

YEAR 9 SUBJECT SELECTION HANDBOOK 2027



EMMANUEL
ANGLICAN
COLLEGE

Learning ~ Living ~ Leading



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:

Emmanuel Anglican College Council (02449F)

Emmanuel Anglican College is a Child Safe Organisation

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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 5 of this curriculum and culminate in the commencement of the first externally awarded credential known as the Record of School Achievement.

Movement into Stage 5 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 on their journey through Stage 5.

1.2 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.

1.3 Mandatory Studies

As part of the requirements of successful completion of the RoSA students must undertake a series of mandatory studies. These courses form the foundation of the RoSA and the Stage 5 curriculum and include:

- English
- Mathematics
- Science
- Personal Development, Health and Physical Education (PDHPE)
- Human Society and its Environment (HSIE) - History and Geography
- Students at Emmanuel Anglican College are also required to study Religion and Philosophy Education (RaP).

1.4 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

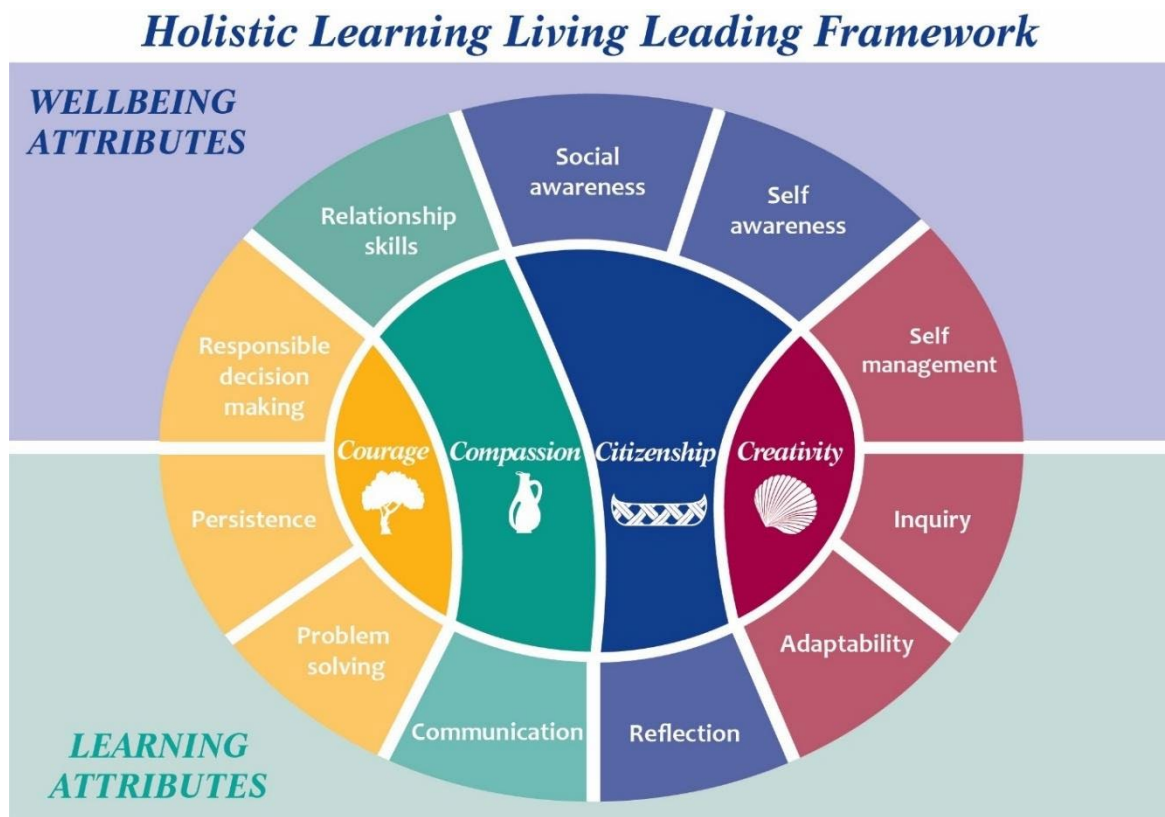
In addition to the mandatory studies which are listed on the RoSA, the College offers a wide range of additional studies which broaden our students' skills and experiences in Stage 5. As additional courses, these will not be listed on the Record of School Achievement but will be recorded on the Academic 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
- 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 Holistic Learning, Living, Leading Framework



2.2 [Types of Courses](#)

We offer electives in two study formats:

- ‘Extend’ courses: These courses offer additional time to provide students with deeper, real world learning experiences
- ‘Explore’ courses: These courses run for 5 periods a cycle and whilst these also develop real world skills and experiences, these have a smaller focus

Students will have the opportunity to study ONE Extend course and TWO Explore courses.

2.3 [Courses Offered](#)

For Year 9 in 2027, the elective courses on offer are summarised in the table below.

