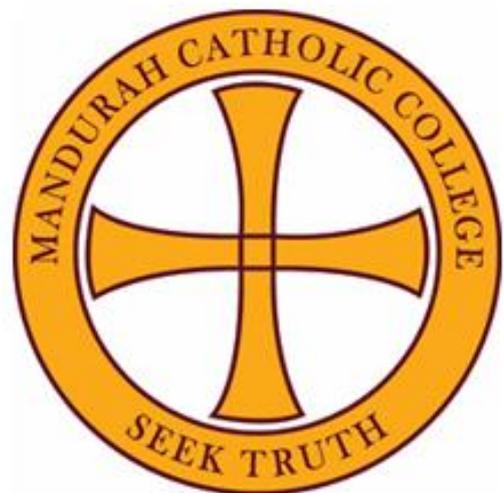


**YEAR 10
CURRICULUM
FOR PROSPECTIVE
STUDENTS
2017**



**MANDURAH
CATHOLIC
COLLEGE**

**UNDER THE PATRONAGE OF
THE HOLY FAMILY**

CONTENTS

GENERAL INFORMATION

Foreword.....	3
Introduction.....	4
Year 10 Core Subjects	5
Selection of Electives.....	5
Contacts.....	6

CORE SUBJECTS

Religious Education	8
Careers Education	8
English.....	9
Health Education.....	10
Mathematics	11
Humanities and Social Sciences	12
Science	13

ELECTIVE SUBJECTS

Archaeology and Anthropology	15
Australian Rules Football (Minor)	15
Business (Major and Minor).....	16
Dance (Major and Minor)	17
Design (Major and Minor)	18
Digital Technologies (Major and Minor)	
Drama (Major).....	19
Drama (Minor).....	19
Food Science Technology (Major)	20
Food Science Technology (Minor)	20
International Conflict in a Global World (Major)	22
Materials Design – Metal (Minor)	23
Materials Design – Textiles (Minor)	23
Materials Design – Wood (Minor)	24
Media (Major).....	25
Media (Minor).....	25
Music (Major)	26
Certificate II Music (Minor)	26
Outdoor Education (Minor).....	27
Philosophy (Minor)	27
Physical Education Studies (Major)	28
Physical Education Studies (Minor)	28
Physical Recreation (Minor)	29
Psychology (Minor).....	29
Science Extension (Minor)	30
Surf Science (Minor).....	30
Theatre Studies (Major).....	31
Tourism (Minor).....	31
Visual Art (Major).....	32
Visual Art (Minor).....	33
Certificate I Visual Arts (Wood focus) (Major).....	34

FOREWORD

Dear Parents and Students,

Entering Year 10 as a student at Mandurah Catholic College provides many opportunities to both consolidate existing learning and engage with further flexibility in what you study. It is true that in every year, a student should give of his or her best and strive for personal excellence. The student who treats Year 10 studies with focus, steady application and commitment is setting a great foundation to tackle Year 11 and 12 with confidence. Maturity and dedication during Year 10 studies opens so many doors to the final two years at the College and allows a young learner to be in control of her or his own destiny. Students who do not focus and give of their best in-class, through homework and study, will find restricted opportunities present themselves for Year 11.

There is much to read and reflect on in this booklet and I ask that, as a family, you take the time to talk about the journey and the many subject options ahead in Year 10.

Please feel free to contact the key staff should you have any queries about studies in Year 10 and beyond.

I wish you every success in planning for Year 10 and continuing your exciting learning journey at the College

Yours sincerely

Mr Andrew Watson
PRINCIPAL

INTRODUCTION

As students prepare to embark on their final 3 years of Secondary Schooling they need to be aware that the level of performance and achievement in subjects during Year 10 is the critical factor by which selection of senior school subjects is made. Entry to many subjects in Year 11 is dependent on the levels achieved in Year 10. There are a wide variety of subjects offered in Year 11 and 12 that allow entry into university and/or institutes.

Mandurah Catholic College offers subjects at Year 10 that reflect:

1. A broad spectrum of study disciplines
2. A diverse range of educational skills
3. The maximum opportunity for all students to undertake subjects that both caters for their present needs and abilities, and provides access to their chosen career.

Students will complete Year 10 at different levels of competence in all subject areas, however, it is important to realise that the choice of subjects available to each individual student in Year 11 and 12 will be based on the level of achievement gained by the end of Semester One in Year 10.

Students who have not met the minimum requirements for entry to subjects will be counselled to make alternative choices to improve their chances of success. Student work habits and results in Year 10 are indicative of how they will perform in Years 11 and 12 and therefore we put great emphasis on these results when considering subject suitability. As a guide, the current entrance requirements are included as an appendix to this booklet. (See Appendix 1)

YEAR 10 CORE SUBJECTS

At Year 10 level students are offered some choice in the subjects that they study. All students will study subjects in the following learning areas. These are considered their core subjects.

Religious Education
English
Mathematics
Humanities and Social Sciences
Science
Careers Education
Health Education

SELECTION OF ELECTIVES

Students are required to choose a number of electives to supplement the core programme. A description of each of these subjects is also contained in this book. This includes an indication of where the subject may lead. It is important at this stage of a student's school career that elective subjects are chosen with a view to possible Year 11 and 12 subjects and career options. As such there are several different types of electives and these are outlined below.

Major options are 4 periods per week. They are designed to prepare students for subjects in Year 11 and 12. **Every student must study one (1) major option.**

Minor options are 2 periods per week. **Every student must study two (2) minor options.**

All students must choose *at least one* Activity subject. Subjects that fulfil this requirement are:

AFL Studies
Dance
Drama
Outdoor Education
Physical Education Studies
Physical Recreation
Surf Science
Theatre Studies

Since allocation to subjects depends on timetable restrictions, students are asked to rank their preferences in priority order. Choice of a subject does not guarantee acceptance into this subject. Acceptance is conditional on there being sufficient students to form a class and satisfactory completion of the required levels of Year 9 work where specified.

