



YEAR 10

FREDERICK IRWIN ANGLICAN SCHOOL

A school of the Anglican Schools Association (Inc.)

COURSE INFORMATION

YEAR 10

SUBJECT OVERVIEW

The Course for students in Year 9 will be made up of two major components:

1) Compulsory Subjects for the whole year:

English	6 periods of 40 minutes per week
Humanities	6 periods of 40 minutes per week
Mathematics	6 periods of 40 minutes per week
Science	6 periods of 40 minutes per week
Physical Education	2 periods of 40 minutes per week
Health Education	1 period of 40 minutes per week
Christian Studies	1 period of 40 minutes per week

There will be some streaming in core subjects in Year 10 so that we can more effectively prepare students for their work in Year 11 and Year 12. The streaming will be based on the student's achievements in Year 9.

2) Request Subjects for the whole year:

Students will have the opportunity to request to take FOUR of the following subjects for three periods of 40 minutes per week each:

Art
Child Care and Development
Creative Writing
Design in Metal
Design in Wood
Drama
Home Economics - Fashion Craft and Design
Home Economics - Food and Nutrition
Digital Technology
Japanese
Music – Guitar
Music - Keyboard
Music - Extension
Outdoor Education
STEM ****New****

Because of the accumulative nature of language learning it is not possible for a student to begin Japanese in Year 10.

The subject **Music - Extension** is compulsory for students involved in the instrumental/vocal programme within the School. It is designed to complement the practical work done in lessons to provide the student with a thorough knowledge of the areas in which they work.

In some circumstances, subject to the approval of the Head of Performing Arts, Instrumental Music students may enrol in Music – Keyboard as an alternative to Music – Extension and thereby meet their compulsory Music class obligations.

Please note that all subjects are suitable for both boys and girls.

2) REQUEST SUBJECTS FOR THE WHOLE YEAR

ART

SUBJECT CODE 10ART

An appreciation of the visual arts will be developed alongside studio practice in painting on canvas, textiles, pottery, silk screening, sculpture and printmaking.

Students will be given opportunities to further their technical skills in the use of more sophisticated media and techniques. Further experiences with Artist in Residence programmes and extension into camps or gallery visits will be offered.

This subject is a pre-requisite for Visual Arts in Year 11. A levy will be charged for consumable items

CHILD CARE AND DEVELOPMENT

SUBJECT CODE 10CCR

This course looks at the various needs of children from newborn to pre-school.

It covers topics such as caring for babies and children e.g. bathing, feeding, holding, safety, first aid and play.

Practical work will focus on food for mums, babies and toddlers, suitable toys, books, articles for the nursery, clothing and relevant crafts.

Students will be required to provide various materials during the year and the cost of these will be the responsibility of parents. A levy will be charged for consumable items.

CREATIVE WRITING

SUBJECT CODE 10CWR

The Creative Writing course is aimed at students who enjoy experimenting with language and ideas.

The programme will present challenges to students who like to make their own decisions about what and how they write. Music, Art, Literature and the Media will be presented as a stimulus for a writing response and the students will be encouraged to present their ideas through various forms of poetry and prose.

A levy will be charged for consumable items and for the Writer in Residence workshops.

DESIGN IN METAL

SUBJECT CODE 10MET

Design in Metal enables students to develop an understanding and appreciation of metals and their uses in modern society.

Students will experience a wide range of processes and develop skills in designing, marking out, sheet metal production, lathe machining, cutting, welding (arc, oxy-acetylene and M.I.G.), milling, CAD software, CNC applications and metal finishing.

A number of projects will be undertaken through the course of the year, and may be selected from:

- sheet metal toolboxes
- welding vehicle ramps and stands
- metal furniture
- metal toys
- bench vice
- engineering models

Safe and efficient workshop practices will be encouraged and assessed.

Students will be required to provide various materials during the year and the cost of these will be the responsibility of parents. A levy will be charged for consumable items.

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DESIGN IN WOOD

SUBJECT CODE 10DWD

Design in Wood provides students with the opportunity to develop an appreciation and understanding of timber and related products, and how they are utilised in current society.