Extend Courses	Explore Courses
• One line. • Students will study ONE of these electives.	• Two lines. Lines will be developed based on student preferences. • Students will study TWO of these electives.
2D Animation and Design	Business Matters
Design and Architecture	Craft and Construction: Timber
Lost Civilisations: Cold Cases and Discoveries	Dance
Marine Studies and Aquaculture	Design, Code, Solve
Market Garden Café	Forensic and Biomedical Science
Outdoor Education and Sustainability	Japanese
Spotlight and Stagecraft	Music
See Section Three for information about these electives.	Photography and Digital Media
	Production Technology
	Visual Arts
	REACH Athletic Program (by application only)
	Mathematics Acceleration (by invitation only)

See **Section Four** 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	Date	Action
Term 3, Week 3	Thursday 6 August	Subject Handbook Published; Student Information Session
Term 3, Week 3	Friday 7 August	Subject selections with Edval Choice open
Term 3, Week 5	Monday 17 August	Subject selections with Edval Choice close at 3pm
End Term 3		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. The 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

Instructions on how to access the subject selections on Edval Choice will be emailed to students. The information you provide 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 suit 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 which 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:

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

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 differ due to variation in what is required to deliver each course.

Type	Course	Subject Levy
Extend Courses	2D Animation and Design (The Animators Toolbox)	\$150
	Design and Architecture	\$150
	Lost Civilisations: Cold Cases and Discoveries	\$100
	Marine Studies and Aquaculture	\$500
	Market Garden Café	\$350
	Outdoor Education and Sustainability	\$700
	Spotlight and Stagecraft	\$100
Explore Courses	Business Matters	\$50
	Craft and Construction: Timber	\$175
	Dance	\$50
	Design, Code, Solve	\$100
	Forensic and Biomedical Science	\$100
	Japanese	\$50
	Music	\$75
	Photography and Digital Media	\$100
	Production Technology	\$100
	Visual Arts	\$100
	REACH Athletic Program (by application only)	\$300
	Mathematics Acceleration (by invitation only)	N/A

SECTION THREE: COURSE CONTENT OUTLINES | EXTEND COURSES

3.1 2D Animation and Design

Course Structure

Emmanuel Anglican College offers *2D Animation and Design* for study in Year 9 as an Extend course.

Course Description

2D Animation and Design is a project based course in which students develop the creative, technical and critical thinking skills that underpin digital design and media production.

Working with software, students move from foundational drawing and design principles to producing original animated works.



Students Learn About

- Visual design foundations, including line, form, colour and composition and how layout is used in advertising, title sequences and screen media
- How professional animators plan their work using storyboards, animatics and scripts before drawing a single frame
- The 12 principles of animation, and how motion, timing and sound create compelling sequences
- How to use tools to create vector artwork, characters and environments ready for animation
- How animation is used across film, advertising, games and interactive media and related career pathways

Students Learn To

- Create original characters, props and environments, and build vector artwork using industry standard software
- Plan animated stories using storyboards and animatics to structure timing and visual flow before production begins
- Animate with purpose using the 12 principles of animation to create believable, expressive movement
- Combine animation layers, sound and transitions to produce polished animated sequences and document the design process
- Critically analyse and evaluate animations, identifying design intent, target audience and technical choices

Learning, Living, Leading at Emmanuel

2D Animation and Design develops creative thinkers and visual storytellers who use software and professional processes to solve open ended design challenges. Through collaborative critique and iterative production, students build original work and resilient design habits for creative and technology industries.

Subject Levy

A levy of \$150 is payable for materials and equipment. Please contact Mrs Ashdown for more information.

3.2 Design and Architecture

Course Structure

Emmanuel Anglican College offers *Design and Architecture* for study in Year 9 as an Extend course.

Course Description

Design and Architecture is a College developed course that draws upon aspects of Visual Arts and Design and Technology, while creating space for students to engage deeply with the built environment, functional design and creative problem solving. This course is ideal for students interested in architecture, interior design, object design and how creative thinking can shape the world around us. This course offers a balance of technical and creative skills, giving students the opportunity to explore real world design challenges, create 3D models and respond to contemporary architectural ideas and sustainable practices.

Students Learn About

Students learn about design thinking, architectural drawing and model making techniques through a variety of project based learning tasks. They will engage with case studies of notable architects, design movements and socially responsive design approaches. Topics include residential and public space design, furniture and object design, future cities and visual communication. Students will experiment with both hand built and digital methods across two and three dimensional forms.

Students Learn To

In *Design and Architecture*, students learn to design with purpose and intent. They will plan, sketch, prototype and reflect as part of a design process, developing their ability to visualise ideas, respond to design briefs and produce resolved projects. This course encourages critical and creative thinking, environmental awareness and aesthetic decision making in response to real and imagined design challenges.

Learning, Living, Leading at Emmanuel

This course supports students in developing key capabilities in creativity, communication, persistence and problem solving. These are skills essential for lifelong learning and active contribution to the world around them. Through design challenges, peer collaboration and reflective practice, students learn to think flexibly, work through complex ideas and express themselves with confidence and purpose.

Subject Levy

A levy of \$150 will be payable for the cost of various materials and equipment. Please contact Mr Raguse for more information.



3.3 Lost Civilisations: Cold Cases and Discoveries

Course Structure

Emmanuel Anglican College offers *Lost Civilisations: Cold Cases and Discoveries* for study in Year 9 as an Extend course.

Course Description

Lost Civilisations: Cold Cases and Discoveries invites students to become history detectives, investigating unsolved mysteries, vanished cultures and ancient cold cases. Using evidence and emerging technology, students explore how archaeologists, scientists and historians uncover the secrets of the past.

