



**EMMANUEL
ANGLICAN
COLLEGE**

Learning ~ Living ~ Leading

EXPLORE AND EXTEND

2024 YEAR 10 ELECTIVE HANDBOOK



Our Purpose

We seek to grow each student to become a person of character who is inspired by excellence and adaptability, whose life is modelled on that of Jesus, and who, through courage, creativity, compassion and citizenship, strives to create a better world.

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CRICOS Provider Code:

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SECTION ONE: MANDATORY STUDIES

1.1 Introduction

The NSW Education Standards Authority has divided the curriculum into six stages. Year 9 and Year 10 represent Stage Five of this curriculum and culminate in the commencement of the first externally awarded credential known as the Record of School Achievement.

Movement into Stage Five reflects a significant development in a young person's educational journey. The nature and expectations associated with the curriculum change greatly as students are required to follow a set pattern of study and for the first time, are invited to make decisions about the courses they will undertake.

This booklet has been designed to help students and their families make informed choices about the course of study they will undertake in their journey through Stage Five.

1.1 Record of Student Achievement

The Record of School Achievement (RoSA) is issued by the NSW Education Standards Authority (NESA). The RoSA is a cumulative credential, meaning it contains a student's record of academic achievement up until the date they leave school. This could be between the end of Year 10 up until and including some results from Year 12. The RoSA records the completion of NESA developed Stage 5 (Year 9 and 10) and Preliminary Stage 6 (Year 11) courses and grades, HSC (Year 12) results and where applicable participation in any uncompleted Preliminary Stage 6 courses or HSC courses.

NESA issues the Record of School Achievement to eligible students who leave school before completing the Higher School Certificate (HSC). The RoSA is useful to students leaving school prior to the HSC because they can show it to potential employers or places of further learning.

1.2 Mandatory Studies

As part of the requirements of successful completion of the Record of School Achievement students must undertake a series of mandatory studies. These courses form the foundation of the Record of School Achievement and the Stage Five curriculum and include:

- English
- Mathematics
- Science
- Personal Development, Health and Physical Education (PDHPE)
- Australian History, Geography, Civics and Citizenship (HSIE)

Students at Emmanuel Anglican College are also required to study Religion and Philosophy (RAP).

1.3 Qualifying for the Award of Record of School Achievement

To qualify for the award of Record of School Achievement a student must:

- study courses designed by or endorsed by the NSW Education Standards Authority.
- follow a pattern of study approved by the NSW Education Standards Authority.
- apply themselves with diligence and sustained effort to the set tasks and experiences provided in the course by the school.
- achieve some or all of the outcomes in each course studied.

SECTION TWO: ELECTIVE STUDIES

2.1 Elective Courses at Emmanuel Anglican College

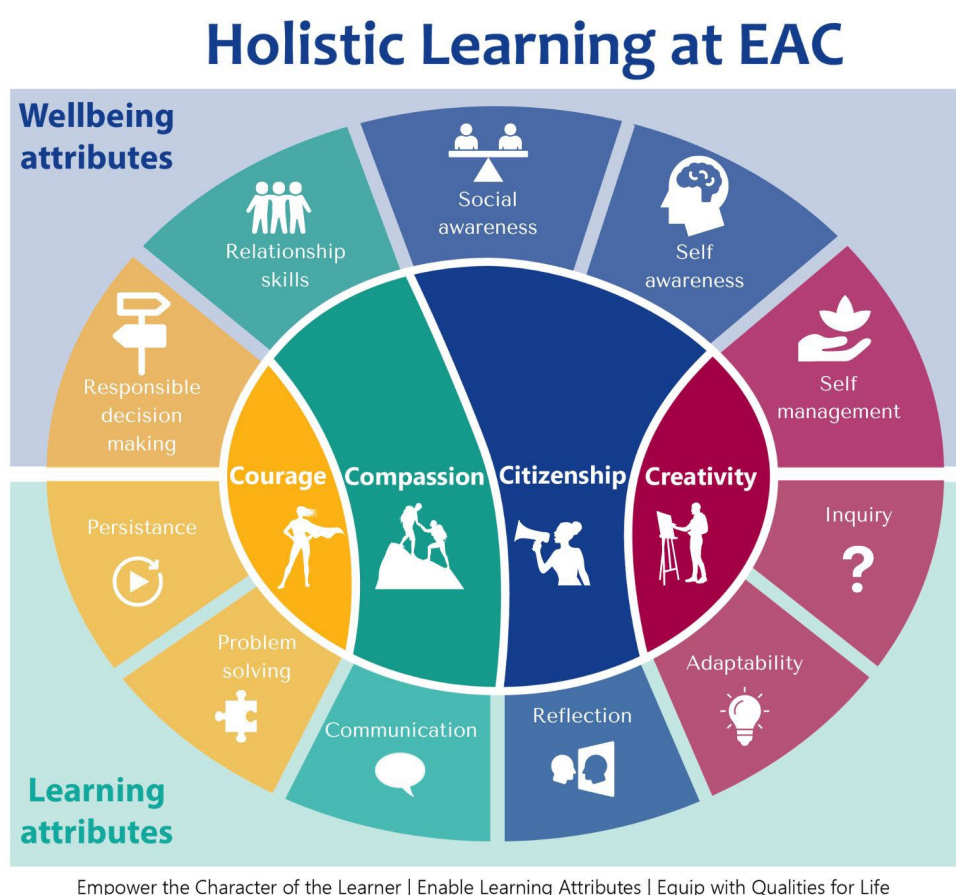
In addition to the Mandatory Studies which are listed on the RoSA, the College offers a wide range of additional studies which broaden our students' skills and experiences in Stage 5. As additional courses, these will not be listed on the Record of School Achievement but will be recorded on the Academic Report issued by the College.

