



YEAR 9 SUBJECT SELECTION HANDBOOK 2024

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**Ngany kaadadjiny Noongar birdiya maaman, yoka, koolangka koora
koora yeyi djoowak. Nidja Noongar boodya-k ngany nyin.**

We at Byford acknowledge and pay respect to the Noongar Elders, men, women and children past, present and future. This is Noongar country I sit on.



Year 9 Elective Subject Selection Information

This booklet outlines the elective courses available to students entering Year 9 in 2024. 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 9 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

Studied for 4 hours per week, are made up of:

- English
- Health and Physical Education
- Humanities and Social Sciences
- Mathematics
- Science

Plus 1 hour:

- Career Pathways

Elective Courses

Additionally, students study elective courses for 4 hours per week. Depending on their existing compulsory courses, students can select up to 2 elective subjects per semester.

Specialist Courses

The areas in which a student can specialise in 2024 are:

- Music
- AFL
- Netball

There may be a trial or audition process to gain entry into these subjects.

All subjects require a minimum student attendance for the class to go ahead, in cases where this is not met students will be asked to reselect their electives. Preferences are not guaranteed due to timetable configuration and class capacity.

***Please return Course Selection Sheets to Administration Reception by
FRIDAY 25TH AUGUST.***

Course Summary

Year 9 Course Selection 2024

	LEARNING AREA	COURSE DETAILS	
Compulsory Courses	English	9ENG	English
	Mathematics	9MATH	Mathematics
	Science	9SCI	Science
	Humanities & Social Sciences	9HASS	Humanities and Social Sciences
	Health & Physical Education	9PEHPC	Health & Physical Education, Pastoral Care
	Career Education	9PATH	Pathways
	All courses below are semester long unless stated as Year Long – Number from 1 through to 6 below		
Elective Courses	The Arts & Languages	09AGM	General Music (Semester 1 only)
		09ASM	Specialised Music (Year Long)
		09ADR	Drama
		09DD	Dance (Year Long)
		09ASPD	Cheer-Dance (Year Long)
		09A2D	Painting & Printmaking
		09A3D	Ceramics & Mosaics
		09AMP	Photography
		09AFM	Filmmaking & Television
		09AMG	Video Game Design & Production
		09GLS	German (Year Long)
	English	09ECW	Creative Writing
		09EDB	Debating
	Health & Physical Education	09POP	Outdoor Pursuits
		09PSS	Sports Science (Year Long)
		09PESA	Specialised AFL Program (Year Long)
		09PESN	Specialised Netball Program (Year Long)
	Humanities and Social Sciences	09HLS	Legal Studies
		09HHR	Human Rights Around the World
	Science	09SIA	Introductory Astronomy
		09SLS	Landcare and Sustainability
	Technologies	09TFD	Food Science
		09TSF	Food Science (Year Long)
		09TTX	Fun with Fabrics
		09TRE	Robotics Engineering
		09TMC	Mechatronics – Drag Racing and Engineering
		09TWT	Wood Technology
		09TMT	Metal Technology
		09TDG	Design Graphics
		09TJE	Jewellery
		09TDT	Digital Technologies
		09TCC	Caring for Children

The Arts & Languages

Head of Learning Area: Craig Miles

Email contact: craig.miles@education.wa.edu.au

General Music (Semester)

Cost: \$30.00

Subject Code: 09AGM

Want to learn how to create electronic music? Want to learn how to play a song of your choice? Then this course might be for you. This course has a focus on digital composition and developing basic skills on a variety of instruments such as: keyboard, guitar, bass guitar and drum kit. In this course you will have the opportunity to create your own digital composition and learn songs solo and as a group. Prior experience on an instrument is not necessary for this course and is open to students of any range of ability.

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

Specialised Music (Year long)

Cost: \$50.00

Subject Code: 09ASM

The focus of this course is for music students to develop and apply technical instrumental skills to a variety of performance and composition-based tasks. In this course you will learn cover songs and compose your own original songs, to perform at the end of year Music Showcase. In addition, there is also the opportunity to develop your music theory and responding skills through analysis, theory and aural tasks. This class applies the skills Instrumental Music students learn in their lessons and ensemble to practical and theory-based tasks in class. This course is designed for instrumental music students and students with strong existing skills on an instrument or voice, including students who receive lessons outside of school or students who were previously in the instrumental music program.