Students Learn About

- History, Mysteries and Unsolved Cases: Crack open the cold cases of the ancient world
- Investigate the mystery of Atlantis — myth, legend or lost reality?
- Crack open ancient cold cases using historical evidence and detective thinking
- Archaeology and Science: How does modern science rewrite ancient history?
- Decode pyramids and ancient temples; discover how DNA analysis reshapes our understanding of ancient peoples
- Investigate how archaeologists excavate and interpret ancient sites; study how forensic science is applied to historical mysteries
- High tech detectives: Finding the past from space
- Find hidden cities using LIDAR, satellite imagery and modern technology
- Explore how drones, robotics and AI are transforming archaeological discoveries

Students Learn To

- Investigate historical mysteries through research, analysis and evidence based reasoning
- Examine different perspectives and interpretations to evaluate competing theories
- Think critically about sources, evidence and how we know what we know about the past
- Undertake engaging and creative learning tasks; develop and present historical arguments with confidence

Learning, Living, Leading at Emmanuel

Students think critically and independently, ask rigorous questions and evaluate evidence about the ancient world. Through collaborative inquiry and creative investigation, they engage with history's greatest mysteries while fostering curiosity and a love of discovery.

Subject Levy

A levy of \$100 is payable for this course. Please contact Mrs Holmes for more information.



3.4 Marine Studies and Aquaculture

Course Structure

Emmanuel Anglican College offers *Marine Studies and Aquaculture* for study in Year 9 as an Extend course.

Course Description

This course is designed for students who:

- Have ever entertained the idea of being a marine biologist
- Want to gain knowledge and understanding of aquatic species and their habitats
- Would like to learn about sustainable methods of farming fish, crustaceans and aquatic plants as well as run their own aquarium
- Enjoy spending time in marine environments (eg. snorkelling, fishing, exploring rocky shores, mangrove systems and beaches)



Students undertake first hand investigations away from school, including rocky shore exploration, fish harvesting, fish farming and other marine ecosystems. They may also visit marine research facilities at Southern Cross University, Coffs Harbour and Lismore campuses. The course builds on Stage 4 Science, Mathematics, English, PDHPE and HSIE.

Students Learn About

Students learn about aquatic environments, water safety, first aid and equipment maintenance, as well as the economic sustainability of aquaculture, marine environments and wild seafood stocks.

Students Learn To

Students learn to ethically and sustainably use, manage and protect marine environments. They also learn to use fishing rods and equipment, measuring apparatus, and boating and water safety skills.

Learning, Living, Leading at Emmanuel

Marine Studies and Aquaculture empowers students to explore ocean ecosystems through hands on fieldwork and collaborative investigations. As researchers, they examine human impact on marine environments, develop evidence based conclusions and take meaningful action to protect our oceans.

Subject Levy

A levy of \$500 is payable for materials, equipment and excursions/incursions. Please contact Mr Hartel for more information.

3.5 Market Garden Café

Course Structure

Emmanuel Anglican College offers *Market Garden Café* for study in Year 9 as an Extend course.

Course Description

Market Garden Café is designed for students who have an interest in growing food, cooking and food service, from garden to plate. Students will build on the knowledge and experiences acquired from Stage 4 Sustainable Living.

Activities and tasks are developed to give opportunities for students to plan and grow a market garden, plan and cost menus and deliver food and beverage service through the Market Garden Café.

Students Learn About

Students will study the concepts of food hygiene and safety in the kitchen, food preparation techniques; appropriate storage; food presentation and service; nutrition for health; seasonal gardens; companion planting and composting.

Students Learn To

In *Market Garden Café*, students learn to grow a seasonal garden, incorporating companion planting and composting; use equipment safely; plan and prepare nutritious food; provide effective food and beverage service; collaborate and work in a team environment; plan and cost menus; promote the Market Garden Café and other related ventures such as flower sales or seed raising.

Learning, Living, Leading at Emmanuel

Upon successful completion of *Market Garden Café*, students will demonstrate initiative in managing a café environment and reflect on their strengths and areas for growth when working in a team. They will embrace diversity, develop a sustainable worldview and identify risks and opportunities when budgeting, planning and preparing café quality food.

Subject Levy

A levy of \$350 will be payable for the cost of food and plants used throughout the course. Please contact Mrs Ashdown for more information.



3.6 [Outdoor Education and Sustainability](#)

Course Structure

Emmanuel Anglican College offers *Outdoor Education and Sustainability* for study in Year 9 as an Extend course.

Course Description

Outdoor Education and Sustainability is an experiential course where students explore their surroundings through planning, participating in outdoor activities and reflecting on their experiences. It suits students interested in physical activity, outdoor education and environmental sustainability. The course supports personal and social skills, lifelong health, wellbeing and connection to the natural world. Building on Stage 4 PDHPE, students may also work towards CPR and APOLA surf qualifications through integrated activities and tasks.



Students Learn About

Students will gain a foundation in *Outdoor Education and Sustainability* that allows them to explore outdoor education experiences and identify activities they may pursue beyond school. Key aims include students learning:

- Interpersonal, self-management and specialised movement skills needed for safe participation in outdoor activities and challenges
- Technical knowledge, awareness and skills needed to plan and prepare for outdoor activities such as surfing, snorkelling, paddling, hiking, camping, fishing and climbing
- Responsible attitudes towards respecting and protecting the natural environment
- Positive habits and behaviours that connect with the natural environment and support lifelong health and wellbeing

Students Learn To

Students develop personal wellbeing, a sense of place and connection, and a greater appreciation of the local natural environment. The course may promote and explicitly encourage 'on-Country' learning and include Aboriginal perspectives.

Learning, Living, Leading at Emmanuel

Outdoor Education and Sustainability develops self-awareness, resilience, collaboration and environmental responsibility. Through immersive outdoor experiences, students build practical skills, strengthen wellbeing and foster connection, respect and stewardship for the natural world.