Our Elective Courses in Stage 5 offer an opportunity for students to experience hands on, real world learning that develops a wide range of learning and wellbeing attributes which will equip our students for the world beyond school.

All of these courses aim to:

- Engage all students in their learning.
- Embed learning in the real world
- Breaking down traditional subject boundaries by integrating subject areas.
- Develop a wide range of learning attributes and wellbeing attributes which will equip students for the world beyond school.
- Prepare students for potential future pathways, both academic and vocational.

A summary of the learning and wellbeing attributes these courses are striving to develop is provided in the diagram below which outlines the components of the EAC Holistic Learning Framework.



2.2 Types of Courses

Our courses are designed to help students *explore* a range of areas and *extend* their learning in a specific area. As a result, we offer two study formats for elective courses:

- **Explore:** All students will explore through two single courses. These courses run for 5 periods a cycle and whilst these also develop real world skills and experiences, they allow students to have a diverse range of learning experiences.
- **Extend:** All students will extend their study with one double course. These courses run for 10 periods a cycle and offer additional time to delve deeply into topics and have extended real world learning experiences.

2.3 Courses Offered

For Year 10 in 2024, the Elective Courses on offer are summarised in the table below.

Explore	Extend
<ul style="list-style-type: none">● 5 periods / cycle● Two lines. Lines will be developed based on student preferences.● Students will study TWO of these electives.	<ul style="list-style-type: none">● 10 periods / cycle● One line.● Students will study ONE of these electives.
Computing Technology	Backyard Engineering
Drama	Design Studio
Food Technology	Journalism and Media
History Matters	Outdoor Education and Sustainability*
Industrial Technology Timber	Psychology (<i>formerly Brain Games</i>)
Japanese	Young Creators
Music	See Section Four for information about these electives.
Mathematics Acceleration (by invitation only)	
Money Matters	
Photography	
Sports Studies*	
	*Students cannot study both Outdoor Education and Sport Studies.

See **Section Three** for information about these electives.

Information about each of these subjects is provided in the course outlines in Section Three and Section Four.

2.4 Course Selection Process and Important Dates

Term 3, Week 7	30 August	<ul style="list-style-type: none">● Subject Handbook Published● Student Information Session and Subject Selection Expo● Subject selections with Edval Choice open
Term 3, Week 8	6 September	<ul style="list-style-type: none">● Subject selections with Edval Choice close
Term 3, Week 10	22 September	<ul style="list-style-type: none">● Final course allocations sent to students and parents.

2.5 Making Informed Choices

To make good decisions when choosing elective subjects, students need to make an informed choice. Subject selection should be based on a student's **interests** and **ability**. Selection of courses should never be based on what a student's friends are choosing.

In order to make an informed choice, students should:

1. Reflect on their strengths, weaknesses, the subjects they enjoy, their interests, and their possible future career paths.
2. Read over this booklet carefully with parents or carers and talk about the choices together.
3. Get more information from parents and teachers about subjects as required.

2.6 Completing the Online Subject Selection Form

An Edval Choice Web Code will be emailed to students. This code gives students access to the web form that needs to be completed for subject selection. This information will be used to determine how to arrange the elective courses on the school timetable.

The courses and units offered will be based on the overall demand and combinations that best suits the needs of as many students as possible; that is, the least number of subject "clashes" and meeting the choices of the most students. It is important to note that not every course on offer will run and the decision of what courses run will be based on student numbers in each course.

Students are asked to indicate those courses they would like to undertake in order of preference. Students will be asked to select the following from each subject category:

- Explore: Two electives and two reserve electives.
- Extend: One elective and a reserve elective.

Every attempt will be made to provide students with their top preferences, but this may not always be possible.

2.7 Subject Levies

Please note when making choices that most subjects have a subject levy, which allows these courses to embed real world learning experiences including excursions and additional equipment or resources. These have been listed on the subject information pages and are also summarised in the table below. The costs vary due to variation in what is required to deliver the courses.

Category	Course	Subject Levy
Explore	Computing Technology	\$150
	Drama	\$75
	Food Technology	\$175
	History Matters	\$150
	Industrial Technology Timber	\$120
	Japanese	\$75
	Music	\$75
	Mathematics Acceleration (by invitation only)	N/A
	Money Matters	\$150
	Photography	\$75
	Sports Studies	\$150
Extend	Backyard Engineering	\$150
	Design Studio	\$150
	Journalism and Media	\$100
	Outdoor Education and Sustainability	\$400
	Psychology	\$175
	Young Creators	\$150

If there are challenges in meeting the subject levies, please contact the college. Financial support may be available.