Students enrolled in this IMSS (Instrumental Music) must select this course.

Course Descriptions



Drama (Semester)

Cost: \$20.00

Subject Code: 09ADR

In this course, students will develop the skills to bring a script to life and devise their own original piece. This is a practical course where students will learn basic acting and performance skills and apply this knowledge to mounting a theatre performance using an existing script. They may also learn and apply the practical and technical skills of costume design, set design, lighting and sound. The practical nature of the course is suited to students who have a strong interest in acting and non-acting roles and who may consider this a pathway for a future career in the Arts industry. Visits to professional theatre venues and performances may form part of this course. The skills you learn in this class will also assist you in other career pathways, with critical and creative thinking, problem solving & collaboration being essential skills in all workplaces.

Dance (Year long)

Cost: \$60.00

Subject Code: 09ADD

Year 9 Dance students will focus on beginning to develop complex skills and techniques acquired in Contemporary, Hip Hop and cultural dance genres. Some of the cultural styles may include Spanish, Indian or Bollywood. You will be learning to improvise and perform, as well as composing your own pieces.

Students may also attend live dance performances to build their knowledge. This course is aimed at students who already have some dance knowledge or experience by having taken Dance in Years 7 or 8. The skills you learn in this class will also assist you in other career pathways such as critical and creative thinking, problem solving, and collaboration. Please note that as part of this year long course, students will be required to participate in all performances and concerts.



Course Descriptions

Cheer - Dance (Year long)

COST: \$150.00

Subject Code: 09ASPD

The Year 9 Cheer-Dance program is an excellent introduction to learn the foundations of cheerleading in a safe and fun atmosphere. Cheerleading is a performance-based sport that combines elements of gymnastics, acrobatics and dance. It is the ultimate team sport that develops communication, confidence, coordination and trust. Students will be taught by highly qualified teaching and coaching staff to national competition standards. You will learn the basic skills in tumbling, stunting, jumping, strength, flexibility and fitness, along with working towards a cheer and pom routine to compete at local state competitions throughout the year.

Painting and Printmaking (Semester)

Cost: \$45.00

Subject Code: 09A2D

Explore the world of painting and printmaking in Visual Art! This is a fun, hands-on course to explore a range of painting techniques and media, including water colour and acrylic paint. You will be able to bring your ideas to life by exploring the endless combinations of wet and dry techniques and painting on various surfaces, that can be used to create all sorts of interesting effects. Along with this, you can get creative with printmaking techniques, such as lino printing, etching and silk screening, you could make your own t-shirt! Students are given the opportunity to enter their artwork into some of the States most recognised high school art competitions as well as many local community exhibitions. The skills you learn in this class will also assist you in other career pathways, with critical and creative thinking, problem solving & collaboration being essential skills in all workplaces.



Course Descriptions

Ceramics and Mosaics (Semester)

Cost: \$50.00

Subject Code: 09A3D

Get hands on and creative in our exciting Ceramics and Mosaics course! Learn all about using clay and creating amazing hand-built sculptures by taking pieces from raw clay through to glazed artworks, while learning to load the kiln and firing your work yourself! Along with this, you will also create stunning mosaics, where you create your own coloured tiles, use small broken pieces to make creative, artistic pieces. Students are given the opportunity to enter their artwork into some of the states most recognised high school art competitions as well as many local community exhibitions. The skills you learn in this class will also assist you in other career pathways, with critical and creative thinking, problem solving & collaboration being essential skills in all workplaces.



Photography(Semester)

Cost: \$25.00

Subject Code: 09AMP

This course will introduce you to the basic concepts of using DSLR cameras. You will explore creative aspects of photography, such as exposure, composition, focus, light and colour. Types of photography you may focus on include landscape, nature, portrait, sports, and infrared photography or Lomography. This is a fun and exciting course where you can bring out your creative side to improve your photographic techniques and understandings. This course is a great way to start to specialise in the areas of media arts you are interested in, to work towards Year 10, 11 and 12 Media subjects. The skills you learn in this class will also assist you in other career pathways, with critical and creative thinking, problem solving & collaboration being essential skills in all workplaces.