For major electives, students are required to make two (2) selections and rank them in order of preference. For minor electives, students are required to make six (6) selections and rank them in order of preference. It is advisable to also list your second preference major elective as one of your early preference minor electives if you wish to study this subject. If we are unable to place you in your first preference major elective we will make every effort to place you in the corresponding minor elective.

The electives available are outlined in this handbook and are listed in *Subject Selection Online* (SSO).

CONTACTS

If parents have further concerns about Year 10 in 2017, they can direct them through the following departments or members of staff:

ENQUIRIES ABOUT THE ACADEMIC CURRICULUM

General Enquiries	Head of Year 9 (2016) Miss Karen Campbell
Religious Education	Mr Richard Sellwood
English	Ms Deborah Kluczniak
Mathematics	Mr Peter Jaeckel
Science	Mr Andrew Proctor
Social Science	Mrs Karen Hall
Visual Art	Mr Peter Martin
Drama	Mrs Joanne Hennessy
Music	Mr Adrian Doyle
Health and Physical Education	Mr Matthew Ritikis
Technology and Design	Mr Ian Pemberton
Information Services	Mrs Sarah Love

ENQUIRIES ABOUT:

School Dates for 2017	Student Administration
Sports	Mr Nick Jenkins Director of Sport
Subject Selection	Mrs Sonia Stephenson Timetabling Co-ordinator

Should a parent desire further information, please contact:

Mrs Mary-Anne Reynolds Deputy of Pastoral Care	Mr Paschal McCarthy Deputy of Teaching and Learning
Mr Andrew Watson Principal	

Year 10

Core Subjects

RELIGIOUS EDUCATION

Subject Description

Religious Education at Mandurah Catholic College seeks to be educational, challenging and creative in approach, while being open and supportive to the growth and enrichment of Faith of all students.

The specific aims of Religious Education are to:

- integrate the Gospel Values into their everyday lives
- respond freely
- grow in faith within the Catholic community.

Subject Content

Students will be challenged to explore a variety of issues through the following units:

1. God's Justice Leads to Peace
2. A Calling from God
3. Christian Conscience
4. God's Gift of Love and Sexuality

Assessment

All units of Religious Education are assessed through written assignments. These are generally completed during class and on occasion may require a homework component. All assessments in Religious Education require the same rigour as other core learning areas and follow the same policy for missed or late work.

CAREERS EDUCATION

The Careers Education Programme is based on the following format:

1. Learning About Me: developing a clear idea of values, abilities and interests about aspects of life, especially career choices.
2. Learning About Further Education and Work: gaining information about future education and work options to base decisions on.
3. Putting Career Decisions Into Practice: develop knowledge, skills and attitudes which will help put career decisions into practice.
4. Learning To Make Career Plans and Decisions: learning how to make decisions based on good information and well thought out choices.

ENGLISH

There will be four courses in English for Year 10 students. At the beginning of Year 10 students will be placed into classes that will be working at a pace commensurate with their ability as measured by performance in year 9. Content will vary accordingly but both Course 1 and Course 2 will primarily focus on preparing students for ATAR subjects in Year 11. Course 3 and 4 are not ATAR pathways but students who do well in semester 1 can move courses at the discretion of the Head of Learning Area.

Aims of Subjects

All courses in English are designed to enhance the critical and functional literacy ability of the student through the strands of language, literature and literacy. Students will learn about language and how to use it effectively through their engagement with and study of texts, (any form of written, spoken or visual communication involving language). The study of specific texts is the means by which students achieve the desired outcomes of English, rather than an end in itself. Students learn to create texts of their own and to engage with texts produced by other people. Course 1 and 2 has an emphasis on interpretation and analysis and students are expected to respond to range of texts more frequently than in Course 3 and 4 and at a more complex level.

Assessment

Assessments for both courses will cover a variety of assessment methods including timed responses, take home assessments both as essays and creative writing, exams and oral production activities such as speeches and role-play.

Excursions/Incursions

English requires students to participate in a viewing workshop. This workshop will have direct links to the curriculum and elements of the workshop will be assessed in exams. Cost of this incursion is estimated to be \$15:00.

On Completion of Courses

Students in Course 1 and 2 are well prepared for ATAR English subjects in Year 11, however only Course 1 English students will be permitted to enter ATAR Literature if their results meet the minimum requirement for the subject of 70%. Recommendations into ATAR English are done by the Head of Learning Area and students in either Course 1 or 2 must gain a minimum of 65% in their analytical responses to be recommended for ATAR.

HEALTH EDUCATION

Subject Description

In Year 10, the content provides students with the opportunity to begin to focus on issues that affect the wider community. They study external influences on health decisions and evaluate their impact on personal identity and the health of the broader community. Students continue to develop and refine communication techniques to enhance interactions with others, and apply analytical skills to scrutinise health messages in a range of contexts.

Subject Content

Students will be challenged to explore a variety of issues through the following units:

Road safety including the Keys For Life program

Diversity, Gender and Cultural differences

Media Influence on healthy choices

Relationships and sexual health behaviours

Assessment

Most units of Health Education are assessed through written assignments. These are generally completed during class and on occasion may require a homework component. All assessments in Health Education require the same rigour as other core learning areas and follow the same policy for missed or late work. The Keys For Life pre driver training program is assessed by adequate completion of the KFL booklet and a multiple choice test.

MATHEMATICS

There will be a number of Year 10 Mathematics Courses to cater for the varying abilities, and future pathways of the students. At the beginning of Year 10 students will be placed into classes that will be working at a level commensurate with their ability displayed during Year 9. Initially content will vary only slightly from class to class to allow for student movement between classes. As the year progresses however, the courses may become more divergent with content varying according to the course, and background and ability of the students.

Aims of Subject

The courses are designed to give students a broad base in mathematics education at a level of difficulty designed to offer a challenge to the students, while still allowing them the opportunity to achieve success. The various courses should provide students with the necessary background to enable them to proceed to a mathematics subject in Year 11.