SECTION THREE: EXPLORE (SINGLE COURSES)

Computing Technology

Course Structure

Emmanuel Anglican College offers Computing Technology for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Description

Computing Technology focuses on computational, design and systems thinking. It also develops data analysis and programming (coding) skills..

Students Learn About

- The art of revealing hidden secrets in data. Decode patterns, unlock mysteries, and make sense of big data.
- How to turn your app and website dreams into reality.
- How to master the art of making things communicate seamlessly in your own digital universe.
- Creating simulations and games.
- Wielding advanced tech to shield data from cyber villains.
- Exploring technology ethics: Learn how to use tech and data responsibly. Protect privacy and keep cyberspace safe.



Students Learn To

Students become increasingly confident, creative, efficient and discerning when using and developing various digital products/solutions. They expand their understanding of related work environments while developing skills to equip them for further education, vocational pathways and personal interests.

Capabilities

Upon successful completion of Computing Technology, students will be capable of:

- Advanced computing skills
- Project management and thinking skills
- Critical and creative thinking
- Social and Cultural Awareness

Subject Levy

A levy of \$150 will be payable for the cost of a personal microbit and a trip to Zero Latency and SAE for a film making workshop.



Drama

Course Structure

Emmanuel Anglican College offers Drama for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Description

This course in Year 10 is designed for students who have an interest in Drama and Performance, and backstage skills. Drama as an art form is an integral part of our society and is taught in school curricula worldwide. Students will build on the knowledge and experiences acquired from Stage Four English and/or Drama in Year 9.

Students Learn About

Through a practical and experiential approach students explore improvisation, playbuilding and the study of dramatic forms such as: Acting for Small Screen or Radio, Musical Theatre, Acting Techniques, Street Theatre. The course also emphasises the creation of original theatre by students and a play production in which students will be able to participate in make-up, costume, props, scenic, lighting and other aspects of production. The course aims to develop all skills of communication and foster creativity and divergent thinking whether it is on the stage or behind the scenes.



Students will have a chance to work with industry professionals in masterclasses. As part of this course, students will go on excursions to see play productions, musicals, backstage tours of theatres and film companies, and can participate in competitions in Sydney and Brisbane.

Students Learn To

In Drama students will develop knowledge, understanding and skills through;

- Making drama that explores a range of imagined and created situations in a collaborative drama and theatre environment
- Performing devised and scripted drama using a variety of performance techniques, dramatic forms and theatrical conventions to engage an audience
- Appreciating the meaning and function of drama and theatre in society

Capabilities

Upon successful completion of Drama students will be capable of creating, performing and developing their own pieces. Students will also develop confidence for other areas of learning and life. Students will have capabilities that will prepare them for many areas of the Arts and Entertainment industries.

Subject Levy

A levy of \$75 will be payable for the cost of various materials, equipment, costumes and excursions/incursions.



Food Technology

Course Structure

Emmanuel Anglican College offers Food Technology for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Description

The study of Food Technology provides students with a broad knowledge of food properties, processing, preparation, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in relation to the production of food. Students explore food-related issues through a range of practical experiences and project based learning. The course provides students with contexts through which to explore the richness, pleasure and variety food adds to life and how it contributes to both vocational and general life experiences.

Students Learn About

Students will learn about food in a variety of settings, enabling them to evaluate the relationships between food, technology, nutritional status and the quality of life. The following focus areas provide a context through which the core will be studied:

- Food selection and health
- Food for special occasions
- Food for specific needs
- Food product development

Students Learn To

Food Technology helps students make informed decisions with regard to food. Students will develop the ability to plan, produce, present and evaluate food solutions for specific purposes. They will learn to select and use appropriate techniques and equipment in a safe and hygienic manner.

Capabilities

Upon completion of Food Technology w will be able to prepare a variety of dishes and will be able to evaluate the relationships between food, technology, nutritional status and the quality of life. They will have developed their ability to think critically and creatively and work collaboratively in groups.

Subject Levy

A levy of \$175 will be payable for the cost of food used in this course.



History Matters

Course Structure

Emmanuel Anglican College offers History Matters for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.



Course description

History Matters allows for students to investigate a wide variety of topics related to history that differ from the study of compulsory history in Year 10 HSIE. The world is opened up for students to learn about the impact of past events on current society and to challenge and question different perspectives and interpretations. The study of History Matters enables students to investigate the actions, motives and lifestyles of people over time expanding to national and world history contexts. It introduces the idea that the past contains many stories and that there is never only one uncontested version and provides for a range of learning styles and experiences that suit the interests and needs of all students. This course develops the skills for students to answer the question “How do we know?” and provide scope to explore answers.

Students Learn About

The nature of history and the methods that historians use to construct history through a range of thematic and historical studies. The construction of history is examined through options such as the changing role of museums, historical fiction, media, biography or film. Historical issues studied include the reconstruction of the past, ethical issues of ownership, preservation and conservation of the past. Features of a range of ancient, medieval and modern societies are explored and students have the opportunity to explore, question, debate about historical themes and concepts including contemporary social issues, power and authority, gender, identity, status and conflict. There are a variety of options for topics to be studied including Film as History, History Around the World and many more.

