



YEAR 11

FREDERICK IRWIN ANGLICAN SCHOOL

A school of the Anglican Schools Association (Inc.)

COURSE INFORMATION

YEAR 11

COURSES AND PREREQUISITES

ATAR COURSES

- Students who want to achieve an ATAR must choose at least four courses from this list.
- All students must choose either English or Literature.
- At least one Mathematics course must be chosen from either the ATAR courses or the General course

COURSE	PREREQUISITES (Minimum grade required in Year 10)	
LIST A ATAR	Prerequisite	Recommended
Drama	Drama C	English B
Economics	HaSS B	English C
English	English C	
Geography	HaSS C	English C
Health Studies	Nil	
Modern History	HaSS B	English C
Japanese: Second Language	Japanese C	
Literature	English 1B or 2A	
Media Production & Analysis	Nil	English C
Music: Western Art	Music Extension B	
Politics and Law	HaSS B	English C
Visual Arts	Art B	English C
LIST B ATAR	Prerequisite	Recommended
Accounting and Finance	Nil	
Applied Information Technology	Maths 2C	Digital Tech C
Biology	Science C	
Chemistry	Science B	Maths 1B
Earth Environmental Science	Science C	
Engineering Studies	Maths 1B	
Human Biology	Science C	English C
MDT: Textiles	Nil	
Mathematics Applications	Maths 2C	
Mathematics Methods	Maths 1B	
Mathematics Specialist	Maths 1A	
Physical Education Studies	Nil	Science C
Physics	Science B	Maths 1B

GENERAL COURSES

- All students must chose an English and a Mathematics course.
- Four other courses/programs must be chosen. They can be any combination of ATAR, General, VET.
- A maximum of two Certificate courses can be selected.

LIST A General	Prerequisite
Business Management & Enterprise	Nil
Children, Family & Community	Nil
Drama	Nil
English	Nil
Visual Arts	Nil

YEAR 11

LIST B General	Prerequisite
Earth Environmental Science	Nil
Food Science & Technology	Nil
MDT: Wood	Nil
Mathematics Essential	Nil
Outdoor Education	Nil
Physical Education Studies	Nil

VOCATIONAL EDUCATION AND TRAINING (VET) COURSES

VET Courses	Prerequisite	Recommended
Certificate II Creative Industries (Live Production focus) (2 yr)	Nil	
Certificate II Engineering Pathways (2 yrs)	Nil	
Certificate III Screen and Media (2 yrs)	Nil	
Certificate III Music Industry (2 yrs)	Nil	
Certificate II Sport & Recreation (1 yr)	Nil	Any Mus 10 or equivalent
Certificate II in Business	Nil	



YEAR 11

ENGLISH

LIST A

ENGLISH

ATAR
GENERAL
ATAR

ENGLISH LITERATURE

OVERVIEW OF ENGLISH COURSES

English and Literature both have an ATAR course. English also has a General course, and a Foundation course.

There are three basic pathways that can be considered as indicated below:

	Minimum Requirement		Year 11	Year 12
1	English Level 1 B grade or better English Level 2 A grade or better		LITERATURE ATAR	LITERATURE ATAR
2	English Level 1 C grade or better English Level 2 C grade or better		ENGLISH ATAR	ENGLISH ATAR
3	(no prerequisite)		ENGLISH GENERAL	ENGLISH GENERAL

Recommendations will be given to students at the end of Semester 1.

If you have any questions regarding these English courses please contact Mrs Preston, Head of English.

COURSE DESCRIPTIONS

ENGLISH

ATAR

LIST A

The English ATAR course focuses on developing students' analytical, creative, and critical thinking and communication skills in all language modes, encouraging students to critically engage with texts from their contemporary world, the past, and from Australian and other cultures.

Through close study and wide reading, viewing and listening, students develop the ability to analyse and evaluate the purpose, stylistic qualities and conventions of texts and to enjoy creating imaginative, interpretive, persuasive and analytical responses in a range of written, oral, multimodal and digital forms.

ENGLISH

GENERAL

LIST A

The English General course focuses on consolidating and refining the skills and knowledge needed by students to become competent, confident and engaged users of English in everyday, community, social, further education, training and workplace contexts.

The course is designed to provide students with the skills to succeed in a wide range of post-secondary pathways by developing their language, literacy and literary skills. Students comprehend, analyse, interpret, evaluate and create analytical, imaginative, interpretive and persuasive texts in a range of written, oral, multimodal and digital forms.

LITERATURE

ATAR

LIST A

In the Literature ATAR course, students learn to create readings of literary texts and to create their own texts, including essays, poems, short stories, plays and multimodal texts. Students engage with literary theory and study literary texts in great detail. Students learn to read texts in terms of their cultural, social and historical contexts; their values and attitudes; and their generic conventions and literary techniques.

They enter the discourse about readings, reading practices and the possibility of multiple readings. Students learn to create texts paying attention to contexts, values and conventions. Students learn about literary language, narrative, image and the power of representation. Students experience the aesthetic and intellectual pleasure that reading and creating literary texts can bring.

YEAR 11

HUMANITIES AND SOCIAL SCIENCES

ACCOUNTING AND FINANCE
BUSINESS MANAGEMENT AND ENTERPRISE
ECONOMICS
GEOGRAPHY
MODERN HISTORY
POLITICS AND LAW

ATAR
GENERAL
ATAR
ATAR
ATAR
ATAR

LIST A AND B

LIST B
LIST A
LIST A
LIST A
LIST A
LIST A

COURSE DESCRIPTIONS

ACCOUNTING AND FINANCE

ATAR

LIST B

Course description

The Accounting and Finance ATAR course focuses on financial literacy and aims to provide students with the knowledge, understandings and a range of skills that enables them to make sound financial judgments. Students develop an understanding that financial decisions have far reaching consequences for individuals and business. The course will provide students with the understanding of the systems and processes through which financial practices and decision making are carried out, as well as the ethical, social and environmental issues involved. Through the preparation, examination and analysis of a variety of financial documents and systems, students develop an understanding of the fundamental principles and practices upon which accounting and financial management are based. An understanding and application of these principles and practices enables students to analyse their own financial data and that of businesses and make informed decisions, forecasts of future performance, and recommendations based on that analysis.

Units - Accounting for Small Business, Accrual Accounting

On completion of these units the student should be able to:

- Record and report using balance day adjustments financial data and information for a sole trader using manual and computerised double-entry accounting
- Select and apply accounting concepts
- Evaluate a business entity and formulate strategies that will improve business performance
- Identify the professional accounting and financial associations and their role within business.

Further Studies:

Accounting and Finance is the gateway to a diverse array of courses and degrees that are offered by all universities and vocational institutions. Studying Accounting and Finance will equip you with an advantageous edge when choosing degrees in Accounting, Auditing, Taxation, Economics, Law or Human Resources.

Accounting and Finance is integral to careers in Accounting, Chartered Accounting, Auditing, Business Analysis and Accounting education. If you are considering a future as an entrepreneur or running a private practice then knowledge of Accounting and Finance is strongly recommended to develop an understanding of some of the more technical aspects of a business.

