception. Students will prepare a range of nutritious meals with a focus on local foods, as well as a range of ethnic dishes that apply authentic techniques, ingredients and utensils. The course promotes the development of independence, encourages working cooperatively in small or large groups and allows students to develop confidence within the kitchen environment.

This course is a good introductory course for senior school Food Science.

Food Science: Food for Entertaining (Semester)

Proposed Cost: \$75.00

In Year 10, students study "Food for Entertaining" for one semester. The course allows students to diversify their skills in the kitchen. Students will learn the importance of food safety, (particularly when preparing for large groups) the importance of menu planning, different cookery methods and techniques, food presentation, food service, time management as well as improve their knife skills. The course encourages working in small and large groups as well as developing confidence in the kitchen.

This course is a good introduction course for senior school certificate in Hospitality, as well as Food Science.

Caring for Children (Semester)

Proposed Cost: \$30.00

In Year 10, students study "Caring for Children" for a semester. The course focuses on early human development from conception to early childhood. Students will learn both prenatal and antenatal care, child developmental milestones and the roles and responsibilities of caregivers. The class offers a practical approach to learning with the students producing play items as well as meals suitable for toddlers. This is a good introduction to the senior school Child, Family and Community course.

Textiles (Semester)

Proposed Cost: \$30.00

In Year 10, students study Textiles for a semester. The course focuses on advancing the students machining and overlocker skills as well as using other specialised textile equipment. Style and design are strong components of this course. Through textile art, recycled fabric investigation and embellishment students will be able to express their creativity to produce simple items.

This course is a good introductory course to senior school Materials, Design and Technology-Textiles.

Please note that students will be required to purchase their own fabric and materials.

Textiles Fun with Fashion (Semester)

Proposed Cost: \$40.00

In Year 10, students study “Fun with Fashion” for a semester. Students will further extend their machining and overlocking skills with a focus on fashion, clothing items and accessories. Students will investigate the nature and properties of materials, elements of design and use commercial patterns.

This course is a good introductory course for senior school Materials, Design and Technology - Textiles.

Please note that students may be required to purchase their own fabric and commercial patterns.

Wood Technology (Semester)

Proposed Cost: \$55.00

This subject deals with refinement of manipulative skills in the areas of marking, sawing, paring, planning, drilling, lathe work and finishing with both hand and power tools. Students will be required to understand and explain a wide range of related topics as they make individual timber projects. Students will broaden their understanding of natural timber, woodworking skills and the designing process.

Students must have their own safety glasses.

Metal Technology (Semester)

Proposed Cost: \$55.00

Metals Technology is available to students to develop competence with specialised equipment, power tools, hand tools and various metal construction techniques. Students will develop an understanding of a range of metal bending, forming and joining methods, machine tool skills and related theory topics. Fabrication projects will be developed from the design to the construction stage while promoting student’s self-confidence and safe working practices. This unit is excellent preparation for any student planning a career in the Metal and Engineering trades.

Students must have their own safety glasses.

Design Graphics (Semester)

Proposed Cost: \$20.00

This is a consolidation unit which looks at industrial design and develops student’s technical graphics skills with extensive use of computers and digital drawing technology. The course has modern resistant materials at its core with a strong focus on 3D printing, laser cutting and emerging manufacturing techniques. Specific projects may vary and will depend upon material availability and the particular interests of the class.

Students must have their own safety glasses.

Building and Construction (Semester)

Proposed Cost: \$55.00

Students will experience and develop skills in a range of building skills including carpentry, plasterboard, surveying, tiling and concreting. This is an excellent introduction to these trade areas and will build the foundation skills for entry into the Certificate II Construction Pathways course in Senior School.

Digital Technologies (Semester)

Proposed Cost: \$55.00

Digital systems are everywhere, mobile and desktop devices and networks are transforming learning, recreational activities, home life and work. Digital systems support new ways of collaborating and communicating, and require new skills. Technologies are an essential problem-solving toolset in our knowledge-based society.