Students Learn To

- Undertake processes of historical inquiry on major historical events and groups and to apply research and communication skills
- Examine different perspectives and interpretations to understand a wide variety of viewpoints
- Undertake self guided and independent learning tasks and be autonomous in their learning
- Debate and challenge traditional viewpoints and perspectives

Capabilities

Students will develop a wide myriad of skills and capabilities including developing an inquiring mind, collaboration, critical and creative thinking, ethical and cultural understanding, taking responsible risks with learning, questioning and posing questions, metacognition and thinking interdependently.

Subject Levy

\$150 per student to cover costs such as excursions.



Industrial Technology Timber

Course Structure

Emmanuel Anglican College offers Industrial Technology Timber for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Description

This course is designed for students to develop their ability to work with timber as a resource. Through individual and group tasks, performed over a range of projects, this practical-based course delivers the relevant knowledge and skills needed by students to work with timber. Development of technology skills and information about career opportunities within this area are also important aspects of the course.

Students Learn About

Students will learn about the design, production and evaluation of quality products, processes and the interrelationship of design with other areas of study. Students develop an appreciation for timber as a natural resource and its impact on the individual, society and the environment through the study of past, current and emerging technologies. Students also explore ethical, sustainable and responsible design, preferred futures and innovation through the study of industry specialists.



Students Learn To

Students learn to be creative and innovative in the development and communication of solutions. They work as individuals and members of groups to identify, analyse and respond to needs through research and experimentation leading to the development of quality design projects. They learn about Work Health and Safety to manage and safely use a range of materials, tools and technologies to aid in the development of their projects. An Industrial Technology student will critically evaluate their own work and the work of others. Individual design projects provide them with the opportunities to develop their skills through the use of a range of project development and management skills.

Capabilities

Upon successful completion of Industrial Technology students will be capable of:

- Critical and creative thinking
- Ethical understanding
- ICT capability
- Intercultural understanding
- Literacy
- Numeracy
- Basic hand and power tool operation
- Personal and social capability (collaboration and teamwork)

Subject Levy

There will be a \$120 charge to cover the cost of materials.



Japanese

Course Structure

Emmanuel Anglican College offers Japanese for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.



Course Description

Stage Five Japanese encompasses all the educational and social benefits of learning a second language. The language learning journey provides enrichment, understanding and increased cultural literacy to all students.

Contemporary research and practice have established a clear link between the learning of languages and improved literacy skills for both background speakers and second language learners. Students gain in depth knowledge of the way language works, applicable to Japanese and their broader studies, as even limited experience of the learning of languages is proven to increase metalinguistic awareness and enhance general cognitive development.

Studying Japanese provides access to the language and culture of one of the global community's most technologically advanced societies and one of Australia's largest trading partners. Linguistically, students

learn to confidently use two Japanese writing scripts, Hiragana and Katakana, and a moderate number of Kanji.

Students Learn About

Japanese grammar systems and the connection between language to culture. They will explore the language surrounding daily life, travel, shopping, work, and customs. As a part of the global community, they will learn the skills and tools required to be proactive and confident in cross cultural communication and international business.

Students Learn To

communicate in Japanese. Using Japanese in daily interactions such as, making plans, expressing opinions, travel plans and shopping exchanges. In learning a language, students will form an understanding of the Japanese culture and language, helping the to build international friendships, awareness, adaptability and confidence.

Capabilities

By choosing Japanese, students in Stage Five have the unique opportunity to continue to build on a strong foundation of Japanese language study until the end of Year 10. At the successful completion of this course, students will demonstrate reading and writing proficiency across three scripts, the ability to ask questions, to navigate Japan for travel and commerce, conjugate verbs, use adjectives to describe and relay information, make plans, set dates, express opinions and initiate conversations in Japanese.

Subject Levy

\$75 per student for excursions and other points of interest related to the units of this course.



Mathematics Acceleration

Course Structure

Emmanuel Anglican College offers Mathematics Acceleration for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Eligibility

This subject is available to selected students by invitation only at the start of Year 9. Only students who have been involved in the Acceleration program in Year 9 in 2023 are able to select this as an elective in Year 10.

Course Description

Acceleration aims to develop and extend those students who have displayed significant potential and talent in the area of Mathematics by completing the compulsory Year 9 and 10 Mathematics courses throughout a single year instead of over 2 years. This would then allow these students to commence Year 11 Mathematics studies a year earlier.