BUSINESS MANAGEMENT AND ENTERPRISE

GENERAL

LIST A

Course description

Run Your Own Business! This exciting Year 11 course is designed to be PRACTICAL and creative in nature. The Business Management and Enterprise General course focuses on establishing and operating a small business in Australia and aims to provide students with an understanding of the knowledge and skills of the processes and procedures required for generating business ideas and turning them into a viable business venture. Factors that impact on business innovation and success, business planning, and legal aspects of running a small business are examined. Students engage in the running of a small business, or participate in business simulations, to develop practical business skills and to develop financial and business literacy. Through the consideration of real businesses and scenarios, students develop knowledge, understanding and skills that enable them to analyse business opportunities, develop proposals and make sound, ethical business decisions. The course equips students to participate proactively in the world of business, behave responsibly and demonstrate integrity in business activities.

The course is designed to give students experience in all facets of commencing and running a small business such as:

- Teamwork
- Management Skills
- Critical thinking
- Marketing concepts
- Financial literacy
- Human Resource Management

ECONOMICS

ATAR

LIST A

Prerequisite

From past experience, students who have achieved an 'A' or 'B' grade in Year 10 Humanities and Social Sciences are most likely to succeed in this course. However, students who receive a 'B' or better in Mathematics or Science and a 'C' in Social Science also have a good chance of succeeding in this subject due to its emphasis on data collection and evaluation and mathematical concepts.

Course description

Economics explores the choices which all people, groups and societies face as they confront the ongoing problem of satisfying their unlimited wants with limited resources. The Economics ATAR course aims to develop students' ability to analyse the allocation, utilisation and distribution of scarce resources that determine our wealth and wellbeing. The study of Economics provides a framework for examining society's issues and identifying possible solutions which assist decision making. The emphasis of the course is on the Australian economy. Units covered are Microeconomics and Macroeconomics.

Further studies

All tertiary institutions have courses for further study and Economics is considered very valuable if completing any commerce, accounting or business studies degree/diploma. Economics and commerce are also popular as part of double degrees with Law, Politics, Science and Engineering. Other career options include banking, public service, teaching, private business, marketing, finance, journalism, and accounting.

Excursions

Students may be required to take part in field trips or excursions to facilitate case studies which will incur an extra cost to parents.

GEOGRAPHY

ATAR

LIST A

Prerequisite

At least a 'C' grade in Year 10 Humanities and Social Sciences.

Course Description

The study of the Geography ATAR course draws on students' curiosity about the diversity of the world's places and their peoples, cultures and environments. It provides students with the knowledge and understanding of the nature, causes and consequences of natural and ecological hazards, international integration in a range of spatial contexts, land cover transformations, and the challenges affecting the sustainability of places. In the ATAR course, students learn how to collect information from primary and secondary sources, such as field observation and data collection, mapping, monitoring, remote sensing, case studies and reports. Units covered are Natural and Ecological Hazards, Global Networks and Interconnect

Field Trips

These are designed to give students the opportunity to apply their knowledge to the local environment and enhance their appreciation of their studies in Geography. These field trips are an essential part of the assessment programme and will incur an extra cost to parents.

Further Studies

Geography provides an excellent basis for the study of Geology, Engineering, Environmental Sciences, Social Sciences, Town Planning, Cartography and Surveying at tertiary level.

Careers

Geography has a wide application to many careers and is particularly useful for students intent on developing skills of observation and analysis. Some careers that use Geography are Architects, Aviation, Builders, Business and Marketing, Lawyers, Meteorology, Salespeople, Tourism and Recreational Officers and Real Estate – just about anyone that involves humans and their environment.

YEAR 11

MODERN HISTORY

ATAR

LIST A

Prerequisite

Students who have achieved a 'B' grade or better in a semester of Year 10 Humanities and Social Sciences are suitable candidates for these two History units. The ability to write clearly and substantiate ideas is necessary for the units as is an excellent grasp of spelling and grammar and the ability to read material and reflect on what is presented.

Course description

Studying the Modern History ATAR course enables students to become critical thinkers and helps inform their judgments and actions in a rapidly changing world. Students are exposed to a variety of historical sources, including government papers, extracts from newspapers, letters, diaries, photographs, cartoons, paintings, graphs and secondary sources, in order to determine the cause and effect, and the motives and forces influencing people and events. Through the process of historical inquiry, students are encouraged to question and evaluate historical sources; identify various representations and versions of history; use evidence to formulate and support their own interpretations; and communicate their findings in a variety of ways. Units covered are Capitalism, The American Experience 1907-1941 and Nazism in Germany.

Further Studies

The knowledge and skills taught in History are of immense use in a variety of tertiary studies including teaching of Social Sciences, social, political and historical areas of journalism, careers in foreign affairs and trade, film and scriptwriting, social work, law, public relations, psychology. The research and report writing skills attained through the study of Modern History are invaluable for any tertiary course that requires these skills.

Additional Costs

Additional costs will be incurred for excursions.

POLITICS AND LAW

GENERAL

LIST A

Prerequisite

Students who have achieved an 'A' or 'B' grade in Year 10 Humanities and Social Sciences are suitable candidates for this Course. In addition, the ability to clearly articulate and substantiate ideas in writing together with good reading comprehension skills are also considered necessary. An interest in current affairs is an advantage.

Course Description

The Politics and Law ATAR course provides a study of the processes of decision making concerning society's collective future. It aims to develop the knowledge of the principles, structures, institutions and processes of political and legal systems primarily in Australia. It brings together the executive, legislative and judicial branches of government to demonstrate how society is governed and how each branch of government is held to account. It examines the democratic principles practised in Australia and makes comparisons with other political and legal systems. Units covered are Democracy and the Rule of Law, Representation and Justice.

Further Studies

As well as providing students with excellent skills and understandings for life, this subject is useful for careers in law, journalism, police, public service, politics, industrial relations, business, advertising, diplomacy, public relations, social work, media and others.

Excursions

Students will be expected to participate in a number of excursions which will incur extra costs.



LANGUAGES OTHER THAN ENGLISH

LIST A

JAPANESE: SECOND LANGUAGE

ATAR

LIST A

COURSE DESCRIPTION

JAPANESE: SECOND LANGUAGE

ATAR

LIST A

Prerequisite

'C' grade or better in Year 10 Japanese

Course Description

Can you see yourself ordering a fine dish of sashimi or teppanyaki at a fancy, high rise hotel overlooking the skyline of Tokyo? Or how about working in a Ski Resort in Nagano; skiing for free and mixing with locals and tourists from all over the world? Or even setting up your own English School? Japanese is a dynamic course that helps students become culturally aware citizens in an ever changing world. Today more and more people are traveling to Japan and more Japanese are traveling out of Japan; so there is a need to have an understanding and appreciation of the similarities and differences in other cultures. Studying Japanese lends itself to a variety of career choices including; tourism, education, media and business where students can gain skills applicable to living in Japan or working with Japanese people anywhere in the world.