This subject includes a study of computer technologies to solve problems and design and make products. Computer technologies includes the use of; internet, email, software, hardware, printers and digital media. This Technology unit specialises in problem-based learning as students construct knowledge by communicating effectively with technologies for a variety of specialised audiences.

This may include:

- Game Development (e.g. design, program and appraise own game)
- Multimedia (e.g. creating and manipulating images, 2D Animation, Video and Sound editing)
- Web Page Design (e.g. A culmination of new and previous learned software including coding components)
- Adobe Suite 2D Animation, Action Scripting etc.

The subject articulates with the senior courses of Applied Information Technology but is not a prerequisite for this future study. It is also a good introduction for students who may be interested in pursuing a Certificate III or IV in Information Technology or considering Computer Science General/ATAR or Applied Information Technology General/ATAR.

Jewellery (Semester)

Proposed Cost: \$45.00

This exciting course introduces students to basic jewellery techniques, skills and processes such as saw piercing, soldering, filing, attaching findings, buffing, texturing metal, problem solving and sketching used in the creation and fabrication of wearable jewellery and accessories such as ear rings, bracelets, pendants and brooches. Some projects in art metal work will also be possible.

English

Writing Short Stories and Poetry (Semester)

Proposed Cost: \$35.00

During this Semester program, you will read, discuss and a range of text types with a focus on local and international short stories and poetry. You will learn how to publish a creative piece of work while meeting and learning from published authors. You are also encouraged to enter a range of writing competitions for young authors (see the competition list). Finally, you will also have the opportunity to attend a creative writing workshop with a published author!

Writing Non Fiction (Semester)

Proposed Cost: \$35.00

During this Semester program, you will read, discuss and explore a range of text types with a focus on writing non-fiction such as memoir, blogs, and feature articles for a youth market. You will learn how to publish a creative piece of work while meeting and learning from published authors. You are also encouraged to enter a range of writing competitions for young authors (see the competition list). Finally, you will also have the opportunity to attend a creative writing workshop with a published author!

Reading the Canon (Semester)

Proposed Cost: \$35.00

This unit will introduce students to the Western Canon of literature and require them to read challenging texts they may not ordinarily select to read. The texts selected will include classic novels, short stories and at least one drama text.

Assessment types: responses to texts (written and spoken), research task.

Humanities and Social Sciences

Tourism (Semester)

Proposed Cost: \$25.00

This course introduces students to the diverse and interesting field of Tourism. Students will look at why people travel to particular places and what makes locations tourist attractions. Students will also investigate the different ways people travel, including backpacking, tour packages and ecotourism. The study of tourism gives students a range of diverse opportunities and enables them to gain many different transferable skills including time-management, planning, problem-solving, budgeting, communication, leadership and teamwork skills. Students will create travel itineraries and brochures for use in the tourism industry. Tourism provides a good introduction to the following ATAR and General courses in senior school: Geography, History, Career and Enterprise and Certificate II Tourism.

Business and Marketing (Semester)

Proposed Cost: \$25.00

Business and Marketing encompasses the theoretical and practical aspects of business in ways students will encounter throughout their lives. It offers learning from the planning of a small business to the management of operations, marketing, finance and human resources in large businesses.

Students will investigate the tricks advertisers use to get consumers to buy their products, learn how to establish a small business and develop decision-making skills. As their major task, students will be asked to create their own small business idea and employ the advertising and marketing techniques they have learned to promote and launch their business on a market day. Business and Marketing provides a good introduction to the following ATAR and General courses in senior school: Economics, Career and Enterprise and Certificate II Business.

Criminal Investigations (Year)

Proposed Cost: \$40.00

Criminal Investigations allows students to investigate the exciting world of forensics, law enforcement and criminal psychology. Topics within this course include crime scene investigation, facial imaging and profiling, historical case studies and digital crime. Students will investigate legal issues relevant to youth, as well as Australian and international law. Students will also use a wide variety of software and technology when preparing reports and assignments and develop a broad range of transferrable skills including research, problem-solving, communication, leadership and team-work skills. Criminal Investigations provides a good introduction to the following ATAR and General courses in senior school: Politics and Law, Career & Enterprise, Modern History and Psychology.