Subject Outline

Student will cover topics in Number, Measurement, Algebra, Space and Chance and Data.

It is envisaged that students will:

- Acquire a mathematical knowledge, skills and terminology
- Interpret, organise and analyse mathematical information and data
- Apply mathematical knowledge and skills to solve problems
- Communicate mathematical information and data
- Justify mathematical results and make connections between important mathematical ideas and concepts
- Value mathematics as an important component of their lives

Technology

Students will be shown a variety of and the purpose of technology, how to apply the technology, and to evaluate the effectiveness of the application. This ability depends not only upon the students learning when and how to use technology, but also on their learning when the use of technology is inappropriate or even counterproductive.

Assessment

A range of assessment types will be used including class tests, examinations, assignments, homework, investigations, problem solving and class work.

On Completion of Courses

Course 1 prepares students for all Year 11 Mathematics ATAR subjects. Course 2 prepares students for Mathematics Applications in Year 11. Course 3 prepares students for Mathematics Essentials in Year 11. Entry into all subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

HUMANITIES AND SOCIAL SCIENCES

Humanities and Social Sciences consists of Civics and Citizenship, Economics and Business, Geography and Modern History. Students develop critical thinking and skill application to investigate events & developments both historical and contemporary.

In **Civics and Citizenship** students build on their understanding of democracy, justice, and rights by exploring Australia's legal obligations of foreign aid & peacekeeping with organisations such as United Nations. In particular Australia's international agreements, policies and laws for the protection of World Heritage areas, the International Convention on the Elimination of Racial Discrimination and the Rights of the Child.

Economics and Business is concerned with the concept of the economy by focusing on market variations, economic growth rates, unemployment trends and inflation rates. It explores the nature of the role of governments in managing economic performance to improve living standards. They inquire into the ways businesses manage their workforces to improve productivity such as investment and technology. Other factors include the distribution of income and wealth in the economy and the ways in which governments can redistribute income through taxation and social welfare payments.

The emphasis in **Geography** is on environment, interconnection, sustainability and change. Whilst focusing on the management of environmental resources and human wellbeing from local to global and in a range of locations.

Environmental change and Management focuses on human-induced environmental changes such as water and pollution and degradation of land and impacts on coastal aquatic environments.

Geographies of human wellbeing looks at the different ways of measuring and mapping human wellbeing and development, and how these can be applied to measure differences between places to improving human wellbeing in Australia and other countries.

Modern History comprises of historical understanding through key concepts, including evidence, continuity and change, cause and effect, perspectives. These concepts are investigated within the historical context of the modern world and Australia from 1918 to the present.

Depth study 1: Investigating World War II (1939–1945) The experiences of Australians during World War II, with an emphasis on the Australian home front, including the changing roles of women and use of wartime government controls such as conscription, manpower controls & rationing,

Depth study 2: Investigating Rights and Freedoms (1945–the present) The origins and significance of the Universal Declaration of Human Rights, including Australia's involvement. The Civil Rights movement from the US background to the struggles of Aboriginal and Torres Strait Islander Peoples for rights and freedoms before 1965 to present day, including the 1938 Day of Mourning, the Stolen Generations to the formal Apology.

SCIENCE

There will be a number of Year 10 Science pathways. The pathways are designed to provide students with a breadth of experience in the branches of Science and to cater for the various interests, abilities and ambitions of the students.

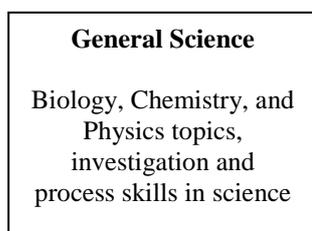
Aims of the Subjects

- To engage and involve students in their learning.
- To present topics relevant to students.
- To provide a sound background for both Year 11 & 12 ATAR Science and General subjects.
- To enable students to gain greater competence in the processes and skills involved in Science.
- To allow students to develop an appreciation of how science affects society, the responsibilities of scientists and the limitations of Science.

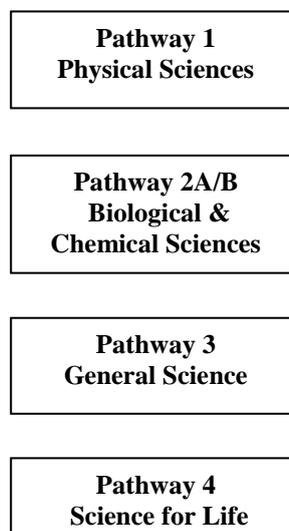
Subject Outline and Description

Year 10 Science has a core and elective component. At the beginning of Year 10 students will be placed into classes that will be working at a pace commensurate with their ability and will complete common units in Semester One. Selection into Semester Two courses is based upon achievement in Semester One and intended pathways beyond Year 10.