Prerequisite

Students must be able to swim 150 metres unaided.

Subject Levy

Due to the nature of this course, a \$700 levy is payable. There will also be a Term 3 camp fee of approximately \$100. Please contact Mrs Miller for more information.

3.7 Spotlight and Stagecraft

Course Structure

Emmanuel Anglican College offers *Spotlight and Stagecraft* for study in Year 9 as an Extend course.

Course Description

Spotlight and Stagecraft is designed for students who love all aspects of performance and technical theatre. The course can be tailored to suit students who want to explore either performance or technical, working together to produce mini scenario productions in class and shows. It offers students the opportunity to build confidence and stage presence through rehearsing and performing scenes from plays, while learning about the technical and backstage business of theatre.

Students Learn About

- Either performance and technical or a bit of both.
- The foundations of theatre and performance including voice and movement, acting skills, characterisations and script analysis
- The phases of production from script to stage, which involve directing, design, and technical

Students Learn To

- Interpret scripts, collaborate in group projects, give and receive constructive feedback, and reflect critically on their creative work
- Use basic hand tools for prop and set making, technical lighting + vision, playback audio cues, fog machines and SFX props and make-up
- Try all aspects of theatre (with encouragement)

Learning, Living, Leading at Emmanuel

Spotlight and Stagecraft challenges students to bring together the disciplines of acting, backstage and technical in imaginative and expressive ways, fostering strong creativity and communication. Students learn to persist through rehearsal and refinement, solve artistic and technical problems, and collaborate with others to bring performances to life. These experiences build confidence, adaptability, and leadership, both on stage and beyond.

Subject Levy

A \$100 levy is payable on this course (includes make-up/SFX kit). Please contact Mr Raguse for more information.



SECTION FOUR: COURSE CONTENT OUTLINES | EXPLORE COURSES

4.1 Business Matters

Course Structure

Emmanuel Anglican College offers *Business Matters* for study in Year 9 as an Explore course.

Course Description

Business Matters provides students with the knowledge, skills, understanding and values they need to participate in business or become entrepreneurs in the future. It develops students' understanding of commerce and key business competencies, including the four major business functions. *Business Matters* is based on experiential, project based and skills based learning.



Students Learn About

The fundamentals of developing a business. Students will go through the ideation process, develop a product, produce a product, market the product and sell the product. As they do this, they will develop all the skills needed to excel in business or as an entrepreneur.

Students also study the fundamentals of the financial side of business and consumerism through the Focus Area Consumer and Financial Decisions.

Students Learn To

In *Business Matters*, students learn real world skills that complement any passion, allowing them to start any enterprise in their interest area and learn the fundamentals of the business and entrepreneurial environment including marketing, operations, finance and human resources. They understand the relationships between consumers, businesses and governments in the overall economy. Through their investigation of these relationships, students develop the capacity to apply problem solving strategies that incorporate the skills of analysis and evaluation. Students engage in the learning process, which promotes critical thinking, reflective learning and the opportunity to participate in the community.

Learning, Living, Leading at Emmanuel

Through participation in *Business Matters*, students will have the opportunity to become independent inquirers who foster curiosity and rigorously question ideas and assumptions. They experiment with and transform their thinking, exploring their role in a constantly changing and complex business world. With a positive and resilient attitude, students confidently manage uncertainty, direct their own learning, and develop strategies to overcome challenges which prepares them to succeed both in the classroom and beyond.

Subject Levy

A levy of \$50 will be payable for the cost of material for product production and other points of interest related to the units of this course. Please contact Mrs Holmes for more information.

4.2 Craft and Construction: Timber

Course Structure

Emmanuel Anglican College offers *Craft and Construction: Timber* for study in Year 9 as an Explore course.

Course Description

Craft and Construction: Timber is a practical, project based course that puts students in the workshop to design, build and evaluate real timber products. By exploring the properties, environmental significance and industry applications of timber, students develop the ability to work confidently and safely with this natural resource.

Students Learn About

- The properties, types and grades of timber, including how they influence material selection and the role of timber as a sustainable, renewable resource with ethical responsibilities for makers
- How to read and produce technical drawings and working plans to communicate design intent clearly and accurately
- Safe, correct use of a full range of hand tools, power tools and workshop machinery in line with Work Health and Safety requirements
- Timber joinery techniques, construction methods and quality finishing processes such as sanding, staining, oiling and coating used by professional cabinetmakers, carpenters and builders

Students Learn To

- Identify and select appropriate timber species and materials for a given design brief and construction purpose, producing technical drawings and plans as part of a structured design process
- Use basic hand tools, power tools and workshop machinery safely, confidently, and with precision
- Cut, shape, join and assemble timber components using a range of basic professional joinery and construction techniques
- Apply quality finishing processes and evaluate finished products against design criteria and industry standards
- Work independently and collaboratively to plan, manage and complete projects on time while reflecting critically on their own work and the work of peers to improve outcomes

Learning, Living, Leading at Emmanuel

Craft and Construction: Timber develops students who are capable, safe and resourceful makers. Through the discipline of workshop practice, students build self regulation, persistence and attention to detail, which are qualities that transfer directly to every area of life and learning. They learn to manage their time and materials effectively, to take pride in quality work, and to give and receive honest, constructive feedback.

Subject Levy

There will be a \$175 charge to cover the cost of materials. Please contact Mrs Ashdown for more information.