The Japanese: Second Language ATAR course is designed to further develop students' knowledge and understanding of the culture and the language of Japanese-speaking communities, providing them with opportunities to gain a broader and deeper understanding of Japanese and extend and refine their communication skills. The course focuses on the interrelationship of language and culture, and equips students with the skills needed to function in an increasingly globalised society, a culturally and linguistically diverse local community, and provides them with the foundation for life-long language learning. Relevant and engaging tasks, delivered through a range of appropriate contexts and topics, develop literacy in the Japanese language as well as extend literacy development in English.

Units covered are Daily Life, Welcome to My Country.

Students further develop their language skills in the areas of reading, writing, speaking and listening whilst learning about Japanese culture.

Students have the opportunity to put their learning into practice by participating in a biennial Cultural Homestay Trip which takes place in the Term 1 holidays. This trip enhances the students' learning and understanding of Japanese culture but is not compulsory.

Students also have the opportunity to host students from our sister School in Kobe, Keimei Gakuin as part of this Homestay Trip.



YEAR 11

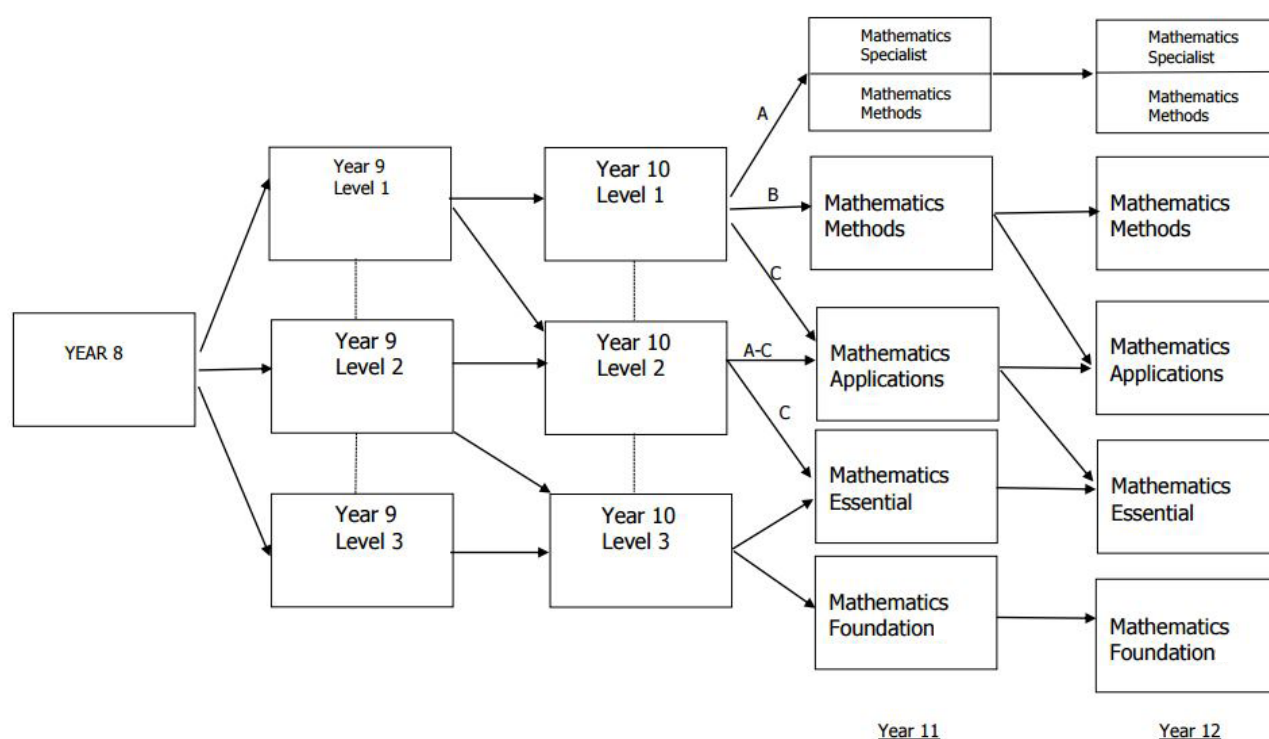
MATHEMATICS

MATHEMATICS APPLICATIONS
MATHEMATICS METHODS
MATHEMATICS SPECIALIST
MATHEMATICS ESSENTIAL

LIST B

ATAR
ATAR
ATAR
GENERAL

PATHWAYS FOR YEAR 11 AND 12



OVERVIEW OF MATHEMATICS

There are six mathematics courses. Each course is organised into four units. Unit 1 and Unit 2 are taken in Year 11 and Unit 3 and Unit 4 in Year 12. The Western Australian Certificate of Education (WACE) examination for each of the three ATAR courses is based on Unit 3 and Unit 4 only.

The courses are differentiated, each focusing on a pathway that will meet the learning needs of a particular group of senior secondary students.

FURTHER INFORMATION

- Recommendations as to which course a student should study in Year 11 will be given to Year 10 students at the end of Semester 1. If you have any questions regarding these Mathematics courses please contact Mrs Logue, Acting Head of Mathematics.

COURSE DESCRIPTION

MATHEMATICS APPLICATIONS

ATAR

LIST B

Prerequisite: Level 2 'A', 'B' or 'C' or Level 1 'C'

Mathematics Applications is an ATAR course which focuses on the use of mathematics to solve problems in contexts that involve financial modelling, geometric and trigonometric analysis, graphical and network analysis, and growth and decay in sequences. It also provides opportunities for students to develop systematic strategies based on the statistical investigation process for answering questions that involve analysing univariate and bivariate data, including time series data.

MATHEMATICS METHODS

ATAR

LIST B

Prerequisite: Year 10 Level 1 'A' or 'B'

Mathematics Methods is an ATAR course which focuses on the use of calculus and statistical analysis. The study of calculus provides a basis for understanding rates of change in the physical world, and includes the use of functions, their derivatives and integrals, in modelling physical processes. The study of statistics develops students' ability to describe and analyse phenomena that involve uncertainty and variation.

MATHEMATICS SPECIALIST

ATAR

LIST B

Prerequisite: Year 10 Level 1 'A' and enrolled in Mathematical Methods

Mathematics Specialist is an ATAR course which provides opportunities, beyond those presented in the Mathematics Methods ATAR course, to develop rigorous mathematical arguments and proofs, and to use mathematical models more extensively. The Mathematics Specialist ATAR course contains topics in functions and calculus that build on and deepen the ideas presented in the Mathematics Methods ATAR course, as well as demonstrate their application in many areas. This course also extends understanding and knowledge of statistics and introduces the topics of vectors, complex numbers and matrices. The Mathematics Specialist ATAR course is the only ATAR mathematics course that should not be taken as a stand-alone course.

MATHEMATICS ESSENTIAL

GENERAL

LIST B

Prerequisite: Nil

Mathematics Essential is a General course which focuses on using mathematics effectively, efficiently and critically to make informed decisions. It provides students with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings. This course provides the opportunity for students to prepare for post-school options of employment and further training.

YEAR 11

MUSIC AND DRAMA

LIST A

DRAMA
DRAMA
MUSIC: WESTERN ART

ATAR
GENERAL
ATAR

COURSE DESCRIPTION

DRAMA

ATAR

LIST A

Prerequisite: Year 10 Drama 'C' grade or higher and English 'B' grade is recommended.