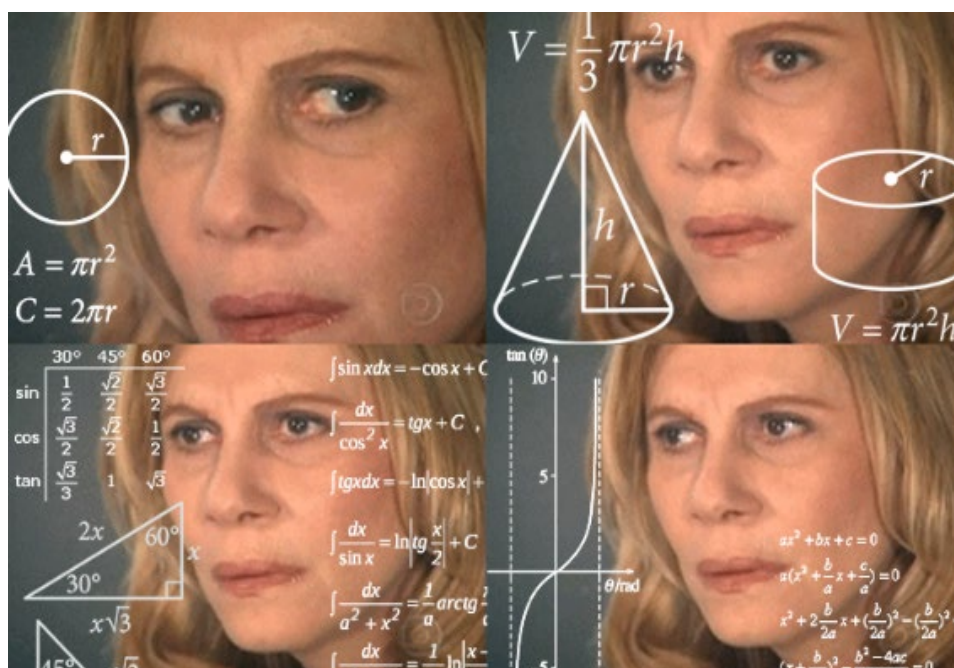
This program demands commitment from parents and students for three continuous years. Students will complete the Record of School Achievement (ROSA) in Mathematics, Preliminary High School Certificate and the High School Certificate (HSC) in Mathematics under a modified time frame.

How the program works:

- In Year 9, students will work to complete the RoSA in Mathematics, completing all their Stage 5 content.
- In Year 10, students commence the Preliminary HSC in Mathematics and Extension 1. This will be completed by the conclusion of Term 3, Year 10.
- The HSC (Year 12 equivalent) begins in Term 4 of Year 10
- The remainder of the HSC course is completed in Year 11 with students sitting the exam in October

Student information

Students must be aware that the Mathematics Acceleration program will take the place of one of their single time electives, in addition to before school classes.



Money Matters

Course Structure

Emmanuel Anglican College offers Money Matters for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Description

Money Matters is an elective course offered for year 10 students covering a range of topics. It provides the knowledge, understanding, skills and values that form the foundation on which young people make sound decisions about consumer, financial, economic, legal, political and employment issues. Throughout the course students are encouraged to develop a range of problem-solving and decision-making skills that will allow them to make correct consumer decisions and become life long learners. The course develops in students an understanding of commercial and legal processes and competencies for personal consumer and financial management.

Central to the course is the development of an understanding of the relationships between consumers, businesses and governments in the overall economy. Added to this the course will provide students with practical real life experiences through the engagement of local businesses. Engagement with the local university in the field of law will also form part of the practical aspect of this course.

Students Learn About

Students will study the core topics of Law, Society and Political Involvement and Employment. Options available to study will include Investing, Towards Independence, Law in Action and Our Economy. In the Investing option students will participate in the ASX Sharemarket Game where they will invest in shares traded on the Australian Stock Exchange in real-time over a two month period. As part of the legal unit students will participate in mock trials and visit local courts.

Students Learn To

The aim of the Money Matters is to enable young people to develop knowledge, understanding and skills that will in turn enable them to research and develop solutions to consumer, financial, economic, business, legal, political and employment issues in order to make informed and responsible decisions. By developing their consumer and financial literacy they will be able to participate in the financial and legal systems in an informed way. It is a course where students are able to apply the content knowledge to real-life situations and contexts.

Capabilities

Upon successful completion of Money Matters students will be capable of:

- Critical and creative thinking
- Ethical understanding
- ICT capability
- Intercultural understanding
- Literacy
- Numeracy
- Personal and social capability (collaboration and teamwork)



Subject Levy

\$150 per student for excursions and other points of interest related to the units of this course.



Music

Course Structure

Emmanuel Anglican College offers Music for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Description

This course is designed for students who have an interest in Music as an art form. Stage 5 Music builds on the knowledge and experiences acquired from Stage Four Music. The aim of the course is to provide students with the opportunity to acquire the knowledge, understanding and skills necessary for active engagement and enjoyment in performing, composing, and listening, and to allow a range of music to have a continuing role in their lives. The course will provide an excellent platform for developing lateral thinking, collaboration, and creativity. These are important, transferable skills to any subject and the real world.



Students Learn About

- The musical concepts within a variety of musical genres including Rock, Jazz, Blues, music of other cultures and Art Music.
- The fundamentals of musical notation for use in composition and performance.
- The use of technology for use in composition and performance.
- The basic principles of sound engineering.
- Music promotion.

Students Learn To

- Perform – through regular performance opportunities students will develop their solo and/or ensemble techniques.
- Compose – by exploring, experimenting, improvising, organising, and arranging music, students will develop their compositional skills.
- Listen – through the analysis and discussion of music within a variety of genres, students will establish an aural awareness about music.