Course Descriptions



Filmmaking and Television (Semester)

Cost: \$35.00

Subject Code: 09AMF

Welcome to the exciting world of Hollywood! You will build on your Year 8 Media Arts knowledge to create productions in styles that you'd see in blockbuster film and television. You will create an action chase scene using a range of equipment, as well as learn about multi-camera setups and television drama/sitcoms. You may work with drama students in the television unit to create your multi-camera production. This will help build vital skills that you could use in future media arts course or in the media industry. The skills you learn in this class will also assist you in other career pathways, with critical and creative thinking, problem solving & collaboration being essential skills in all workplaces.

Video Game Design & Production (Semester)

Cost: \$40.00

Subject Code: 09AMG

This exciting gaming course will introduce you to the world of production and analysis of video games. You will learn to design basic games on software such as Gamemaker, as well as familiarising yourself with game design concepts. You may also learn other aspects of video game design, such as creating characters, worlds and narratives. Along with this, you will learn about video games in filmmaking and may create other productions, such as a live-action video game and video game review. Get involved in this exciting and unique course to broaden your horizons about the media arts industry! This course is a great way to start to specialise in the areas of media arts you are interested in to work towards Year 10, 11 and 12 media subjects. The skills you learn in this class will also assist you and other career pathways, with critical and creative thinking, problem solving & collaboration being essential skills in all workplaces.

Languages

Head of Learning Area: Craig Miles

Email contact: craig.miles@education.wa.edu.au

German (Year long)

Cost: \$20.00

Subject Code: 09GLS

Do you want to increase your brain power and become a better global citizen? Then learning German might be the subject for you! With German as an official language in multiple European countries, you will get the opportunity to experience different cultures. Germany has one of the strongest economies in the world with many job opportunities in different areas, making German an excellent choice of language to learn.

You will build and improve on your speaking, reading, writing and listening skills and explore new topics to improve your vocabulary skills. You can enter in a range of languages competitions to compete with others and further develop your skills. There are opportunities to experience German outside of the classroom, such as going to the movies for the German Film Festival, going to German restaurants, learning about German food or going to German career expos!

Studying German in Year 9 and 10 could lead to studying General or ATAR German in Senior School. As you need a certain number of hours of study to do this, there may be opportunities to join a German Club outside of class time. You may also have the opportunity to go on an excursion to Germany as a Languages student in the future. Become a more active, global citizen by studying a new language!

Course Descriptions



English

Head of Learning Area: Melissa Coombe

Email contact: melissa.coombe@education.wa.edu.au

Creative Writing (Semester)

Cost: \$40.00

Subject Code: 09ECW

In this course, students will be introduced to the elements of creative writing. This unit begins the journey into the world of imaginary texts. Students will explore a range of fictional texts (dystopic, fantasy etc.) and learn how language can be adapted for different creative forms, song, poetry, short story, autobiography in different modes, oral and written and multimodal. Students will aim to contribute a piece for a competition. Students will also be inspired by the works of local writers as they participate in excursions to meet professional writers.

Debating (Semester)

Cost: \$30.00

Subject Code: 09EDB

In this dynamic course, students will develop confidence in public speaking, critical thinking and teamwork. Students will have opportunities to compete against teams within the class, as well as teams from other schools in the WA Debating League. Debating skills are easily transferrable to other learning areas and are particularly important in English. Please note, competitions will be held out of school hours.

Health & Physical Education

Head of Learning Area: Annalysse Lazzari

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Outdoor Pursuits (Semester)

Cost: \$60.00

Subject Code: 09POP

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 develop their skills in hiking, orienteering, trangia cooking, roping and camping skills, along with first aid and risk management, conservation and environmental awareness. Students will also undertake outdoor recreational sports such as archery and canoeing. 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 good standing and at the discretion of the HPE department. The anticipated cost of curriculum-based excursions for this course is approximately \$150, which will be required for excursions over the duration of this course. Should payment for these excursions not be made prior to the excursion RSVP date students attendance at these excursions will not be permitted.