The Drama ATAR course focuses on drama in practice and aesthetic understanding as students integrate their knowledge and skills. They engage in drama processes such as improvisation, play building, text interpretation, playwriting and dramaturgy. This allows them to create original drama and interpret a range of texts written or devised by others by adapting the theoretical approaches of drama practitioners like Stanislavski and Brecht.

Students' work in this course includes production and design aspects involving directing, scenography, costumes, props, promotional materials, and sound and lighting. Increasingly, students use new technologies, such as digital sound and multimedia. They present drama to make meaning for a range of audiences and adapt their drama to suit different performance settings.

The focus in this course is on both individual and ensemble performance, as well as the roles of actor, director, scenographer, lighting designer, sound designer, costume designer and dramaturge.

After school rehearsals in the lead up to the production task are often required.

DRAMA

GENERAL

LIST A

The Drama General course focuses on drama in practice and aesthetic understanding as students integrate their knowledge and skills. They engage in drama processes such as improvisation, play building, text interpretation, playwriting and dramaturgy. This allows them to create original drama and interpret a range of texts written or devised by others by adapting the theoretical approaches of drama practitioners like Stanislavski and Brecht.

Students' work in this course includes production and design aspects involving directing, scenography, costumes, props, promotional materials, and sound and lighting. Increasingly, students use new technologies, such as digital sound and multimedia. They present drama to make meaning for a range of audiences and adapt their drama to suit different performance settings.

The focus in this course is primarily on ensemble performance and team work.

After school rehearsals in the lead up to the production task are often required.

MUSIC: WESTERN ART

ATAR

LIST A

Prerequisite: Year 10 Music extension 'B' grade

The Music ATAR course encourages students to explore a range of musical experiences, developing their musical skills and understanding, and creative and expressive potential, through a choice of one of three defined contexts: Western Art Music, Jazz, or Contemporary Music. The course consists of a written component incorporating Aural and Theory, Composition and arrangement, Cultural and historical analysis, and a practical component.

The practical component can be delivered in a different context, independent of the written component. Students can choose to perform on an instrument or voice in one of four contexts, and/or submit a composition portfolio. The Music course provides opportunities for creative expression, the development of aesthetic appreciation, and understanding and respect for music and music practices across different times, places, cultures and contexts.

Students listen, compose, perform and analyse music, developing skills to confidently engage with a diverse array of musical experiences, both independently and collaboratively. Studying music may also provide a pathway for further training and employment in a range of professions within the music industry.

PHYSICAL AND OUTDOOR EDUCATION

LIST A AND B

OUTDOOR EDUCATION
PHYSICAL EDUCATION STUDIES
PHYSICAL EDUCATION STUDIES
HEALTH STUDIES

GENERAL
ATAR
GENERAL
ATAR

LIST B
LIST B
LIST B
LIST A

OUTDOOR EDUCATION

GENERAL

LIST B

Course Description

Through interaction with the natural world, Outdoor Education aims to develop an understanding of our relationships with the environment, others and ourselves. The ultimate goal of this course is to contribute to a sustainable world. Outdoor Education is a course that develops the skills, knowledge and attitudes essential for expeditions in natural environments.

Assessment in Outdoor Education is based on the demonstration of 4 specific outcomes.

- **Outcome 1: Understanding the principles of Outdoor Education.** Students understand that Outdoor Education aims to develop an understanding of our relationships with the environment, others and ourselves through interaction with the natural world.
- **Outcome 2: Skills for safe participation in Outdoor Education.** Students develop skills, strategies, risk management and emergency response procedures to participate safely in outdoor activities.
- **Outcome 3: Understanding of the environment.** Students develop an understanding of the environment, human effects and management principles.
- **Outcome 4: Self-management and interpersonal skills in outdoor activities.** Students develop a self-understanding, the ability to make decisions and positive relationship skills when working with others.

Of primary concern is the responsibility of the individual in preparation for and self-management during expeditions. Outdoor Education is also designed to enhance the development of personal characteristics such as perseverance, cooperation, responsibility, reliability, determination, consideration and courage through physical challenge.

Outdoor Education is predominantly a practical subject supported by theoretical studies including the study of ecosystems of Western Australia, emergency response and first aid techniques, principles of navigation and weather forecasting. Students can expect to spend four out of six periods per week involved in practical activity.

Practical activities may include, canoeing, kayaking, sailing, roping skills, abseiling and climbing, navigation, camp craft, bush walking, and practical first aid. Parents please note that as we spend a large part of the year in an aquatic environment all members of the class will be made aware of any student who suffers from epilepsy, in the interests of the student's physical safety.

All students **will be required** to participate in a 5 day expedition at the end of Term 4 in order to satisfy Curriculum Council assessment requirements. The mode of transport and location for the expedition will be determined through negotiation with the students and teacher of each class at the beginning of the course. Students will however be required to pass a fitness assessment appropriate to the physical demands of the planned expedition in order to participate. Additional costs related to the expedition will be added to fee accounts.

PHYSICAL EDUCATION STUDIES

ATAR

LIST B

Prerequisite: Nil Science 'C' grade is recommended

Course Description

Physical activity is significant in many people's lives and makes an extensive contribution to the fabric of contemporary societies. It is a source of enjoyment and personal challenges and a focus in efforts to live healthier lives.

The Physical Education Studies course provides students with the opportunity to further their achievement across the following Curriculum Framework Outcomes.

- **Skills for physical activity;** students apply decision-making, movement, strategic and tactical skills to enhance personal participation in physical activity.
- **Self-management and interpersonal skills for physical activity;** students apply selfmanagement and interpersonal skills to enhance personal participation in physical activity.
- **Knowledge and understandings for physical activity;** students understand movement and conditioning, psychological and socio-cultural, and tactical concepts that inform the enhancement of participation in physical activity.
- **Knowledge and Understanding of sport psychology concepts for physical activity;** students understand mental skills, motor learning, coaching and tactical concepts that inform the enhancement of participation in physical activity.

Students will choose the physical activity context (sport) for learning and spend a significant percentage of time

YEAR 11

developing skills in that context. Students undertaking A1PES/A2PES in 2020 would more than likely be undertaking tertiary education beyond 2021. Students enrolling in ATPES, Physical Education Studies in 2020 will be required to sit both an external theory and practical examination (in a sports context of their own choice) at the end of 2017.

PHYSICAL EDUCATION STUDIES

GENERAL

LIST B

Course Description

The Physical Education Studies General course contributes to the development of the whole person. It promotes the physical, social and emotional growth of students. Throughout the course, emphasis is placed on understanding and improving performance in physical activities. The integration of theory and practice is central to studies in this course. Learning in the Physical Education Studies General course cannot be separated from active participation in physical activities and involves students in closely integrated written, oral and physical learning experiences based upon the study of selected physical activities.

Physical Education Studies General course is predominantly a practical course with contexts for participation determined by the class. Completion of Physical Education Studies enables students to develop the skills, knowledge and attitudes to enable them to adopt, maintain and promote healthy active lifestyles.

The Physical Education Studies General course is designed to facilitate achievement of the following outcomes.