SEMESTER ONE



SEMESTER TWO



Assessment

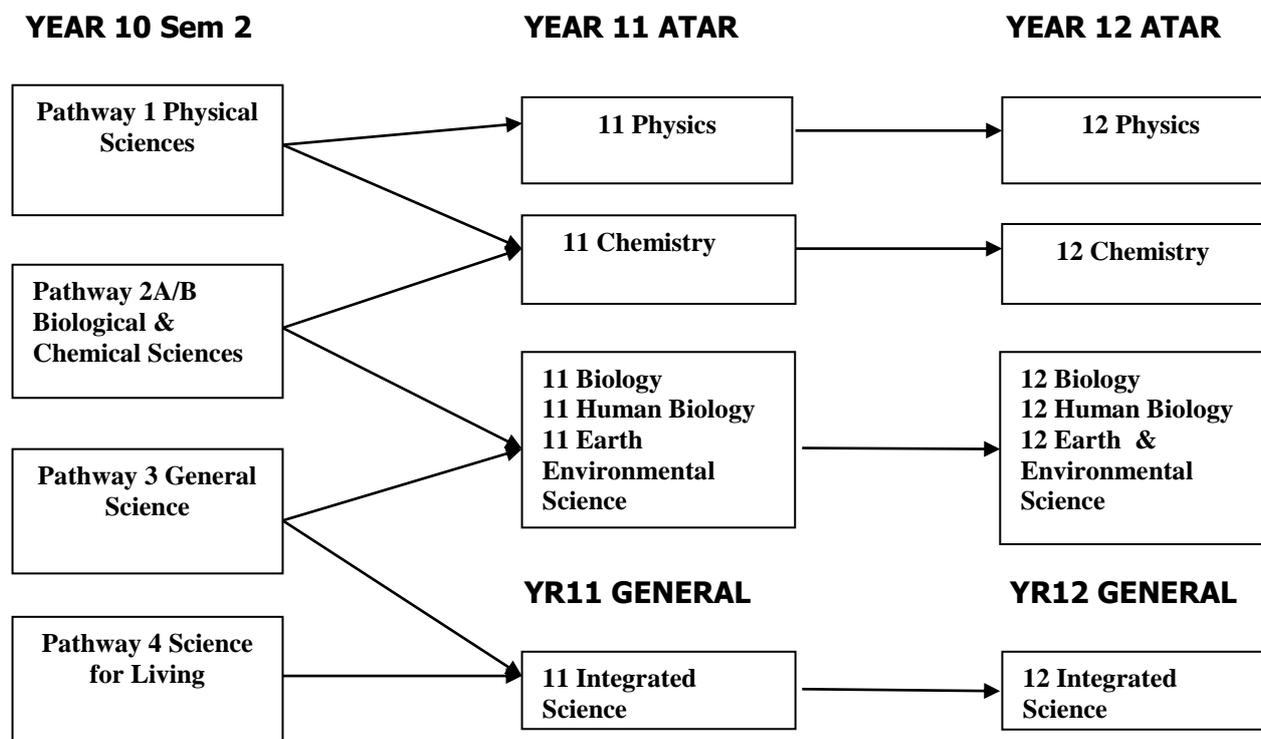
The forms of assessment will include

- Assignments/Research
- Semester Examination / Unit tests
- Investigation reports
- Homework Validations
- Practical folios
- Scenario analysis and interpretation

On completion of these courses

Based upon performance, students will be counselled into Physics, Chemistry, Biology, Human Biology, Earth & Environment Science, or Integrated Science. Entry into all subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

The diagram below indicates the subjects for which Semester Two Pathways prepare students.



YEAR 10 ELECTIVE SUBJECTS

**Students do
One (1) Major elective
and
Two (2) minor electives.**

ARCHAEOLOGY AND ANTHROPOLOGY (MINOR)

Subject Description

Have you ever wondered why people are the same and yet different at the same time, regardless of their generation, ethnicity, religion or gender? Have you considered that the Ancient Egyptians and the Ancient Romans are similar to you in the 21st Century? Archaeology is the study of the past through tracing remains, which survive into the present. How would you like to learn to develop your own archaeological expertise and skills? The focus is on the analysis of religious and ritual beliefs, death and daily life of past peoples by examining what they left behind. Anthropology involves the study of human society, culture and behaviour in the present within different societies.

Topics include:

- Ancient Egypt
- Ancient Rome
- Ancient Greece
- Indigenous sites
- Archaeological skills
- Working with artefacts

Assessment

Students will complete in oral presentations, in-class assessments, assignments and an archaeological dig and will recreate objects from past civilisations.

On Completion of Subject

This subject assists towards the study of Humanities and Social Science ATAR subjects and Religion and Life ATAR in Year 11.

AUSTRALIAN RULES FOOTBALL (MINOR)

Activity

Subject Content

This subject is for students who have a keen interest in Australian Rules Football. It is not just about playing "the game", but covers every aspect from pre-season fitness through to performance analysis.

- Skills acquisition
- Umpiring
- Game Analysis
- Fitness
- Game play

Assessment

All students will be assessed on their ability to demonstrate the outcomes of the subject through observation in the field.

Entry Requirements

Selection for this subject will be based on the recommendation from the student's current physical education teacher, involvement in Football and the number of applicants for the subject. Only students who have demonstrated positive behaviour and a keen attitude in Year 9 Health and Physical Education and have achieved a minimum grade of A or B will be considered.

BUSINESS (MAJOR and MINOR)**Aim of Subject**

Studying Business allows students to develop important skills that they will use on a daily basis throughout their lives.

Subject Description

This course incorporates elements of Economics, Accounting, Financial Literacy and Entrepreneurship to equip students with the knowledge and skills required to be active and informed citizens. Students will learn about real-life affairs such as the role of the Reserve Bank of Australia, how interest rates and the value of the Australian dollar affect us, and the impact of the Government on how we live our lives. This course will develop critical thinking and analytical skills, in addition to simple bookkeeping and financial literacy, which will culminate in the development of a business plan proposal with the potential to be implemented if approved.

Topics that may be covered in the course include:

- The economy and how it affects our everyday lives.
- Financial literacy skills including simple bookkeeping and budgeting.
- Elements of business, including marketing, managerial and financial analysis skills.
- Elements of a small business and what affects the potential for success/failure.
- Business plan preparation and presentation for a small business of their choosing.

The Major subject will cover similar areas of study and activities, but in far greater depth.

All students in the Business major course will complete the Certificate II in Business.

Assessment

Students studying the Business major will complete in-class tests, assessments and assignments throughout the year. Students will also have the opportunity in groups to present a small business concept to an executive panel for consideration.

On completion of subject

This subject will assist students towards study in Economics ATAR and Accounting & Finance ATAR. It will also equip students with the knowledge and skills covered in the Business Certificate II and III.

DANCE (MAJOR and MINOR)	Activity
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Aims of Subject

Dance is designed to offer beginner and more advanced dance students a wide variety of dance experiences. It is also designed to improve fitness, flexibility, rhythm and skill levels in varied dance genres. The subject will involve both theoretical and practical components.