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Capabilities

Upon completion of the course, students will have developed skills regarding collecting, analysing and organising information, communicating ideas, planning and organising activities, collaboration, problem solving, numeracy, ICT skills, as well as musical performance, composition and listening skills.

Subject Levy: A levy of \$75 will be payable for ongoing cost of purchase and maintenance of musical instruments and equipment.



Photography, Film and Digital Media

Course Structure

Emmanuel Anglican College offers Photography, Film and Digital Media for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Description

This course is designed for students who have an interest in the photographic discipline. Students study both practical and theoretical approaches to photographic and film practice. Students use a variety of cameras and lenses.

Students Learn About

Students learn a range of topics on film and photography: the functions of the camera (shutter speed, aperture, ISO, focal length, etc.); what makes a successful image; the history of film and photography; photojournalism; Australian and international Photography; black and white photography and film making.

Students Learn To

Students learn to make still and moving images that address a number of themes from landscapes to portraiture, site studies, macro, photographic artists' books, food photography and much more. Students also learn to value and appreciate the significant contributions photographers have made to our society.



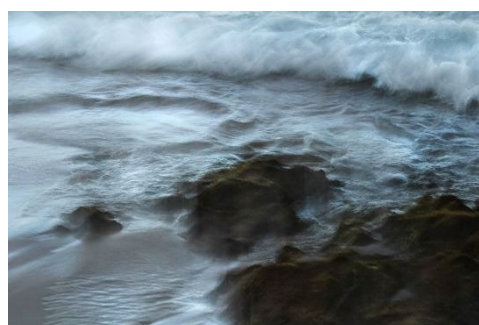
Capabilities

Upon successful completion of *Photography, Film and Digital Media* students will be capable of creating and developing their own pieces, bodies of work and short films. They will apply themselves with intellectual autonomy, diligence and sustained effort to the set tasks and learning opportunities provided by the College. Students will also develop confidence for other areas of learning and life as the creative process enables risk taking and an understanding of design thinking. Students will have capabilities that will prepare them for many areas of the Arts such as film, photography, animation, fashion, television, media, graphic design, architecture, advertising, art direction, being a historian, critic and and/or curator.



Subject Levy

A levy of \$75 will be payable for the cost of materials associated with various creative projects throughout the year.



Sports Studies

Course Structure

Emmanuel Anglican College offers Sports Studies for study in Year 10 as a single time elective for 5 periods a cycle within our Explore category.

Course Description

Sports Studies aims to enhance students' capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others. Students will explore content through three areas of study: Foundations of Physical Activity, Physical Activity and Sport in Society and Enhancing Participation and Performance.

Students Learn About

Students will study the concepts of participation, movement and physical literacy, interaction, change, resilience, enhancement, empowerment and social responsibility. The course will include a selection from the following modules:

- Body systems and energy for physical activity
- Fundamentals of movement skill development
- Nutrition and physical activity
- Participating with safety
- Coaching
- Enhancing performance
- Sports technology, participation and performance

Students Learn To

In Sport Studies, students learn to work collaboratively with others to enhance participation, enjoyment and performance in physical activity and sport, display management and planning skills to achieve personal and group goals in physical activity and sport, perform movement skills with increasing proficiency and analyse and appraise information, opinions and observations to inform physical activity and sport decisions.

Capabilities

Upon successful completion of Sport Studies, students will have the opportunity to develop their numeracy, literacy, ICT and social and personal capabilities, their ethical and intercultural understandings and their critical and creative thinking. Other important areas of learning include civics and citizenship, difference and diversity and work and enterprise.

Subject Levy

A levy of \$150 will be payable for the cost of various materials, equipment, and excursions/incursions.



SECTION FOUR: EXTEND (DOUBLE COURSES)

Backyard Engineering

Course Structure

Emmanuel Anglican College offers Backyard Engineering for study in Year 10 as a double time elective for 10 periods a cycle within our Extend category.

Course Description

This course is designed for students who are keen problem solvers, constructors and hands-on learners, and those that have an interest in STEM fields such as engineering, technology and applied sciences and mathematics. Students will build on the knowledge and experiences acquired from Stage Four Technology and Science Subjects. Activities and tasks are developed to give opportunities to delve deep into real world engineering challenges.

Students Learn About

Students will study the concepts of rocketry and projectile motion; vehicles, motors and gearing; civil structures and material properties; and automated systems. Students then use these skills to solve community problems such as the increased level of homelessness in Ballina. They will also gain an increased awareness of the way Engineering professionals work and careers in Engineering areas including trades.

Students Learn To

In Backyard Engineering, students learn to design, produce, test and analyse model rockets utilising knowledge of aerodynamic principles, projectile motion and Newton's laws. They evaluate and experiment with the different materials and forces involved in civil structures and develop automated and/or sustainable solutions through project based work for current community problems. Students will explore the use of electric power in vehicles, and construct vehicles in order to experiment with gearing and energy transmission. They will also develop their skills in engineering design, drawing, construction, analysis and collaboration.