Outcome 1: Skills for physical activity

Students apply decision-making, movement and tactical skills to enhance participation in physical activity.

Outcome 2: Self-management and interpersonal skills for physical activity

Students apply self-management and interpersonal skills to enhance participation in physical activity.

Outcome 3: Knowledge and understanding of movement and conditioning concepts for physical activity.

Students understand movement and conditioning concepts that enhance participation in physical activity.

Outcome 4: Knowledge and understanding of sport psychology concepts for physical activity

Students understand mental skills, motor learning, coaching and tactical concepts that inform the enhancement of participation in physical activity.

Students achieving the course of study outcomes will be well prepared for a range of post-school destinations, including immediate employment, or tertiary studies. They will be valuable recruits to an increasingly diverse range of employment opportunities in the sport, leisure and recreation industries, in education, sport development, youth work and health and medical fields linked to physical activity and sport.

Completion of Physical Education Studies enables students to develop the skills, knowledge and attitudes to enable them to adopt, maintain and promote healthy active lifestyles.

HEALTH STUDIES

ATAR

LIST A

Prerequisite: Nil

Course Description

The Health Studies ATAR course focuses on the study of health as a dynamic quality of human life. Students undertaking this course develop the knowledge, understanding and skills necessary to promote an understanding of the importance of personal and community action in promoting health.

The influence of social, environmental, economic and biomedical determinants of health is a key focus of the course. Other course content includes the influence of beliefs, attitudes and values on health behaviour, and the importance of self-management and interpersonal skills in making healthy decisions.

Using an inquiry process, students draw on their knowledge and understandings of health concepts and investigate health issues of interest. Through this process, they develop research skills that can be applied to a range of health issues or concerns.

This course will prepare students for career and employment pathways in a range of health and community service industries. Students will have the opportunity to develop key employability and life skills, including communication, leadership, initiative and enterprise. Inquiry skills will equip students to adapt to current and future studies and work environments.

PRACTICAL AND CREATIVE ARTS

CHILDREN, FAMILY AND COMMUNITY
ENGINEERING STUDIES
FOOD SCIENCE AND TECHNOLOGY
MATERIALS DESIGN AND TECHNOLOGY: TEXTILES
MATERIALS DESIGN AND TECHNOLOGY: WOOD
VISUAL ARTS
VISUAL ARTS

GENERAL
ATAR
GENERAL
ATAR
GENERAL
ATAR
GENERAL

LIST A AND B

LIST A
LIST B
LIST B
LIST B
LIST B
LIST A
LIST A

COURSE DESCRIPTION

CHILDREN, FAMILY AND THE COMMUNITY

GENERAL

LIST A

The Children, Family and the Community General course focuses on factors that influence human development and the wellbeing of individuals, families and communities. Students explore the health of individuals and communities and the protective and preventative strategies that impact on growth and development. They engage in shared research, examine goal setting, self-management, decision making, communication and cooperation skills when creating products, services or systems that will assist individuals, families and communities to achieve their needs and wants. Contemporary Australian issues or trends relating to families and communities at the state and national level are examined in practical ways.

Topics studied cover pregnancy, birth, equipment, relationships, development, needs, language, safety, play and health. The practical nature of this course will enable students to become involved with the new 'baby Think It Over' program. This program incorporates the use of a lifelike computerised infant simulator designed to realistically allow students to experience what it is really like to care for a baby for an extended period of time.

Students are also required to participate in a variety of activities appropriate to babies and children, toy making and cookery. Frederick Irwin Pre-Primary will also provide an excellent medium for students to work and integrate with children on a regular basis.

This course serves as a link to the vocational childcare competency standards used by TAFE and would be of great value to those considering a career in teaching, childcare, medicine, nursing, occupational therapy and physiotherapy. Childcare in particular is an area displaying increasing vocational opportunity. Additional costs will be incurred for excursions.

ENGINEERING STUDIES

ATAR

LIST B

Prerequisite: Mathematics 10 Level 1B.

The Engineering Studies ATAR course provides opportunities for students to investigate, research and present information through the design process, and then undertake to make a functioning prototype. These activities provide students with opportunities to apply engineering processes, understand underpinning scientific and mathematical principles, develop engineering technology skills and to understand the interrelationships between engineering projects and society.

In the Engineering Studies course students will explore how the design of structures, machines, products and systems have become increasingly sophisticated over time to improve our quality of life. The course will cover two major areas - the engineering design process and the specialist engineering field of mechanical and structural engineering. A range of practical and designed based projects will be completed.

Engineering Studies provides a focus on design through exciting creative, practical and relevant opportunities for students to investigate, research and present information, design and make products and undertake project development. These activities provide students with opportunities to apply engineering processes, understand underpinning scientific and mathematical principles and develop engineering technology skills

Engineering Studies caters for the learning needs of all students, from those seeking a career in engineering to others pursuing an avid interest in the discipline. Students can choose a course that will allow them to achieve post-school destinations into a range of disciplines including engineering, science, aviation, mechanical, fabrication and electrical trades, drafting, architecture, urban planning, business, commerce, management and other technology related trades and professions in engineering. The course content is sufficiently diverse to provide students with the necessary foundation to meet employment needs in a range of occupations not limited to the engineering industry.

YEAR 11

FOOD SCIENCE AND TECHNOLOGY

GENERAL

LIST B

- Did you enjoy cooking in lower school?
- Do you enjoy courses with a practical focus?
- Then this new and exciting course may be just right for you!

The Food Science and Technology General course provides opportunities for students to explore and develop food related interests and skills. Food impacts on every aspect of daily life and is essential for maintaining overall health and wellbeing. Students organise, implement and manage production processes in a range of food environments and understand systems that regulate food availability, safety and quality. Knowledge of the sensory, physical, chemical and functional properties of food is applied in practical situations. Students investigate the food supply chain and value-adding techniques applied to food to meet consumer and producer requirements. Principles of dietary planning, adapting recipes, and processing techniques, are considered for specific nutritional needs of demographic groups. Occupational safety and health requirements, safe food handling practices, and a variety of processing techniques, are implemented to produce safe, quality food products. This course may enhance employability and career opportunities in areas that include nutrition, health, food and beverage manufacturing, food processing, community services, hospitality and retail.

Other aspects of this course include:

- Food safe accreditation (highly sought after if you are planning to work in the hospitality/tourism industry or in food related areas)
- Learning about the 'when and why' of nutrition essential for development
- Health issues specific to the young adult
- Expressing your creativity in the production of various cookery items, such as celebrating cultural events and identifying and meeting special needs
- The opportunity to explore and develop food related interests and passions

There is a focus on working with others in teams and following safe and hygienic food handling skills and practices.

MATERIALS DESIGN AND TECHNOLOGY: TEXTILES

ATAR

LIST B

- Do you enjoy the satisfaction of making something useful that you can use?
- Do you enjoy expressing your creativity and designing articles to wear and use?
- Do you enjoy subjects with a practical focus?
- Did you enjoy Fashion and Design in Years 9 and 10 and want more?