Subject Description and Objectives

Emphasis is on the practical component in the studio, performance and technique. The students will cover choreography of dance and performance. The following dance genres will be covered:

- Jazz
- Contemporary
- Modern – including hip hop, Latin ballroom and salsa
- Tap

The theory component of the subject will cover the following areas:

- Watching and evaluating dance forms such as ballet, jazz and tap
- Basic science of movement
- Safe dance practices

No prior experience is necessary, just a desire on the part of students to learn and extend their dance skills. However, students must be prepared to perform in front of their peers and a wider audience.

Assessment

Students will demonstrate their outcome coverage through a variety of assessment structures including one written assignment per term (the dance journal), choreography activities and class based skills and performance improvement.

DESIGN (MAJOR and MINOR)

Your role as a Designer is to communicate, solve problems and create things for humanity and our environment. By understanding the rules for good design we can make things that are beautiful, durable and functional whilst remaining environmentally sustainable.

Subject Description

Tasks in Year 10 are designed to provide a broad understanding of Design principles and drawing techniques used in Industry. The Introductory Design work and skills acquisition provides a solid foundation for students seeking a career in Architecture, Manufacturing or any type of Design genre. Subject content will include design theory; however, both design subjects will be design and manufacture driven.

Tasks include:

- Industrial and Product design: 3 Dimensional modelling using 3D software to produce lamp concepts and solutions
- Graphic Design: Principles and Elements of design including typography, colour and layout, to design and produce an advertising poster and personal Logo
- Computer Aided Manufacturing: Production of a personalised Music or Sport influenced T-Shirt and laser cut & 3D printed lamp
- Dimensional Design: 2D CAD work designing a Company Brand image and producing a heat transfer vinyl T-Shirt.
- Major subject students will also use more advanced CAD software for Graphical and manufacturing projects.

Assessment

Students will demonstrate their coverage of the subject outcomes through a variety of tasks including design folio work, product analysis, focused research tasks, Laser cut and 3D Printed practical products.

On Completion of Subject

This subject specifically prepares students for Design ATAR. Entry into all subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

DIGITAL TECHNOLOGIES (MAJOR and MINOR)**Subject Description**

The subject advances skills from the Year 9 course, with modifications and projects tailored to a higher level. The students are required to select, identify and justify appropriate hardware, peripherals, operating systems and software applications for a specified client, produce a range of multimedia design projects using the technology process, undertake a basic introduction to programming in both Gaming and Web based applications, use and create data in spreadsheets and databases that focus on metadata and how this can be utilised for company profit, longevity, meeting, maintaining and expanding on consumers wants and needs, a look into the use of Robotics and Drones in Industry and how this will shape the future way everyday tasks are completed. Students will have an active and personal role in their projects.

The areas of study and activities include: -

- Hardware & Peripherals Requirements for clients
- Operating System and Software Requirements for clients
- Software Applications [Advanced word-processing, spreadsheet, database]
- Robotics/Drones
- Game Making
- Web Programming/HTML Editing
- Graphics
- Photographic Works and Editing
- Short film editing
- Sketchup technical drawing
 - Concept
 - Presentation

Assessment

As the subject progresses, students will have two assessment tasks per term covering a range of outcomes of the Digital Technologies Curriculum. Students will demonstrate these outcomes through a variety of assessment tools, such as hard and soft copies of work, specialist print work, individual and group based projects, folio work and tests.

On Completion of Subject

This subject specifically prepares students for Applied Information Technology General in Year 11.

DRAMA (MAJOR)	Activity
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Aim of Subject

Drama is a subject that allows for practical and theoretical exploration of the skills, conventions and processes of acting and theatre. Drama engages students in the processes of creating, exploring, analysing and devising to form a deeper understanding of society and human interaction.

Subject Description

This subject is aimed at students who wish to do Drama at higher levels in Year 11 and 12. The content is both practical and theory based. Potential Careers include: Actor, Director, Designer, Teacher or any job requiring great communication skills, creativity and teamwork.

Students will be involved in:

- Scripted plays in-class
- Group-devised performances for a public viewing
- Technical elements of productions: lighting, sound, costume and make-up.
- Reflective responses
- Performance reviews

Assessment

Students will complete practical performance assessments and written components made up of reflective responses and performance reviews.

On Completion of Subject

This subject specifically prepares students for Drama ATAR and Drama General. Entry into all subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

DRAMA (MINOR)	Activity
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Aim of Subject

In Drama, students learn about themselves and others by creating characters and situations. Drama will help to develop and enhance skills of communication and performance.

Subject Description

This subject is aimed at students who have a general interest in Drama, but not necessarily wishing to advance to university entrance level. The minor subject is designed to have a stronger emphasis on practical components with one written task.

Students will be given the opportunity to:

- Explore selected styles of drama throughout history
- Scripted Plays
- Group devised performances
- Improvisation

Assessment

Students will engage in both performance and written assessment tasks aimed at understanding and developing skills relating to live theatre.

FOOD SCIENCE AND TECHNOLOGY (MAJOR)

Aim of Subject

The Year 10 Food Science and Technology (Major) subject is designed to give students an introduction into the hospitality industry.

Subject Description

Students will work individually and in groups to develop their knowledge and skills related to food preparation for private and commercial purposes.

Areas to be covered include:

- Basic food preparation
- Cookery methods
- Cookery skills
- Food presentation
- Food preparation and cooking equipment
- Menu planning

Assessment

Students will be assessed throughout the year on a variety of investigative, theoretical and practical tasks.

On Completion of Subject

This subject specifically prepares students for Food Science & Technology General in Year 11.

FOOD SCIENCE AND TECHNOLOGY (MINOR)

Student attitudes and behaviours regarding healthy living can be influenced by providing opportunities to learn about where food comes from, how it is produced and how to prepare it.

Aim of Subject

The Year 10 Food Science and Technology (Minor) subject is a practical based subject that provides students with opportunities to extend their prior knowledge through the design and preparation of food for specific purposes and uses.