Students will experience a wide range of processes and develop skills in designing, project planning, cutting and joining, finishing etc., and use a wide range of contemporary techniques, tools and machinery.

A substantial carpentry project will be undertaken throughout the year with students being able to apply their own ideas and designs. This project is designed to give students experience in applying necessary skills and techniques in working both natural and manufactured timber and associated products. Safe and efficient workshop practices will be encouraged and assessed.

Students may be required to provide various materials during the year and the cost of these will be the responsibility of parents. A levy will be charged for consumable items.

DRAMA

SUBJECT CODE 10DRA

In Year 10, Drama students are given opportunities to develop their knowledge and skills to present drama for purposes and wider external audiences, safely using processes, techniques and conventions of drama.

Students develop drama based on devised drama processes, taken from appropriate, published script excerpts, using selected drama forms and styles. Students will have opportunities to research devised drama and read in selected script excerpts in context. Student work in devised and scripted drama is the focus of reflective and responsive processes.

Students are encouraged to develop their use of extended answer forms and interviews, using drama terminology, language and different forms of communication, based on own drama and the drama of others.

Students will work on a range of scripted drama pieces from monologues, through to a complete play for performance.

A range of different performance styles and forms will be studied, including melodrama, poor theatre and theatre of the absurd.

Drama theorists will also be examined, including the work of Stanislavski, Grotowski and others.

HOME ECONOMICS

SUBJECT CODE 10FAS

FASHION CRAFT AND DESIGN

This practical and inspirational course will provide students with the skills to create fashionable craft items and garments.

Projects include:

- pyjamas/dressing gown
- skirts
- tops
- shorts
- patch work projects
- decorative cushions
- fashionable bags
- many own choice projects

These projects aim to improve and build upon the skills and techniques learned in Year 8 sewing. In addition students will be involved in craft projects incorporating painting, gluing and hand stitching.

Students can be assured 'If it's in fashion, they will be making it!' A levy will be charged for the consumables used in practical lessons. Students will also be expected to provide some items from home.

HOME ECONOMICS

SUBJECT CODE 10HEF

FOOD AND NUTRITION

Food is a symbol of hospitality and is served at almost every social function. In this course students learn to cook many of their favourite foods and more. Students will plan and prepare special foods for different social occasions as well as tasty goodies for gift giving.

Students will also learn to appreciate and respect other cultures through the preparation, cooking and serving of a wide variety of foods from other cultures. Students will be delighted to learn that they can make all of their favourite international dishes quickly and easily, by 'visiting' a different country every week.

A levy will be charged for ingredients used in practical sessions

DIGITAL TECHNOLOGY

SUBJECT CODE 10DIG

Digital Technology in Years 8 and 9 focused on developing a foundation of knowledge and practical skills in the use of computers as a personal productivity tool. In Year 10 Digital Technology, students will use their knowledge of common applications such as animation design using Illustrator, Photoshop and After Effect, 3D game design using Unity Engine, introduction to C# coding, digital photography and manipulation of digital images and advanced video editing and graphical communications to solve a number of problems, which will be set during the year. Website design and flash animation are included in the course.

Class work will be mainly assignment based and involve computer laboratory practical sessions. The emphasis will be on activities which simulate real world situations. Students will be able to evaluate technology and its impact on society. A levy will be charged for consumable items.

JAPANESE

SUBJECT CODE 10JAP

This year of study will develop further students' ability to communicate in Japanese. It will strengthen their skills in understanding, speaking, reading and writing and will emphasise situations involving real communication. Students will be introduced to Kanji characters.

A variety of topics will be covered this year, including family, school and study, shopping, daily routines, clothing and housing. Knowledge of Japanese customs and traditions will be extended. In order to experience traditional cultural activities an excursion is part of the course and this will incur additional costs to parents.

Successful completion of this course will enable a student to study Japanese Units 2A/2B in Year 11. To help students in their study we have introduced a biennial trip to Japan so that students studying Japanese have the chance to travel to Japan, live with a Japanese family and attend a Japanese School for two weeks. This trip is not compulsory and a student can still succeed in their studies without going to Japan.