Materials Design and Technology ATAR is a practical course where students work with textiles in the design and manufacture of products. This is also a course about ideas, innovation and creativity. In order to do these well, students research and test the different characteristics of materials, and use strategies to develop innovative and creative ideas. They develop a clear understanding of the elements and fundamentals of design, and apply a learned design process to successfully develop a product. These include articles such as designer household products, teenage clothing, sleepwear items, fashion accessories, beaded jewellery, belts, scarves, quilts and textile art. Students will learn how technology has revolutionised the fashion industry. This course enhances employment and further training within the textiles, fashion, apparel and footwear industries.

Students apply skills of management in planning and implementing a process, at the same time as they manipulate tools and machines to produce high-quality products.

MATERIALS DESIGN AND TECHNOLOGY: WOOD

GENERAL

LIST B

The Materials Design and Technology General course is a practical course. Students will work with wood, with the design and manufacture of products as the major focus. Students have the opportunity to develop and practice skills that contribute to creating a physical product, while acquiring an appreciation of the application of a design process, and an understanding of the need for materials sustainability. Students will learn and practice manufacturing processes and technologies, including principles of design, planning and management.

Students apply skills of management in planning and implementing a process, at the same time as they manipulate tools and machines to produce high-quality products.

YEAR 11

VISUAL ARTS

ATAR

LIST A

Prerequisite: Year 10 Art 'B' and English 'C'

The Visual Arts ATAR course encompasses the practice and theory of many broad areas of art. Students will express their imagination, explore personal imagery, develop new skills and learn how to create and present artwork. Students will develop aesthetic understandings and will engage in traditional, modern and contemporary art forms, such as painting, drawing, sculpture, digital, printmaking, collage, ceramics, installations, textiles, montage and mixed media. The Visual Arts ATAR course aims to enable students to make connections to relevant fields of study and to prepare them for creative thinking and problem solving in future work. Students will transform and shape ideas and will develop resolved artwork through their understanding of visual literacy and symbols. A process of inquiry, exploration and experimentation that involves exploring, selecting and manipulating materials, techniques and processes will be of focus.

Students will explore approaches to style and technique and will explore themes surrounding self-image, society, identity, culture, place, politics, community and environment. Students will gain knowledge and an appreciation of art and culture, both in Australian and international contexts. They will analyse and evaluate their own works and the works of others from a range of historical and cultural viewpoints, and develop an appreciation of the role of art in the community and their daily lives.

The course content is divided into two components that include Art making and Art interpretation. The Art making component involves producing a practical body of work that equates to 50% of the assessed tasks within the course. The Art interpretation component also equates to 50% of the assessed tasks within the course and involves written analysis, investigations and an exam. This course is a highly recommended as a prerequisite for the Year 12 Visual Arts ATAR course.

VISUAL ARTS

GENERAL

LIST A

This Visual Arts General course places value on divergence, uniqueness and individuality. It encourages students to build confidence in their own creative abilities and to develop a greater understanding of their environment, community and culture. The course engages students in a process that helps them develop motivation, self-esteem, discipline, collaborative practice and resilience, all of which are essential life skills.

Students will improve aesthetic understandings and will engage in traditional, modern and contemporary art forms, such as painting, drawing, sculpture, digital, printmaking, collage, ceramics, installations, textiles, montage and mixed media. The Visual Arts General course enables students to develop their visual literacy and communication skills and to become discriminating in their judgements. Students will use a process of inquiry, exploration and experimentation to develop resolved artworks and will engage the selection and manipulation of materials, techniques and processes.

The course content is divided into two components that include Art making and Art interpretation. The Art making component involves producing a practical body of work that equates to 70% of the assessed tasks within the course. The Art interpretation component equates to 30% of the assessed tasks within the course and involves written analysis and investigations. This course is a highly recommended as a prerequisite for the Year 12 Visual Arts General course.



YEAR 11

SCIENCE

LIST B

BIOLOGY
CHEMISTRY
EARTH AND ENVIRONMENTAL SCIENCE
HUMAN BIOLOGY
PHYSICS
EARTH AND ENVIRONMENTAL SCIENCE

ATAR
ATAR
ATAR
ATAR
ATAR
GENERAL

BIOLOGY

ATAR

LIST B

Prerequisite: Year 10 Science 'C' grade

A unique appreciation of life and a better understanding of the living world are gained through studying the Biology ATAR course. This course encourages students to be analytical, to participate in problem-solving and to systematically explore fascinating and intriguing aspects of living systems, from the microscopic level through to ecosystems. Students develop a range of practical skills and techniques through investigations and fieldwork in authentic contexts, such as marine ecosystems, endangered species, anatomy and genetics. Scientific evidence is used to make informed decisions about controversial issues.

Biology is valuable background for many tertiary courses including Veterinary Studies, Dentistry, Medicine, Science, Botany, Zoology, Marine Biology, Environmental Science, Horticulture and Aquaculture.

Through laboratory work, field work (including a camp where students will work with Department of Parks and Wildlife) and class work, a study is made of the living world, including diversity and inter-relationships of living things; adaptations to various environments; natural selection, genetics and evolution; the functioning organism including cell structure and organ systems.

CHEMISTRY

ATAR

LIST B

Prerequisite: Year 10 Science 'B' grade, Mathematics Level 1 'B' grade

The Chemistry ATAR course equips students with the knowledge, understanding and opportunity to investigate properties and reactions of materials. Theories and models are used to describe, explain and make predictions about chemical systems, structures and properties. Students recognise hazards and make informed, balanced decisions about chemical use and sustainable resource management. Investigations and laboratory activities develop an appreciation of the need for precision, critical analysis and informed decision making. This course prepares students to be responsible and efficient users of specialised chemical products and processes at home or in the workplace. It also enables students to relate chemistry to other sciences, including biology, geology, medicine, molecular biology and agriculture, and prepares them for further study in the sciences.

This course is relevant to many tertiary courses and is essential for a range of courses in scientific, engineering, medical and paramedical areas, including nursing and food technology. Chemistry is a challenging course, which requires consistent effort to succeed. Student needs to have demonstrated the ability to write chemical formulae and equations competently in Year 10.

EARTH AND ENVIRONMENTAL SCIENCE

ATAR

LIST B

Prerequisite: Year 10 Science 'C' grade

Earth and environmental science is a multifaceted field of inquiry that focuses on interactions between the Earth's geosphere, hydrosphere, atmosphere and biosphere, and on dynamic, interdependent relationships that have developed between these components. Earth and environmental scientists consider how these relationships produce environmental change over a variety of timescales. To do this, they integrate knowledge, concepts, models and methods drawn from geology, biology, physics and chemistry in the study of Earth's ancient and modern environments. Earth and environmental scientists strive to understand past and present processes so that reliable and scientifically-defensible predictions can be made about the future. The Earth and Environmental Science ATAR course builds on the content in all science sub-strands of the Year 7–10 Science curriculum. In particular, the course provides students with opportunities to explore the theories and evidence that frame our understanding of Earth's origins and history; the dynamic and interdependent nature of Earth's processes, environments and resources; and the ways in which these processes, environments and resources respond to change across a range of temporal and spatial scales.