Subject Description

Students will cover the following:

- The formal menu – the menu will be broken down into individual courses and each course will be investigated, e.g. appetisers, entrée, main courses and desserts
- Multicultural cooking – different countries will be studied including the different methods of preparation each country has and their typical foods.
- Recipe development– students plan, develop and produce a new food product.
- Cake decorating – students study the basic methods of cake decorating by designing, making and decorating a celebration cake.

Assessment

Students will be assessed throughout the year on a variety of investigative, theoretical and practical tasks.

On Completion of Subject

This subject specifically prepares students for Food Science & Technology General in Year 11.

INTERNATIONAL CONFLICT IN A GLOBAL WORLD (MAJOR)

Aim of Subject

The study of political history contributes to students' intellectual, social and ethical development. When studied in conjunction with terrorism, 21st piracy and international relationships, students gain a greater understanding of the contemporary world around them – its conflicts, challenges and resolutions.

Subject Description

Students will study the processes of decision-making concerning society's collective future, within an historic context. Australia's political history will be analysed and compared to the often-turbulent political histories of other nations. Then, tracing the development of one of the Twenty First Century's most imminent world issues, students will examine the historical roots of terrorism and the new face of global conflict after World War II. The focus of this subject will be on causes, consequences, solutions and change.

Why are some rebels considered 'freedom fighters'? And who defines 'terrorism' anyway? This subject will answer these questions and many more.

"Critical to the fight against global terrorism is an ability to move beyond presumptions and stereotypes in our attitudes and policies and to form partnerships that transcend an "us" and "them" view of the world."

John L. Esposito

Assessment

Written, source analysis, IT presentation both take home and in-class.

On Completion of Subject

This subject prepares students for Year 11 Politics and Law ATAR and Modern History ATAR and Religion and Life ATAR. Entry into all subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

MATERIALS DESIGN TECHNOLOGY: METAL (MINOR)

Subject Description

Your role as a designer within Design Technology is to use creativity and imagination to come up with a solution, in the form of a suitable product, to the design briefs that you are given. You will then be tasked not only with building that product, but also with testing and evaluating it in order to determine its suitability for its purpose.

In designing and manufacturing these products students will experience working in Metal, using the available tools and machinery required for manufacture. They will also develop their presentation and communication skills through simple design and drawing activities.

Tasks in Year 10 are designed to introduce the fabulous world of fabrication and manufacturing in metals by using different methods of cutting, shaping and joining metals using welding techniques. The subject is aimed at those interested in a career in the mining, fabrication, manufacturing and design industries.

Tasks are

- barbecue spatula
- camping shovel

Assessment

Students will demonstrate their coverage of the subject outcomes through a variety of tasks including design folio work, accurate technical drawings and completed practical projects.

On Completion of Subject

This subject prepares students for Engineering Pathways (metal) Certificate II, Design ATAR and Materials Design Technology ATAR. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

MATERIALS DESIGN TECHNOLOGY – TEXTILES (MINOR)

Subject Description

The focus of this subject builds on the skills developed in years 8 and 9 with the emphasis on using the sewing machine and overlocker competently.

The subject is predominantly “hands on” which will facilitate you in developing an understanding of commercially produced patterns together with becoming skilled in the areas of clothing construction and decoration. These skills will enable you to produce articles that meet your needs and which are both fashionable and functional.

Students in this subject will cover the following:

- Introduction to fashion design – Year 10 Dance Dress Design
- P J pants & bag
- Hot Lips Cushion
- Craft Project
- Own choice project

Assessment

A range of tasks will be assessed including design briefs, portfolio work and practical skills.

MATERIALS DESIGN TECHNOLOGY: WOOD (MINOR)

Subject Description

Your role as a designer within Design Technology is to use creativity and imagination to come up with a solution, in the form of a suitable product, to the design briefs that you are given. You will then be tasked not only with building that product, but also with testing and evaluating it in order to determine its suitability for its purpose.

In designing and manufacturing these products students will experience working in woods, using the available tools and machinery required for manufacture. They will also develop their presentation and communication skills through the design portfolio.

Work in Year 10 builds on the knowledge and skills acquired in Years 8 and 9. The subject is mainly "hands-on" and is aimed at those considering a practical trade and students who may wish to study this subject at ATAR level.

The main tasks are:

- Design and manufacture of a Cutting Board and Laminated Fruit Platter

Assessment

Students will demonstrate their coverage of the subject outcomes through a variety of tasks including design folio work, but principally through the development of practical skills.

On Completion of Subject

This subject prepares students for Year 11 Materials Design Technology (Wood) ATAR, Certificate II Visual Arts (Wood focus) and Design ATAR. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

MEDIA (MAJOR)**Subject Description**

This subject is designed for those students who have a keen interest in the study of media texts and are looking to further study this changing medium in Year 11 and 12 at a tertiary entrance level. This subject has a 50/50 theoretical and practical approach.

The subject is divided into semesterised units with the first unit focusing on suspense films and multi-camera television productions. The main production task for this unit will be to produce, using the MCC TV Studio, a quiz show. Students will also produce a short thriller movie. There is a strong emphasis on developing practical skills with Adobe Premier Pro, vision switching equipment and the high definition video cameras. In addition, students will also have the opportunity to develop their understanding of DSLR cameras with a specialised unit on photography.

Major productions may also involve the students spending additional time such as break times and after school to complete productions. This would only be during the practical component of the subject.

On Completion of Subject

This subject prepares students for Year 11 Media Production and Analysis ATAR and Media Production and Analysis General. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

MEDIA (MINOR)**Subject Description**

This subject is designed for those students who would like a taste of media. Both theoretical and practical components will be undertaken but the focus of this subject will be practical through the production of media forms. Students will learn to plan, shoot and produce their own productions based on the media form studied, such as television, sitcoms and suspense films.