4.3 Dance

Course Structure

Emmanuel Anglican College offers *Dance* for study in Year 9 as an Explore course.

Course Description

The Year 9 *Dance* course offers students a structured and comprehensive introduction to dance as an artform. It provides opportunities to develop technical skill, performance confidence and understanding of choreographic principles through regular practical classes and theoretical study. Students will explore how movement can be used to communicate ideas, express emotions and respond to themes.

The course is grounded in three key components: Performance, where students refine physical skills and performance quality; Composition, where students learn to create and structure original dance sequences; and Appreciation, where students study and respond to professional dance works using appropriate language and frameworks.



Students Learn About

Students learn about performance technique, composition and improvisation, and the appreciation of dance as a performance art form. They will study a range of dance styles, including contemporary, jazz and theatrical forms and explore how cultural and historical contexts influence choreography. Through structured workshops and creative tasks, students learn how to generate original movement ideas, develop short compositions, and respond to dance works using movement and language.

Students Learn To

In *Dance*, students learn to move with purpose, choreograph with meaning and communicate artistically. They will develop physical skills such as control, timing and spatial awareness, while also building confidence in performing for others. Through individual and group tasks, students will improve their creative thinking, problem solving and collaboration; all vital skills in the world of dance and beyond.

Learning, Living, Leading at Emmanuel

This course supports students in developing key capabilities in creativity, communication, persistence and problem solving, skills essential for lifelong learning and active contribution to the world around them. Through dance making, peer collaboration and reflective practice, students learn to think flexibly, work through complex ideas and express themselves with confidence and purpose.

Subject Levy

A \$50 levy is payable for this course. Please contact Mr Raguse for more information.

4.4 [Design, Code, Solve](#)

Course Structure

Emmanuel Anglican College offers *Design, Code, Solve* for study in Year 9 as an Explore course.

Course Description

Design, Code, Solve blends the best of computing technology, engineering project work, robotics and cybersecurity into one real world, project driven course. Students tackle genuine engineering and digital challenges, from building and programming robots to defending against cyber threats, while developing the technical foundations and creative confidence needed for a rapidly evolving world. No prior experience required: just curiosity and a willingness to build things.



Students Learn About

- The fundamentals of how computers, networks and the internet actually work under the hood
- The design process for real world computing and engineering careers and pathways by building, testing, and evaluating their work
- How robots and machines sense, process and respond to the physical world using electronics and code
- The art of revealing hidden secrets in data, decoding patterns, finding vulnerabilities and thinking like a cybersecurity analyst
- Cyber threats, encryption and the tools professionals use to protect digital systems
- Technology ethics: using tech responsibly, protecting privacy and keeping communities safe online

Students Learn To

- Wire up and program a robot from scratch, making it sense and respond to the world around it
- Design, test and iterate on technical solutions using engineering and design thinking processes
- Crack codes, analyse data patterns and uncover hidden information like a cybersecurity analyst
- Understand how attackers think and build the defences that stop them in their tracks
- Collaborate effectively on team engineering challenges, communicating ideas and dividing tasks
- Make informed, ethical decisions about technology and its impact on society

Learning, Living, Leading at Emmanuel

Design, Code, Solve develops students who are not just technology users, but technology creators. Students graduate with advanced digital and engineering skills and the creative confidence to design, build and defend the systems of tomorrow. Through real world challenges and collaborative problem solving, they learn to challenge assumptions, adapt rapidly to new technologies, and approach complex problems with resourcefulness and ingenuity.

As responsible digital citizens, students develop a genuine understanding of cybersecurity, ethical technology use and the profound impact technology has on communities and society, equipping them for further education, vocational pathways and a world where cognitive fluency is essential.

Subject Levy

A levy of \$100 will be payable for the cost of technology tools. Please contact Mrs Ashdown for more information.

4.5 Forensic and Biomedical Science

Course Structure

Emmanuel Anglican College offers *Forensic and Biomedical Science* for study in Year 9 as an Explore course.

Course Description

The *Forensic and Biomedical Science* course for Year 9 students is designed to provide a foundational understanding of the fascinating worlds of forensic science and medical science. This course aims to spark students' interest in these fields while introducing them to the basic concepts, methods and ethical considerations involved. It combines theoretical knowledge with hands on activities to engage and educate about the crucial roles these sciences play in solving crimes and advancing healthcare.

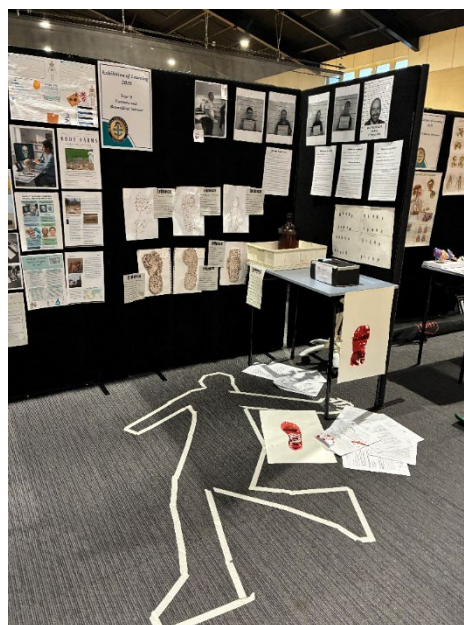
Students Learn About

Forensic Science

- History and role of forensic science in criminal investigations
- Crime scene processing, evidence collection, and preservation
- Techniques such as fingerprinting, bloodstain pattern analysis, serology, DNA analysis, and forensic entomology

Biomedical Science

- Structure and function of the human body and its systems
- Respiration, sustaining life, and genetic technologies
- Genetic diseases and ethical considerations in medical science
- The role of medical professionals in society



Students Learn To

Students learn to collect valid data for use as evidence, carry out techniques to analyse and evaluate sources of information, carry out accurate practical investigations and make judgements about the value of information.