YEAR 11

In this course, the term 'environment' encompasses terrestrial, marine and atmospheric settings and includes Earth's interior. Environments are described and characterised with a focus on systems thinking and an integrated approach, rather than with a particular ecological, biological, physical or chemical focus. Studying senior secondary science provides students with a range of skills and understandings that are valuable to a wide range of further study pathways and careers. In the Earth and Environmental Science ATAR course, students develop their investigative, analytical and communication skills. They can apply these to their understanding of science issues in order to engage in public debate, solve problems and make evidence-based decisions about contemporary issues. The knowledge, understanding and skills introduced in this course will encourage students to become confident, active citizens who can competently use diverse methods of inquiry, and will provide a foundation for further studies or employment.

HUMAN BIOLOGY

ATAR

LIST B

Prerequisite: Year 10 Science 'C' grade, English 'C' grade recommended

The Human Biology ATAR course gives students a chance to explore what it is to be human—how the human body works, the origins of human variation, inheritance in humans, the evolution of the human species and population genetics. Through their investigations, students research new discoveries that increase our understanding of human dysfunction, treatments and preventative measures. Practical tasks are an integral part of this course and develop a range of laboratory skills. Students learn to evaluate risks and benefits to make informed decisions about lifestyle and health topics, such as diet, alternative medical treatments, use of chemical substances and the manipulation of fertility.

The course seeks to aid students not only in knowledge but also in the development of learning skills, handling skills and the process skills of science. The subject is highly recommended as a general education course for students finishing their formal education in Year 11 or 12, or interested in a career in health care and related professions. Human Biological Science requires a significant amount of learning as well as the ability to communicate this knowledge in the written form. Students should only select Human Biological Science if they are good readers, independent workers and have a good level of literacy.

PHYSICS

ATAR

LIST B

Prerequisite: Year 10 Science 'B' grade, Mathematics Level 1 'B' grade recommended

In the Physics ATAR course students will learn how energy and energy transformations can shape the environment from the small scale, in quantum leaps inside an atom's electron cloud, through the human scale, in vehicles and the human body, to the large scale, in interactions between galaxies. Students have opportunities to develop their investigative skills and use analytical thinking to explain and predict physical phenomena. Students plan and conduct investigations to answer a range of questions, collect and interpret data and observations, and communicate their findings in an appropriate format. Problem-solving and using evidence to make and justify conclusions are transferable skills that are developed in this course.

Physics is a challenging course and requires consistent effort to succeed. It is valuable for the further tertiary study of geology, physiotherapy, dentistry, geophysics and engineering.

EARTH AND ENVIRONMENTAL SCIENCE

GENERAL

LIST B

Prerequisite: Nil

This General course encourages students to develop their scientific skills of curiosity, observation, collection and analysis of evidence in the context of the dynamic planet Earth. A multidisciplinary approach, including geological and environmental sciences, encourages students to be curious about the world around them and to apply scientific principles to develop a balanced view of the benefits and challenges presented by the utilisation of resources. Sustainable management of resource use and its effects on the environment are a focus.

Students conduct practical investigations and have the opportunity to participate in field-based excursions that encourage them to apply what they have learnt in class to real world situations and ecosystems. This course provides an understanding of the minerals and energy industry and its contribution to Western Australia's economy.

YEAR 11

TECHNOLOGY

APPLIED INFORMATION TECHNOLOGY
MEDIA PRODUCTION AND ANALYSIS

ATAR
ATAR

LIST A AND B

LIST B
LIST A

APPLIED INFORMATION TECHNOLOGY

ATAR

LIST B

Prerequisites: Year 10 Mathematics Level 2 'C' grade, Year 10 Information Technology 'C' grade recommended.

Course description

The development and application of digital technologies impacts most aspects of living and working in our society. Digital technologies have changed how people interact and exchange information. These developments have created new challenges and opportunities in lifestyle, entertainment, education and commerce.

Throughout the Applied Information Technology ATAR course, students investigate client-driven issues and challenges, devise solutions, produce models or prototypes and then evaluate and refine the design solution in collaboration with the client. Students are provided with the opportunity to experience, albeit in a school environment, developing digital solutions for real situations.

The practical application of skills, techniques and strategies to solve information problems is a key focus of the course. Students also gain an understanding of computer systems and networks. In undertaking projects and designing solutions the legal, ethical and social issues associated with each solution are also considered and evaluated.

This course provides students with the opportunity to develop the knowledge and skills of digital technologies in order to use them in a responsible and informed manner.

The Applied Information Technology ATAR course provides a sound theoretical and practical foundation, offering pathways to further studies and a wide range of technology based careers.

MEDIA PRODUCTION AND ANALYSIS

ATAR

LIST A

Prerequisites: Nil

Course Description

The Media Production and Analysis ATAR course aims to prepare students for a future in a digital and interconnected world by providing the skills, knowledge and understandings to tell their own stories and interpret the stories of others.

Students are encouraged to explore, experiment and interpret their world, reflecting and analysing contemporary life, while understanding that this is done under social, cultural and institutional constraints. Students, as users and creators of media products, consider the important role of audiences and their context. This course focuses on the application of media theory in the practical process.



YEAR 11





VOCATIONAL AND EDUCATIONAL TRAINING (VET)

1. CUA20215 – Certificate II Creative Industries (Live Production focus)

This qualification is delivered over two years under the auspices of Australian Institute of Education and Training (AIET) (RTO code – 121314)

2. CUA31015 – Certificate III Screen and Media

This qualification is delivered over two years under the auspices of Australian College of the Arts (Collarts) (RTO code – 0109)

3. MEM20413 – Certificate II Engineering Pathways

This qualification is delivered over two years under the auspices of Australian Institute of Education and Training (AIET) (RTO code – 121314)

4. CUA30915 – Certificate III Music

This qualification is delivered over two years under the auspices of Australian College of the Arts Pty Ltd. (Collarts) (RTO code –0109)

5. SIS20115 – Certificate II (Year 11) Sport and Recreation

This qualification is delivered over one year under the auspices of IVet Institute (RTO code – 40548). Certificate II Sport and Recreation follows in Year 12.



VET is offered at Frederick Irwin with the aim of preparing students for successful TAFE entry or careers related to Apprenticeship and Traineeship qualifications.

These UOC's are part of the nationally recognised Training Packages that recognise and assess people's skills and knowledge related to industry.

Students in Year 11 can choose from the following Vocational Education and Training opportunities:

- Certificate II Creative Industries (Live Production focus)
- Certificate III Screen and Media
- Certificate II Engineering Pathways
- Certificate III Music
- Certificate II Sport and Recreation

Students who successfully complete all of the course requirements will gain a nationally recognised certificate qualification while at school. These VET qualifications together with student's Schools Curriculum & Standards Authority (SCSA) subject grades aims to support students who seek TAFE entrance and/or employment in various Industries.

VET recognition arrangements in the WACE

The following recognition arrangements have been established to provide credit for VET achievement and to enable students to use this achievement to meet the requirements for a WACE:

Certificate II qualifications

A total of four unit equivalents (two Year 11 and two Year 12 units) is awarded for successfully completed Certificate II qualifications where student achievement in units of competency is equal to or greater than 220 nominal hours (the equivalent of four course units). A student who achieves a Certificate II qualification with units of competency that are less than 220 nominal hours in total will meet the minimum Certificate II qualification requirement however the qualification will only contribute towards the WACE as two Year 11 unit equivalents.