On Completion of Subject

This subject prepares students for Year 11 Media Production and Analysis ATAR and Media Production and Analysis General. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

MUSIC (MAJOR)

Subject Outline

Students will embark on a study of Contemporary Music based on the following outcomes:

1. Performing – students perform in a group and solo setting
2. Composing/Arranging – using technology, applying music language and stylistic awareness to contemporary composition and arranging
3. Listening & Responding – students respond to and reflect on and evaluate music in the contemporary context
4. Culture & Society – students understand how social, cultural and historical factors shape contemporary music.

Styles studied are Rock, Pop, Blues/Jazz and Parody

Students will be encouraged to perform regularly as part of this exciting unit of music and will have an opportunity to develop their own playing skills in ensemble and solo work. They may also have the opportunity to learn instruments other than what they usually play like guitar, bass guitar, keyboard and drums.

Assessment	Practical	50%
	Written	50%

Entry requirements

Students should have completed Year 9 Music or an interview with the Head of Music and previously completed a minimum of two years instrumental tuition.

On Completion of Subject

This subject prepares students for Year 11 Music ATAR and Music Certificate II. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

CERTIFICATE II MUSIC (MINOR)

Subject Outline

This qualification reflects the role of individuals who perform a range of mainly routine tasks in the music industry, work under direct supervision, and use limited practical skills and fundamental operational knowledge in a defined context. It is a preparatory qualification that can be used as a pathway into specialist Certificate III qualifications within the music industry.

Assessment

Music Certificate II will be assessed using Competences. To achieve a full certificate, students must be passed as 'Competent' in all Core and Elective Units studied.

Entry Requirements

It is an advantage to have studied Music in Year 9.

On Completion of Subject

This subject prepares students for Year 11 Music ATAR and Music Certificate II. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

OUTDOOR EDUCATION (MINOR)**Activity**

This subject is for students who are keen on being outdoors and learning outdoor pursuits. The majority of these pursuits are water based and students must be prepared to participate in all weather conditions over the entire year.

They are also given the opportunity to be self-reliant and to work as a team. Students will participate in a 3 day camp at the end of this subject.

Subject Content

- Surfing
- Canoeing
- Kayaking
- Snorkelling
- Camp cooking with portable stoves
- Climbing
- First Aid

Assessment

All students will be assessed on their ability to demonstrate the outcomes of the subject by observation in the field.

Cost

Approximately \$300 plus a school rash vest and own snorkelling equipment

Approximately \$120 for 3 Day camp.

Entry Requirements

Selection for this subject will be based on the recommendation from the student's current Physical Education and/or Outdoor Education teacher. Only students who have demonstrated positive behaviour and a keen attitude in Year 9 will be considered.

On Completion of Subject

This subject prepares students for Year 11 Outdoor Education ATAR and Outdoor Education General. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

PHILOSOPHY (MINOR)**Subject Outline**

How do we know? What is real? And how should we live? Does life have meaning? Philosophy is the oldest academic discipline, which explores questions that are deep, meaningful and significant. This highly practical subject delves into those ideas that significantly impact human life. Philosophy is a subject like no other that teaches students how to think not what to think.

Ideas march through the corridors of history, with good ideas helping humanity and bad ideas doing much harm. The course develops creativity and logical and critical thinking skills as students explore what the wisest people in history have said about the most important questions.

PHYSICAL EDUCATION STUDIES (MAJOR)	Activity
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This subject is for students interested in studying Physical Education Studies for University entry in Years 11 and 12. It will have the time allocation of two electives. There is a significant theoretical component to this subject with associated assessment.

Practical component (50% time allocation) Students will develop skills and tactics in team and individual sports as well as umpiring and game analysis.

Theory component (50% time allocation)

Lessons will involve learning about Exercise and Sport Science

- Skeletal and muscular system
- Circulatory system
- Respiratory system
- Coaching
- Sport psychology

Assessment

All students will be assessed on their ability to demonstrate the outcomes of this subject.

Entry Requirements

Selection for this subject will be based on the recommendation from the student's current physical education teacher. Only students who have demonstrated positive behaviour and a keen attitude in Year 9 Health and Physical Education and have achieved a minimum grade of A or B will be considered. Students must also have demonstrated sound competency to at least a C level in English.

On Completion of Subject

This subject prepares students for Year 11 Physical Education Studies ATAR and Physical Education Studies General. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

PHYSICAL EDUCATION STUDIES (MINOR)	Activity
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This subject focuses being active, developing new skills and participating in sporting competitions.

Subject Content

- Team sports
- Introduction to umpiring
- Organisation of competitions

Assessment

All students will be assessed on their ability to demonstrate the outcomes of the subject.

On Completion of Subject

This subject prepares students for Year 11 Physical Education Studies ATAR and Physical Education Studies General. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

PHYSICAL RECREATION (MINOR)**Activity**

This subject focuses on being active and developing fitness through participating in individual and passive sports.

Subject Content

- Individual sports
- Passive sports
- General Fitness

Assessment

All students will be assessed on their ability to demonstrate the outcomes of the

PSYCHOLOGY (MINOR)**Subject Description**

Psychology is the scientific study of people. Students studying Psychology will have the opportunity to look closely at themselves and the way they and others think and fit into society. While studying varying areas of psychology, students will examine the cognitive, developmental and biological influences and their effect on the individual.

Using topics such as conflict, fashion and appearance, extreme sports and resilience students will develop strong analytical and research skills, as they become efficient statisticians.

Subject content

Developmental psychology across the lifespan

Culture- race & prejudice

Social psychology – how individuals interact in groups

Criminology- criminal profiling and forensics

Communication studies

Assessment

Students will sit midyear and end of year assessments as well as participate in oral presentations and in-class tests and submit assignments.

On Completion of Subject

This subject specifically prepares students for Year 11 Psychology ATAR and assists towards study in Human Biology ATAR.