Sports Science (Year long)

Cost: \$70.00

Subject Code: 09PSS

Sports Science is an extension course that aims to prepare students for the rigors of senior school HPE courses. As well as a skills and gameplay focus, students will also develop their knowledge of a variety of other topics such as Coaching and Umpiring, Exercise Physiology, Anatomy, Biomechanics and Sports Psychology.

As part of this course, students will be provided specialist coaching in rowing at Champion Lakes. The skills and concepts covered in theory align seamlessly with the rowing component. The offsite aspect of this course is a requirement that students are expected to attend.

Course Descriptions

Specialised AFL Program (Year long)

Cost: \$70.00

Subject Code: 09PESA

Pre-requisite: Year 8 AFL Specialist / or Trial

The AFL Focus Program is for aspiring AFL players to focus on developing the skills, attributes and knowledge needed to play AFL at a high level. The program 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 and motor learning and coaching
- leading AFL training sessions.

The course will be delivered by experienced staff and guest presenters from the South Fremantle Football Club. Students will develop their AFL skills and fitness, as well as their knowledge and understanding of the Sport Science components of AFL. This course 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.

Students who are new to Specilaised AFL will be required to participate in a trial prior to joining the class.



Course Descriptions

Specialised Netball Program (Year long)

Cost: \$70.00

Subject Code: 09PESN

Pre-requisite: Year 8 Netball Specialist / or Trial

The Netball Program is for aspiring netballers focus on developing the skills, attributes and knowledge needed to play netball at a high level. The program 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 and motor learning and coaching
- leading netball training sessions.

The course will be delivered by experienced staff and guests presenters from Netball WA. Students will develop their knowledge and understanding of the Sport Science components of netball. Students in the program will form part of the College 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 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.

Students who are new to Specilaised Netball will be required to participate in a trial prior to joining the class.



Humanities and Social Sciences

Head of Learning Area: Sharni Cooper-Angell

Email contact: Sharni.cooper-angell@education.wa.edu.au

Legal Studies (Semester)

Cost: \$25.00

Subject Code: 09HLS

Legal studies focuses on the interaction between society and the discipline of law and explores the role and development of law in response to current issues. Students study the legal system and how it regulates activities and aims to protect the rights of individuals, while balancing these obligations and responsibilities. This unit will examine the institutions and principles which are essential to Australia's legal system. Students will develop an understanding of the importance of rules and laws in our society, including what is 'the Rule of Law' and 'Natural Justice'. They will develop an understanding of how and why rules and laws are made and enforced. Finally, students will develop an understanding of what democracy is, and an awareness of how key legal institutions support it on a local and national scale. Most importantly, students will understand what laws affect them.

Human Rights Around the World (Semester)

Cost: \$25.00

Subject Code: 09HHR

The Human Rights course focuses on providing students the opportunity to study human rights from a wide variety of perspectives – legal, political, practical, and historical. Within this course, students will learn about the importance of Human Rights and how Australia protects and promotes human rights at home and abroad. Students will look into and investigate how some governments impinge on its citizens' human rights. Students will also learn about different non-governmental organisations (NGOs) who attempt to raise awareness around the world of the importance of human rights and how some countries infringe on their citizens' human rights. From this course students will gain vital, transferable skills in critical thinking, writing, and analysis.

Science

Head of Learning Area: Hayden McKenna

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Introductory Astronomy (Semester)

Cost: \$30.00

Subject Code: 09SIA

Astronomy and astrophysics are at the forefront of scientific discovery, with Western Australia becoming a centre of excellence throughout the world in this field.

Students will gain an understanding of several astrophysical theories and practices.

The history of astronomy and its cultural impacts are also explored. At the same time, students will improve their research and analytical skills, and develop an understanding of recent advances made within astronomy and astrophysics.

Landcare and Sustainability (Semester)

Cost: \$30.00

Subject Code: 09SLS

Are you interested in how nature works? How do animals survive, interact and evolve? How we can protect ecosystems such as the Great Barrier Reef or the karri forest in the southwest? Our natural landscapes face challenges like never before. Understanding the characteristics and how ecosystems function is crucial in protecting and creating sustainable, resilient ecosystems worldwide.