VET credit transfer and the C grade standard

VET credit transfer is not graded however each unit equivalent contributes to the WACE requirement for students to achieve 14 C grades or better with a minimum of six C grades in Year 12.

Up to a maximum of eight unit equivalents may be substituted by VET credit transfer.

YEAR 11

CERTIFICATE II IN CREATIVE INDUSTRIES

CUA20215 – Certificate II in Creative Industries (Live Production focus)

This qualification is delivered over two years under the auspices of Australian Institute of Education and Training (AIET) (RTO code – 121314)



Live Production Focus

This certificate is an Entertainment Industries qualification. The focus is on gaining practical Theatre Industry skills, knowledge and real-life experience in areas such as Events Management, Lighting and Audio, constructing props and costume pieces and assisting in a public event.

Completing the Certificate II is a pathway to a career or a life interest and connects you to further studies at TAFE, University, WAAPA or NIDA. You will gain practical experience in staging events and insight into the local arts industry whilst developing industry networks.

Developing your skills with this Certificate can assist you with creating a number of career paths while working as part of a team and being creative! Students complete 10 units of competence; 4 core units and 6 elective units.

BSBWOR203	Work effectively with others
CPCCOHS1001A	Work safely in the construction industry
CUAIND201	Develop and apply creative arts industry knowledge
CUAWHS302	Apply work health and safety practices
CUALGT201	Develop basic lighting skills and knowledge
CUASOU201	Develop basic audio skills and knowledge
CUAFOH202	Usher patrons
CUASCE201	Develop basic scenic art skills
CUASTA201	Develop basic staging skills
SITXFS4001	Use hygienic practices for food safety

CERTIFICATE II IN ENGINEERING PATHWAYS

MEM20413 – Certificate II in Engineering Pathways

This qualification is delivered over two years under the auspices of Australian Institute of Education and Training (AIET) (RTO code – 121314)



The Certificate II in Engineering Pathways is a National Training package Certificate and is recognized Australia wide. The qualification is intended for students interested in exposure to engineering or related work environments and it will equip students with knowledge and skills which will enhance the prospect of employment.

The qualification is delivered and assessed across a two year period. It is entirely school-based and there is no work experience component. The minimum requirements for achievement of the Certificate II in Engineering Pathways are completion of a minimum of twelve (12) units of competency as described below:

MEM13014A	Apply principles of occupational health and safety in the work environment
MEMPE005A	Develop a career plan for the engineering and manufacturing industry
MEMPE006A	Undertake a basic engineering project
MSAENV272B	Participate in environmentally sustainable work practices
MEM16006A	Organise and communicate information
MEM16008A	Interact with computing technology
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEMPE002A	Use electric welding machines
MEMPE003A	Use oxy-acetylene and soldering equipment
MEMPE004A	Use fabrication equipment
MSMAPMSUP106A	Work in a team

CERTIFICATE III SCREEN AND MEDIA

CUA31015 - Certificate III in Screen and Media

This qualification is delivered over two years under the auspices of Australian College of the Arts Pty Ltd. (Collarts) (RTO code -0109)

The Certificate III in Screen and Media is the perfect foundation to make that break into the vibrant exciting industry of digital media. You will have made a start towards a career as a web developer, multimedia designer or digital animator.

This is also a great way to improve your information and communications technology skills, making you more employable. You will gain the knowledge and skills to use digital technologies and multimedia, create digital animations, create a Website' gain workplace health and safety knowledge and experience working with interactive content.

Students undertaking this course will, among other things, plan and produce a video, create 'mood boards', make a simple web page, create an animated GIF, a logo and a poster.



BSBCRT301	Develop and extend critical and creative thinking skills
BSBWHS201	Contribute to health and safety of self and others
CUAIND301	Work effectively in the creative arts industry
BSBDES201	Follow a design process
BSBDES302	Explore and apply the creative design process to 2D forms
CUAACD301	Produce drawings to communicate ideas
CUAANM301	Create 2D digital animations
CUADIG302	Author interactive sequences
CUADIG304	Create visual design components
CUAWRT301	Write content for a range of media
ICPPRP225	Produce graphics using a graphic application



YEAR 11

CERTIFICATE III IN MUSIC INDUSTRY

CUA30915 – Certificate III in Music Industry

This qualification is delivered over two years under the auspices of Australian College of the Arts Pty Ltd. (Collarts) (RTO code –0109)

This qualification reflects the role of individuals who apply a broad range of competencies in a varied work context in the music industry, using some discretion and judgement and theoretical knowledge.

There is a significant performance component to this course which can be satisfied on any instrument. Units of Competency studied include:

CUACMP301	Implement copyright arrangements
CUAIND303	Work effectively in the music industry
BSBWHS201	Contribute to health and safety of others
CUAMCP301	Compose simple songs or musical pieces
CUAMCP303	Develop simple musical pieces using electronic media
CUAMLT302	Apply knowledge of style and genre to music industry practice
CUAMPF202	Incorporate music technology into performance
CUASOU202	Perform basic sound editing
CUASOU307	Record and mix a basic music demo
CUASOU311	Mix music in a studio environment
CUASOU402	Manage audio input sources



CERTIFICATE II SPORT AND RECREATION

SIS30513 – Certificate III in Sport and Recreation

This qualification is delivered over one year under the auspices of IVET Institute (RTO code – 40548)



This qualification reflects the role of individuals who apply the skills and knowledge to work in the sport and recreation industry. Likely roles for someone with this qualification include providing support in the provision of sport and recreation programs, grounds and facilities maintenance, routine housekeeping, retail and customer service assistance, administrative assistance and café service in locations such as fitness centres, outdoor sporting grounds or complexes or aquatic centres. All job roles are performed under supervision.

This is a VET course aimed at students who have a keen interest in sports performance and the recreation industry. Students will develop a wide range of skills including organisational skills, management skills and interpersonal skills. It is a practical based course that will allow students to get a real feel for what's involved in the sporting and recreation industry.

Successful completion of Certificate II in Year 11 gives the student the opportunity to complete Certificate III Sport and Recreation in Year 12.

Students complete 13 units of competence; 8 core units plus 5 elective units from:

BSBWOR202	Organise and complete daily work activities
HLTAID003	Provide first aid
HLTWHS001	Participate in workplace health and safety
SISXCAI001	Provide equipment for activities
SISXCAI002	Assist with activity sessions
SISXCAI004	Plan and conduct programs
SISXCCS001	Provide quality service
SISXEMR001	Respond to emergency situations
SISXIND001	Work effectively in sport, fitness and recreation environments
SISXIND002	Maintain sport, fitness and recreation industry knowledge
ICTICT203	Operate application software
SISSCOP201A	Prepare a pre or post event meal
SISSSCO101	Develop and update knowledge of coaching practices





YEAR 11

FREDERICK IRWIN ANGLICAN SCHOOL

A school of the Anglican Schools Association (Inc.)

T: (08) 9537 0000

36 -66 Gordon Road, Mandurah, WA 6210

www.frederickirwin.wa.edu.au