Learning, Living, Leading at Emmanuel

In this course, students explore the ethical responsibilities of forensic scientists and medical professionals, reflecting on the impact of science on individuals and society. Working in teams, they process mock crime scenes using techniques such as fingerprinting, blood analysis and DNA testing. They investigate genetic diseases and body systems, applying biology to real world medical and criminal challenges. Through hands on experiments and problem solving, students develop as innovative, resilient and ethical learners who communicate their findings with scientific accuracy.

Subject Levy

A levy of \$100 will be payable for the cost of Forensic and Biomedical Science investigations using unique kits and equipment. Please contact Mr Hartel for more information.

4.6 [Japanese](#)

Course Structure

Emmanuel Anglican College offers *Japanese* for study in Year 9 as an Explore course.

Course Description

The Year 9 Explore *Japanese* course allows students an entry point into Stage 5 Japanese. The course caters to absolute beginners to those that have studied some Year 8 Japanese and encompasses all the educational and social benefits of learning a second language.

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. Experience in learning 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

The connection between language to culture. They will explore the language surrounding daily life, school, shopping and making friends. 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 them to build international friendships, awareness, adaptability and confidence.

Learning, Living, Leading at Emmanuel

The *Japanese* course allows students to gain skills as lifelong learners, opening their minds to new cultures and worldviews. Students gain the skills to communicate confidently in Japanese, connect with a deeper understanding of culture and adapt to new situations with flexibility and innovation.

Subject Levy

A levy of \$50 will be payable for this course. Please contact Ms Campbell for more information.

4.7 [Music](#)

Course Structure

Emmanuel Anglican College offers *Music* for study in Year 9 as an Explore course.

Course Description

The *Music* course is designed for students who have an interest and passion in music. Stage 5 *Music* builds on the knowledge and experiences acquired from Stage 4 *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 and songwriting, 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 characteristics of a variety of musical genres including rock, jazz, blues, music of other cultures and Art Music
- Musical notation tailored for songwriting and performance, utilising traditional notation, tablature, chord charts, composition/recording software integration
- The use of technology for use in performance and songwriting

Students Learn To

- Perform music – through regular performance opportunities students will develop their solo and/or ensemble techniques
- Create music – by exploring, experimenting, improvising, organising and arranging music using technology

Learning, Living, Leading at Emmanuel

In *Music*, students develop their creativity by composing original pieces, experimenting with sound and interpreting musical works across genres. Through performance and ensemble work, they build communication skills, learning to listen, respond and collaborate with others. Regular practice and rehearsal foster persistence, while creative challenges invite students to problem solve and think critically as musicians and learners.

Subject Levy

A levy of \$75 will be payable for ongoing cost of purchase and maintenance of musical instruments and equipment. Please contact Mr Raguse for more information.



4.8 [Photography and Digital Media](#)

Course Structure

Emmanuel Anglican College offers *Photography and Digital Media* for study in Year 9 as an Explore course.

Course Description

Photography and Digital Media is designed for students who have an interest in photography, film making and digital media. Students will build on the knowledge and experiences acquired from Stage 4 Visual Arts, with a strong focus on learning through making and practical activities. Activities and tasks are developed to give opportunities to learn photography and filmmaking skills through making, creating and developing their own bodies of work.

Students Learn About

Students learn about the functions of the camera (shutter speed, aperture, ISO, focal length, etc.) and a broad variety of approaches to making photographic still and moving imagery. Students also explore other photographers' and filmmakers' practice through historical and critical studies. These studies help inform the students' personal approach to creating photographic images and films.

Students Learn To

In *Photography and Digital Media* students learn to use a variety of camera and film techniques to:

- Create a room size camera obscura
- Take still images using a DSLR
- Plan, shoot and edit a music video
- Study portrait and street photography
- Use Adobe Photoshop and Premiere Pro
- Create a stop motion photo video
- Create a vlog
- Shoot studio photography pieces using softbox lighting and student made lightboxes
- Study the importance and power of photo journalism both currently and historically



Learning, Living, Leading at Emmanuel

Photography and Digital Media empowers students to think creatively as they explore visual storytelling, moving image, and design thinking across a range of digital platforms. Through sustained creative practice and experimentation, students build persistence, taking artistic risks and refining ideas over time. The course develops strong communication skills, both visual and verbal as students learn to express complex ideas with clarity and intention. As they solve technical and conceptual challenges in film and media projects, students grow as confident, capable problem solvers ready to contribute to the creative industries and beyond.

Subject Levy

A levy of \$100 will be payable for the cost of materials associated with various creative projects throughout the year. Please contact Mr Raguse for more information.

4.9 [Production Technology](#)

Course Structure

Emmanuel Anglican College offers *Production Technology* for study in Year 9 as an Explore course.

Course Description

The *Production Technology* course is designed for students interested in the technical, creative and behind the scenes world of live entertainment, theatre and events. The course provides an accessible platform to safely and creatively operate audio, lighting and staging equipment. Through hands on learning, students develop lateral thinking, rapid problem solving and communication skills that transfer directly to other school subjects and the real world.