Capabilities

Upon successful completion of Backyard Engineering students will be capable of:

- Understanding engineering principles and applying these in project based work
- Undertaking research and preliminary experiments to come up with a justifiable design solution
- Selecting and utilising appropriate technologies and processes to build a solution to an engineering problem or challenge
- Performing rigorous and fair testing to evaluate the effectiveness of a solution
- Working in a timely and productive way in a collaborative environment

Subject Levy

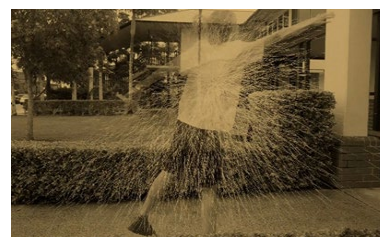
A levy of \$150 will be payable for the cost of various materials, equipment, and excursions/incursions.



Design Studio

Course Structure

Emmanuel Anglican College offers Design Studio for study in Year 10 as a double time elective for 10 periods a cycle within our Extend category.



Course Description

Design Studio aims to develop student's ability to design a wide variety of multimedia projects, including creating movies, special effects, video games, computer graphics, as well as physical products using technological solutions such as 3D printing and laser cutting. The course is targeted at students who would like to be future innovators and tech wizards through an electrifying journey packed with mind-blowing projects and cutting-edge technology.

Students Learn About

- Video Magic: Ever dreamed of directing your own movie? Get ready to rock the screen as you master the art of video production and editing. Cinematography? Special effects? Say no more – you'll be a pro!
- Bring Your Ideas to Life: Imagine turning your wildest ideas into real-world wonders. Laser cut creations like stylish clocks and LED light signs will be at your fingertips. Your room will never be the same again!
- 3D Printing Extravaganza: Who needs ordinary when you can create extraordinary? Craft custom pot plant holders, futuristic sunglasses, and even slick mobile phone cases using the magic of 3D printing.
- Gaming Galore: Ever wondered what it takes to make your own video game? Learn the ropes of 3D graphics and game design. From characters to landscapes, you'll be the mastermind behind your own virtual universe.

Students Learn To

Student will learn to use the following programs and hardware:

- Adobe Premiere Pro for video production.
- Adobe After Effects for creating video special effects.
- Adobe Illustrator for designing patterns for laser cutting.
- Autodesk Fusion 360 for designing and printing 3D creations.
- Blender for creating mind-blowing 3D graphics to level up your video game designs.
- Unity to go from code to playable game.



You won't just be exploring virtual realms. You'll also become a tech whiz in the real world using video cameras, laser cutters, 3D printers, and vinyl cutters: the tools that'll transform your visions into reality.

Capabilities

Upon successful completion of Design Studio students will be capable of:

- Creating multimedia products including movies, video games and special effects.
- Design and creating physical designs with the 3D printer, laser cutter and vinyl cutter.
- Working through the design process to develop creative and innovative solutions.
- Working in a timely and productive way in a collaborative environment.

Subject Levy

A levy of \$150 will be payable for the cost of various materials, equipment, and excursions.

Journalism and Media

Course Structure

Emmanuel Anglican College offers Journalism and Media for study in Year 10 as a double time elective for 10 periods a cycle within our Extend category.



Course Description

This course is designed for students who are keen to experience hands-on learning in journalism, converging media (audio, video, web, mobile), digital communication and multimedia storytelling.

Students Learn About

Students will study the various aspects of journalism, communication and media production. They will learn about the role of journalism in society, the history and evolution and the different types of journalism including news reporting, feature writing, investigative journalism and the impact of social media.

Students Learn To

Students delve into the world of communication and reporting. Through media literacy lessons, they gain skills to critically analyse information sources for accuracy and bias. Practical aspects include honing writing abilities, mastering interview techniques, and understanding legal and ethical considerations. Additionally, students explore the digital landscape, covering media production, social media engagement, and the impact of media on society.

Capabilities

Upon successful completion of Journalism and Media students will be capable of:

- Crafting headlines, leads, and effective story structures.
- Writing news articles, feature stories, editorials, and reviews.
- Conducting effective interviews with sources.
- Learning how to ask open-ended questions and follow-up questions.
- Ethical considerations in interviewing.
- Creating multimedia content for online platforms.
- Engaging with social media platforms for news distribution.
- Navigating the challenges and opportunities of the digital age.
- Analysing different forms of media, including print, broadcast, online, and social media.
- Deconstructing media messages, narratives, and visual elements.
- Exploring the relationship between media and culture.
- Discussing the impact of media on public opinion and social issues.



Subject Levy

A levy of \$100 will be payable for the cost of various materials, equipment, and excursions/incursions.

Outdoor Education and Sustainability

Course Structure

Emmanuel Anglican College offers Outdoor Education and Sustainability for study in Year 10 as a double time elective for 10 periods a cycle within our Extend category.

Course Description

Outdoor education is based on experiential learning where students explore and gain a deeper understanding of their surroundings. Students learn through planning and participating in outdoor experiences and reflecting on their involvement. This course is designed for students who have an interest in physical activity, outdoor education, sustainability of the local environment and participation in lifestyle activities. Students will be given the opportunity to transfer knowledge learnt and build personal and social skills across different contexts to appreciate the variety of benefits from connecting with the natural environment to support lifelong health, wellbeing and relationships. Outdoor Education and Sustainability will build on the knowledge and experiences acquired from Stage Four Personal Development Health & Physical Education. In conjunction with the school curriculum, activities and tasks will be developed to give students the opportunity to work towards CPR and APOLA school surf qualifications.