SCIENCE EXTENSION (MINOR)

Subject Description

This subject is intended for students who have made good progress in year nine Science and who have an interest in recent science based technologies and the issues that arise from their application. It will present a balance of coverage between the major branches of science i.e. Astronomy, Biology, Chemistry, Earth Science and Physics. Topics may include:

- Biotechnologies such as genetic engineering, cloning, gene therapy, stem cell research.
- Chemistry in local industry - monitoring water chemistry, refining processes, pollution controls.
- Physics in Health e.g. nuclear medicine, x-ray laser, ultra-sound

The approach to teaching, learning and assessment will be varied. Major aims will be to:

- Encourage independent investigation by student teams
- Encourage critical analysis of issues that the applications of recent technologies raise.
- View science and scientists at work in a variety of fields in the Perth region.
- Complete fieldwork using some of the latest technologies in monitoring equipment.
- Allow students to become better problem solvers using the scientific method of enquiry.

Assessment

The range of tasks will include

- Fieldwork reports
- Scenario analysis
- Practical reports
- Presentations
- Experimental design

Excursions

Science Extension will involve some field work (e.g., Scitech, Mandurah Sustainable Centre, and Museum) and consequently an excursion cost is associated with this option.

Entry Requirements

Entry to this subject will be based on achieving a grade of B or better in Year 9 Science.

SURF SCIENCE (MINOR)	Activity
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Subject content

This subject is for students who have a genuine interest in surfing and the surfing industry. This is not a "learn to surf" option. It is essential that students who choose this subject have their own board and wetsuit. Students who select this subject will have to be prepared to participate in all weather conditions and are currently confident surfers or body boarders.

- Fitness for surfing
- Surf condition awareness
- Sun safe behaviour
- Environmental awareness and Weather
- Equipment for surfing and manufacture
- Surfing skills
- Working in the surfing industry

Assessment

All students will be assessed on their ability to demonstrate the outcomes of this subject.

THEATRE STUDIES (MAJOR)**Activity****Subject Content**

Theatre Studies is designed to provide students with an in depth knowledge of Performing Arts. Students will learn and develop skills with a focus across a range of performing arts disciplines such as Music, Dance and Drama. Students will be required to engage in both practical and theoretical components of all three areas. Class focus will be placed Musical Theatre, and original devised student theatre. Students will be required to develop and build their own performances for a live audience, drawing from skills learnt from music, dance and drama.

Assessment

Students will complete theory written tasks and group devised performance assessments.

TOURISM (MINOR)**Subject Description**

This subject investigates the social, cultural, economic and environmental impacts of Tourism. Tourism is one of the largest global economic sectors, and it plays a key role in development around the world. After identifying popular tourism and the impacts of tourism, the alternatives eco- and geo-tourism are studied.

Content includes:

- Types of Tourism eg; Ecotourism
- Social, Economic and Environmental impacts of tourism
- Sustainability of tourism to a specific area
- World and National heritage sites – links to Significant Indigenous sites
- Alternatives to Traditional Tourism Eg; Dark Tourism
- Case studies: (Asia versus Australia)
- Technology and Enterprise links :use of travel blogs and sites to investigate worthwhile travel options
- Gap Year – Responsible travel options and giving back

Assessment

Students will complete in oral presentations, in-class assessments and assignments.

On Completion of Subject

This subject specifically prepares students for Year 11 Accounting, Economics, Business, Geography ATAR.

VISUAL ARTS (MAJOR)

Aim

The aim of the Visual Arts in Year 10 is to enable students to:

- further develop practical artwork and independence in their abilities to represent own ideas in the visual arts
- become acquainted with format and processes required to complete ATAR subjects in Years 11 and 12
- to improve their fluency in expressing the visual language in both practical and theory work

Subject Content

Students will produce a variety of artworks which may include

- drawing
- printmaking
- digital media
- computer graphics
- collage, mixed media
- ceramics - hand built forms
- sculpture - conceptual works
- installations
- textiles
- designed images
- jewellery, wearables and objects of body adornment

Students may study art in the following contexts:

- Contemporary Australian Art Movements
- Contemporary International Art Movements
- Conceptual Art

Assessment

ART MAKING	Production	60%
ART INTERPRETATION	Critical analysis	20%
	Investigation	20%

On Completion of Subject

This subject prepares students for Year 11 Visual Arts ATAR and Visual Arts General. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

VISUAL ARTS (MINOR)**Aim**

The aim of the Visual Arts in Year 10 is to enable students to:

- develop skills and media usage to further enhance practical artworks
- develop the use of the visual language in both practical and theoretical work

Subject Content

Students will produce a variety of artworks which may include

- drawing
- printmaking
- digital media
- computer graphics
- collage, mixed media
- ceramics - hand built forms
- sculpture - conceptual works
- installations
- textiles
- designed images
- jewellery, wearables and objects of body adornment

Students may study art in the following contexts;

- Contemporary Australian Craft
- Popular Australian Culture
- Religious Art

Assessment

Arts Ideas	15%
Arts Skills and Processes	60%
Arts Responses	10%
Arts in Society	15%

On Completion of Subject

This subject prepares students for Year 11 Visual Arts ATAR and Visual Arts General. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.

CERTIFICATE I VISUAL ARTS (Wood focus) (MAJOR)**Subject Description**

The Certificate I in Visual Art (Wood focus) is an appropriate qualification for a person planning to work in the furniture making, cabinet making, roof carpentry and general joinery industries. It is the first step towards an apprenticeship. This subject is also suitable for any student who may wish to pursue related subjects in Year 11. This programme provides students with the fundamental knowledge on all facets of building furniture and working effectively and safely in a workshop environment. This qualification is designed to reflect the role of entry level employees who perform routine tasks under direct supervision in the industry sector.

Practical projects will include:

- Cutting Board
- Picture frame
- Occasional table

The units of study will be:

Three Core Units

- Participate in OHS Processes
- Use basic drawing techniques
- Use ideas and techniques for creative work

Three Industry-specific Elective Units

- Make Measurements
- Communicate in the workplace
- Work in a team

On Completion of Subject

This subject assists towards study in Materials Design Technology ATAR, Design ATAR and Visual Art Contemporary Craft (Furniture – Wood) Certificate II. Entry into ATAR subjects in Year 11 is dependent on the student meeting the minimum requirements for that subject.