Students Learn About

- The fundamental components of live production, including video and audio systems, lighting fixtures, and staging elements
- Workplace Health and Safety (WHS) principles essential for working safely backstage, handling equipment and managing cables
- The use of technology in modern event production, including digital mixing consoles, media playback and manipulation, and basic lighting software
- The basic principles of stage management, crew communication and event coordination
- The diverse roles within the entertainment industry and how production teams collaborate to bring a vision to life



Students Learn To

- Operate: through regular hands on practical opportunities, students will develop their skills in setting up, patching and controlling microphones, sound systems, vision systems and lighting rigs
- Design: by exploring, experimenting, and organising technical cues, students will develop their skills in crafting audio soundscapes and visual lighting designs for a variety of performance styles as well as creating rich and engaging visual elements
- Collaborate: through simulating real world production crews for school events and practical tasks, students will establish team building skills and learn to work effectively under pressure

Learning, Living, Leading at Emmanuel

In *Production Technology*, students develop creativity and communication skills by designing unique lighting, mixing soundscapes and collaborating seamlessly as a crew to execute live events. Managing complex technical setups and live adjustments under pressure fosters persistence, rapid problem solving, and critical thinking as responsible learners.

Subject Levy

A levy of \$100 will be payable for the ongoing cost of purchase, maintenance, and safety testing of production equipment, consumables and tools. Please contact Mr Raguse for more information.

4.10 [Visual Arts](#)

Course Structure

Emmanuel Anglican College offers *Visual Arts* for study in Year 9 as an Explore course.

Course Description

The *Visual Arts* course is designed to enable students to develop and enjoy art making, art history and art criticism. Students are exposed to a wide variety of art making approaches, while also studying various artworks and artists' practices in art history and art criticism. Students will build on the knowledge and experiences acquired from Stage 4 Visual Arts.

Students Learn About

Students learn about the practice of visual arts through a broad variety of exciting art making lessons. These lessons focus on the material and technical approaches to creating artworks. In Year 9 *Visual Arts* students make artworks in 2D, 3D and digital forms. Art theoretical elements are integrated into the practical lessons, and students can expect that most of their time in class will be spent art making.

Students Learn To

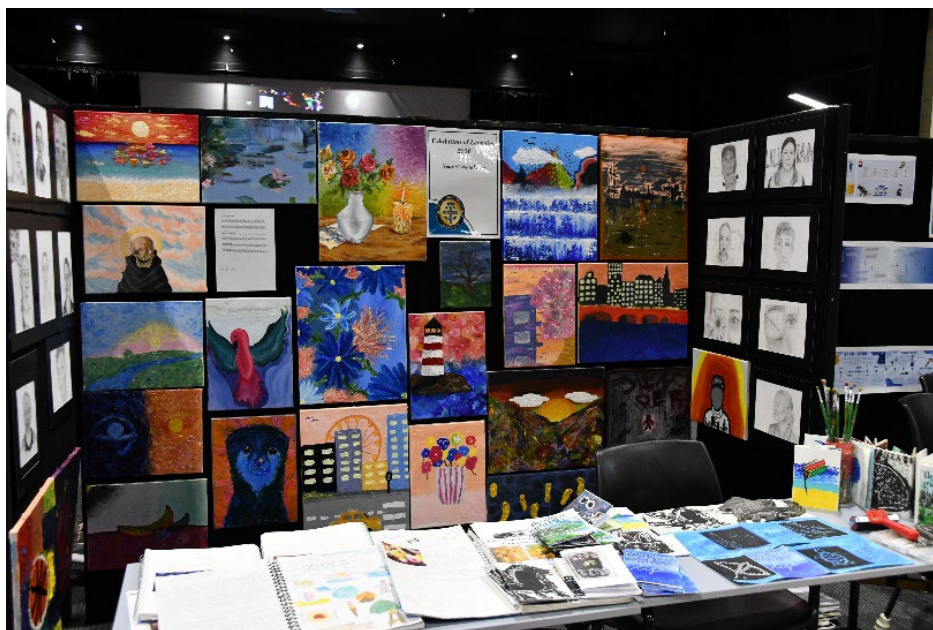
In *Visual Arts* students learn to create meaningful artworks from a broad variety of materials that represent interests in their world. In art criticism and art history students learn to value and appreciate the significant contributions artists have made to our society.

Learning, Living, Leading at Emmanuel

In *Visual Arts*, students develop their creativity by experimenting with materials, processes, and ideas to produce meaningful artworks. Through class discussions, critiques, and reflective writing, they strengthen communication skills and learn to articulate visual meaning. Artmaking encourages persistence, inviting students to revise, adapt, and solve problems as they bring their concepts to life, skills that extend beyond the studio and into all areas of learning and leadership.

Subject Levy

A levy of \$100 will be payable for the cost of materials associated with various creative projects throughout the year. Please contact Mr Raguse for more information.



4.11 REACH Athlete Development

Course Structure

Emmanuel Anglican College offers *REACH Athlete Development* for study in Year 9 as an Explore course.

Course Vision

REACH Athlete Development has been developed to support Emmanuel Anglican College's talented and aspiring student athletes as they pursue excellence in both sport and education. The course provides students with access to evidence based athlete development, performance education, strength and conditioning, and personalised support systems typically available only within elite sporting environments. The course aims to develop confident, resilient and high performing young people who are equipped to succeed in sport, school and life.