MUSIC

SUBJECT CODE 10GUI

GUITAR

This course will enable students to build upon their group guitar skills started in Year 9. Students will engage in practical guitar activities, particularly group work, involving a range of musical styles and playing techniques.

Students will widen their knowledge of guitar chords and pieces as well as improving their understanding of areas such as: chord reading, notation, tablature, maintenance and performance.

There will be an increased opportunity to create, perform and evaluate their own pieces using the skills learnt. Performance opportunities will be provided. Guitars will be available for each session

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MUSIC

SUBJECT CODE 10KEY

KEYBOARD

This course will enable students to build upon their practical keyboard skills. Students will be involved in practical keyboard activities involving a range of musical styles and playing techniques.

Students will widen their knowledge of chords and pieces as well as gaining an understanding of areas such as: chord reading, notation, composition, maintenance and performing. This course is ideal for those students considering the course 'Contemporary Music' in Senior Secondary.

There will be the opportunity to create, perform and evaluate their own pieces using the skills learned. Classes will be conducted in the Keyboard Laboratory.

This course is an option (subject to the approval of the Head of Performing Arts) for students enrolled in the Instrumental/Vocal Programme within the School.

MUSIC

SUBJECT CODE 10MEX

EXTENSION

This course is designed specifically for Instrumental/Vocal Music students who receive lessons at School or on a private basis in the community. It complements the practical work usually done in lessons to provide the student with a thorough knowledge of the areas in which they work.

Areas covered include:

- Arranging
- Performing
- Basic music knowledge
- Aural
- Working with technology
- Music literature

This course is compulsory for students enrolled in the Instrumental/Vocal programme within the School.

OUTDOOR EDUCATION

SUBJECT CODE 10OED

This course is designed to develop practical skills for outdoor expeditions. In particular students will develop skills in camp craft and participate in activities to promote the personal qualities of responsibility, self reliance, self confidence, decision making and interpersonal skills. The course is both theoretical and practical.

The following areas will be covered during the year:

- Snorkelling
- Canoeing
- River Features and Laminar Flow
- Bushwalking
- Camp Craft; Trangia Cooking
- Expedition First Aid - Cardio Pulmonary Resuscitation, Fractures, Hypothermia
- Environment Awareness and Conservation

Students will be involved in a compulsory three (3) day camp in the Margaret River area which is held early in Term 4; (Wednesday to Friday).

Participation in the camp is a compulsory part of course assessment but is contingent on student participation and attitude throughout the year. Costs associated with this camp and practical activities in Outdoor Education will be added to Term Fees.

Students need to be aware that Outdoor Education involves outside practical activities, and therefore students taking this Course must be prepared to participate in all weather conditions.

Parents please note that as we spend a large part of the year in outdoor and aquatic environments, all members of the class may need to be made aware of an individual's medical condition, in the interests of that student's physical safety and the duty of care to the whole group.

STEM ****New****

SUBJECT CODE 10STEM

Prerequisite: At least 'C' grade Level 1 Mathematics

The aim of STEM is to promote the areas of **S**cience, **T**echnology, **E**ngineering and **M**athematics through the study of technology, engineering, skills and mechanics.

In partnership with industry this option aims to develop the skills of leadership, collaboration and creativity. Based in the exciting setting of STEM challenges, students will explore and create possible solutions to authentic, real-world problems. Some possible challenges are:

Mind the Gap!	Bridging and Civil Engineering
Asteroid Impact: What Do I DO?	Civil Defence
Keep it Clean	Environmental Engineering
Free Energy	Solar Power
Iceberg Right Ahead!	Buoyancy
The Rise of the Machines?	Simple Machines

The STEM programme will utilise a practical integrated approach with engineering and technology being used to drive interest in science and mathematics, through the development of technical skills and mechanical engineering knowledge.

Upon completion, students will have been exposed to a wide range of exciting STEM career opportunities.

The option is suitable for both boys and girls who have achieved at least a 'C' grade in Level 1 Mathematics.





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