Students selecting this course should have attained a C Grade or higher in Year 9 HASS.

Past the Middle Ages: Witch crazes and Beyond (Semester)

Proposed Cost: \$25.00

You've looked at the Middle Ages and you have seen what their belief system (and their health system) left life like for them. But how did the change happen? And what made the belief system change? It wasn't an *all at once thing* ... before people started really looking at Science and Philosophy some people were accused of witchcraft. Want to know about what happened at the end of the Middle Ages that led to the Age of Exploration? Well, this is the unit for you! We will start out looking at the final witch craze to happen: mainly the Salem Witch Trials and see how these trials were a reaction to the changing beliefs and philosophies that had affected people prior to the Middle Ages. We will also look at the ideas that people came up with that have led to modern society as we know it today. To know where we are going is to know where we have come from, and this unit will help you do this through both primary and secondary sources and lots of interactive activities.

Ancient Empires (Semester)

Proposed Cost: \$25.00

This elective course will examine the beginning and fall of Ancient Roman and Egyptian Empires. These Empires lay at the foundation of the modern world, and we are surrounded by their legacy. The Romans and Egyptians struggled with many of the same crucial issues as we do: globalisation, the clash of civilisations, and the decline of great powers. Ancient Empires as an elective allows students to learn more about humanity through ancient cultures and civilisations, key figures in history, and the developments which shaped our perceptions of Ancient Rome and Egypt. This unit will give students seeking a future in History an opportunity to explore their perceptions of history, while gaining a broader knowledge of subject area content.

Science

Powering Careers in Energy (Year)

Proposed Cost: \$30.00

Chevron Australia - Powering Careers in Energy provides students with the opportunity to explore and understand the broad range of career options available within the Oil and Gas industry in WA. Students study five units in all covering a wide variety of aspects of the energy industry. An Introduction to Energy will help introduce students to the role of energy in our community with a focus on aspects of the LNG value chain. Chevron operates in many diverse communities around the globe. Students will have the opportunity to understand and explore cultures as well as develop knowledge about Australian cultural heritage, native title and how these aspects shape the modern resource industry.

Astronomy (Year)

Proposed Cost: \$30.00

This course provides a broad overview of Astronomy and our place in the Cosmos. It covers the solar system and its exploration, stars, galaxies and cosmology, the Earth as a habitable planet and the search for life elsewhere in the universe. Scientific concepts integral to the shaping of our scientific understandings of the world around us will be investigated by making use of new scientific findings and modern technological developments. This course is suitable for Science students who have a strong interest in understanding the evolution our universe, from the Big bang to present day Astronomy.

Selection of Subjects

Subjects will be selected using **School Subject Selections Online (SSO)**. The system will open on **Wednesday 10 October 2018 and will close Friday 19 October 2018.**

For those who have limited or no connection to the internet at home, bookings may be made to access a computer at the College by contacting the College on 9550 6100.

Payment Options of Deposit for Electives for 2019

Please ensure that a 50% deposit of each elective chosen, is paid to the College no later than **Friday 9 November 2018**. Students who selected these classes and have not paid the deposit by this due date will be required to reselect their elective/s.

Please ensure the following information is entered in the details section:

Student Name, Yr, 2019
(eg: John Smith Yr 10
2019)

The College makes provision for the following payment options:

- Internet Banking to: BSB: 066040 Account No: 19904314.
- Credit Card: Visa or MasterCard only, by completing the information on this form:

<input type="checkbox"/> Mastercard	<input type="checkbox"/> Visa	Amount \$	<input type="text"/>
Card Number	Expiry Date: /		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Please print name:			
Signature	Date:		

- In person during College office hours

Note: In cases where a critical number of students selecting an elective course is not reached, this elective course may not run and students will be required to reselect.