During this course, students will be participating on a hands-on level involving practical experience exploring the local ecosystems within Byford and surrounding regions. They will gain the skills to tackle many environmental issues, including land degradation, loss of biodiversity, climate change, and water management. In this course, students will be undertaking regular fieldwork in the local area to exploring the concepts of ecology, sustainability, and environmental restoration.

Technologies

Head of Learning Area: Gavan Truschel

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Caring for Children (Semester)

Cost: \$30.00

Subject Code: 09TCC

This course focuses on the importance of play in reaching development milestones in Children. Students will learn about the difference types of play, the importance of safety during play and the role of caregivers in play. The class offers a practical approach to learning with the students producing play items as well as their own rice baby, to which they will need to care for. This is a good introduction to the senior school Children, Family and Community course.

Food Science (Semester)

Cost: \$65.00

Subject Code: 09TFD

This course allows students to further develop their cooking skills as well as choose and prepare foods for health. The course focuses on analysing personal food intake, interpreting food labels and advertising of fast foods. Students also learn about home-made versus commercially prepared foods in regards to cost, nutritional value, time, taste and appearance. This course promotes the development of independence, encourages working cooperatively in small or large groups and allows students to develop confidence within the kitchen environment.

Food Science (Year long)

Cost: \$130.00

Subject Code: 09TSF

This food specialisation course allows students to further develop their practical skills, enhance their nutritional knowledge and produce suitable meals and snacks for a variety of situations. Students will investigate nutritional needs of individuals. This course encourages working cooperatively in small and large groups and enhances students' confidence in the kitchen.

Course Descriptions



Fun with Fabrics (Semester)

Cost: \$30.00

Subject Code: 09TFF

This course allows students to further develop their machining skills as well as learn how to use the overlocker to further diversify their skills. Students will explore a variety of fabrics; their construction, feel and fibre content and through learning different decorative techniques, students will construct items such as little monsters, mini patchwork cushions and simple clothing items. Please note that students may be required to supply their own fabric and basic sewing equipment.

Robotics Engineering (Semester)

Cost: \$30.00

Subject Code: 09TRE

This is a beginning course in Robotics. Our students will be entering a workforce in the future that will be dramatically changed to that of today, where many repetitive tasks are being automated and replaced by robots. In order to prepare students for the jobs of the future the Year 9 Robotics course develops STEM skills through introducing students to computer programming, robotics design and instruction and the use of technology within business, industry and our personal lives.

We will be utilising Lego EV3 kits, Lego Mindstorms Software and various other Lego Robotics Materials. Students will work hands-on in teams to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, decision making, timing sequences and propulsion systems.

Students will learn, understand and apply the following:

- How to collaborate in groups and teams
- How to design robots for specific activities and scenarios
- How to use the Lego Mindstorms programming software
- To design, develop and complete automated activities and challenge.

Mechatronics - Drag Racing and Engineering (Semester)

Cost: \$50.00

Subject Code: 09TMC

This exciting course introduces students to the basic engineering principles. Students learn about forces and apply this knowledge in practical projects such as CO2 Dragsters and Simple Machines. The critical and creative thinking, problem solving and collaboration skills practiced in this STEM course will be invaluable for 21st century learners and lead to multiple career pathways in the Engineering field.

Course Descriptions



Metal Technology (Semester)

Cost: \$50.00

Subject Code: 09TMT

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.

Wood Technology (Semester)

Cost: \$50.00

Subject Code: 09TWT

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.

Jewellery (Semester)

Cost: \$45.00

Subject Code: 09TJE

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.

Course Descriptions



Digital Technologies (Semester)

Cost: \$45.00

Subject Code: 09TDT

The focus of this subject will not only be on Digital Design, but Digital Creation and incorporate project management strategies in planning, designing and implementing digital technology solutions to a given challenge. Students will learn to apply suitable technology for intended audience such as mobile development, game development, web design, and application development.

Some of the areas that will be covered:

- Multimedia and Animation
- Phone and Game Applications
- Applications Software
- Coding and Game design
- Computer Programing
- Applied information Technology

Design Graphics (Semester)

Cost: \$20.00

Subject Code: 09TDG

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 a strong focus on 3D printing, laser cutting technologies and emerging manufacturing techniques. Specific projects may vary and will depend upon material availability and the particular interests of the class.



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