Students Learn About:

- *REACH Athlete Development* recognises that successful athletes require more than physical talent. Students develop across core performance and personal areas, including:
- Strength and conditioning alongside sports science
- Nutrition for performance, injury prevention and recovery
- Performance psychology, goal setting and motivation
- Leadership and character development
- Time management, organisation and balancing sport and academics
- Athlete wellbeing and sports integrity

Course Features

Through regular practical sessions, performance testing, and specialist workshops, the course delivers:

- Specialist Athlete Development: Structured sessions using evidence based methods from elite sporting environments
- Individual Athlete Profiling: Performance testing and movement screening for every student, with individual profiles tracking progress and data driven adjustments to optimise development
- Strength and Conditioning: Age appropriate progressive programs focusing on movement quality, speed, agility, strength, power development and injury prevention
- Athlete Education Workshops: Masterclasses covering sports psychology, resilience, nutrition, recovery strategies, leadership and sports integrity delivered by industry specialists
- Mentoring and Support: Personalised guidance to balance academic commitments, sporting goals and personal wellbeing

Who Should Apply

This selective course is designed for students who:

- Compete at representative, academy, regional, state or national level
- Aspire to pursue higher levels of sporting achievement and demonstrate exceptional commitment to their sport
- Display strong character, work ethic and coachability
- Are committed to maintaining academic responsibilities and positive engagement with College values

Selection Criteria

Enrolment is not automatic, and the *REACH Athlete Development* Selection Panel assesses applicants across three specific areas:

- Sporting Achievement: Regional, state or national representation, recognised sporting pathways, and high competitive participation
- Commitment to Learning: Consistent application to learning, satisfactory academic progress, and positive classroom engagement
- Character and Behaviour: Respectful behaviour, coachability, commitment to College values, strong attendance and punctuality

Application Process

- Step 1: Submit an application form as well as selecting *REACH Athlete Development* on the first round of subject selections.
- Step 2: Provide evidence of sporting participation and achievements such as representative selections, competition results, sporting resumes and coach recommendations
- Step 3: Applications are reviewed by the *REACH Athlete Development* Selection Panel
- Step 4: Selected students may be invited to attend an interview
- Step 5: Successful applicants receive an offer of enrolment

Learning, Living, Leading at Emmanuel

REACH Athlete Development focuses on building the complete athlete by looking far beyond raw talent. By participating in rigorous practical strength and conditioning sessions and performance testing, students build self regulation, accountability and physical literacy. The course instils the core values of exceptional work ethic, respect and coachability, ensuring that student athletes become leaders within the school community. Through deliberate mentoring, students develop the mindset required to balance high level sporting goals with academic excellence, preparing them to succeed in further education, sport and life.

Subject Levy

A levy of \$300 will be payable for the cost of workshops throughout the year. There will also be the opportunity to attend a high performance athlete camp with an additional cost. Please contact Ms Guest for more information.



4.12 [Mathematics Acceleration](#)

Course Structure

Emmanuel Anglican College offers *Mathematics Acceleration* for study in Year 9 as a replacement for their normal Mathematics studies as well as an Explore course.

Course Eligibility

This subject is only available to selected students by invitation only at the start of Year 9. Students identified by teachers as potential candidates will receive specific information about the program.

Course Description

Mathematics 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.

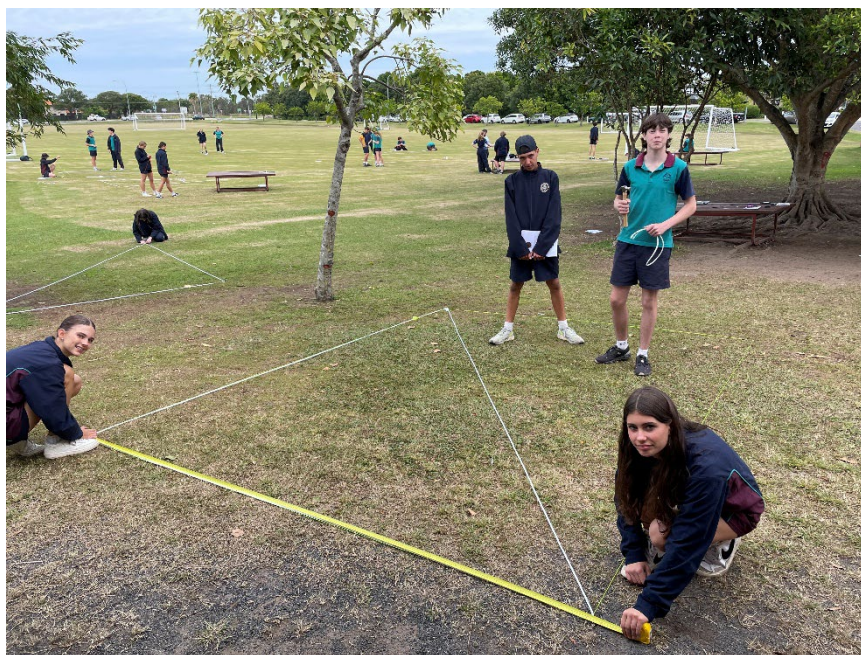
This program demands commitment from parents and students for three continuous years. Students will complete the Record of School Achievement (RoSA) in Mathematics, Preliminary High School Certificate and the High School Certificate (HSC) in Mathematics under a modified time frame.

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. Please contact Mr Kiesewetter for more information.





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