Students Learn About

Students will gain a foundation in Outdoor Education and Sustainability that will give them the opportunity to explore a broad range of outdoor education experience and identify with activities which they may pursue beyond school. Key aims of the course will include students learning;

- A range of interpersonal skills, self-management and specialised movement skills to participate safely in a range of outdoor activities and challenges.
- Technical knowledge, awareness and skills to plan and prepare for safe participation in a range of outdoor activities (e.g. Surfing, Snorkelling, Paddling, Hiking, Camping, Fishing, Climbing).
- Responsible attitudes towards respecting and protecting the natural environment
- Positive habits and behaviours to connect with the natural environment and support lifelong health and wellbeing.

Students Learn To

Students will develop personal wellbeing and a sense of place and connection as a result of a greater understanding and appreciation of the local natural environment. Outdoor education has the potential to explicitly promote and encourage on-Country learning and include Aboriginal perspectives.

Capabilities

Upon successful completion of Outdoor Education students will be able to participate in a range of outdoor activities, develop and apply their knowledge and skills to work together to be active and safe in a variety of outdoor environments. They will be able to assess risk, identifying and applying appropriate management strategies and emergency response procedures.

Prerequisite

It is compulsory for all students to be able to swim 150 metres unaided.

Subject Levy

Due to the nature of the course there will be a \$400 levy associated with the course. There will also be a fee for a camp during Term 3 of approximately \$80.



Psychology

Course Structure

Emmanuel Anglican College offers Psychology for study in Year 10 as a double time elective for 10 periods a cycle within our Extend category.

Course Description

This course is designed for students who have an interest in how the brain, mind and body work together. They will have interest in careers in the health, wellness, medicine and fitness industries. Students will build on the knowledge and experiences acquired from Stage Four Religion and Philosophy, PDHPE, and Science. Activities and tasks are developed to give opportunities to explore, interact, discuss, deepen knowledge and develop personal interests.

Students Learn About

- Basic neurology and neuroscience
- What is Psychology
- Biological basis of behaviour
- Personality and self
- Intelligence and creativity
- Psychological disorders
- Constructs of reality
- Metaphysics
- Psychology of success
- Eating for a better brain
- Breathing for a better brain
- Moving for a better brain

Students Learn To

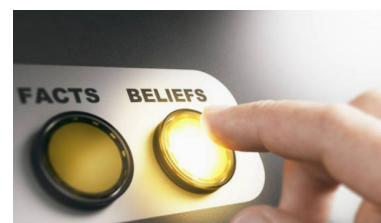
Explain how the field of psychology provides scientific explanations for the mind and human behaviour through research, theories and approaches. Students learn about diversity and variation on the nature of personality, disease, disorders, intelligence and creativity and their influence on human behaviour. They can identify a range of psychological theories and apply them in everyday life.

Capabilities

Upon successful completion of Psychology, students will be capable of higher levels of critical, sceptical, and scientific thinking. Students will be able to appreciate how people perceive the world around them and how they respond to it, how human learning develops, and how they relate to others and function within society. Students will be able to promote understanding and a critical awareness of the nature of human behaviour and the influence of biological, cognitive and socio-cultural factors on individuals and society.

Subject Levy

A levy of \$175 will be payable for the cost of various materials, equipment, and excursions/incursions.



Young Creators

Course Structure

Emmanuel Anglican College offers Young Creators for study in Year 10 as a double time elective for 10 periods a cycle within our Extend category.

Course Description

Young Creators is a College developed course that encompasses aspects of Visual Arts, but allows for greater time to build artistic skills, flexibility in what students want to study and individuality in student expression. This course is designed for students who have an interest in learning about the creative process, exploring their artistic vision and experiencing lots of hands-on art making materials. Students will build on the knowledge and experiences acquired from Stage Four Visual Arts, Year 9 Visual Arts and/or Year 9 Digital Art (although you do not need to have studied Visual Arts or Digital Art in Year 9). Activities and tasks are developed to give opportunities to grow as a creative artist who is able to work flexibly between different styles, genres and forms of art making.



Students Learn About

Students learn about the specific aspects of material practice, with a focus on selection of and experimentation with materials, processes and techniques. The course requires the study of the compulsory topics in drawing, painting, print-making, sculpture, digital-based artworks, and an individual, studio-based art practice.



Students Learn To

In *Young Creators*, students learn to think and act artistically. Through rigorous studio practice students learn to select and handle a range of materials, develop artistic skills and improve their critical and creative thinking. Most importantly, this course aims to help students strengthen their own artistic voice and make inspired works of art.



Capabilities

Upon successful completion of *Young Creators* students will be capable of integrating their experience of a variety of materials practices with contemporary issues and themes in the art world. Students will be able to research, develop original ideas, document processes, experiment with techniques, collaborate with peers, give and receive feedback, install and host art exhibitions, develop a sustained art making practice, and grow critical and creative thinking skills.

Subject Levy

A levy of \$150 will be payable for the cost of materials associated with various creative projects throughout the year.