



# MANSFIELD STATE HIGH SCHOOL

## **YEAR 9 into YEAR 10 COURSE SELECTION BOOKLET**

**NAME:** \_\_\_\_\_

**2017 SDP:** \_\_\_\_\_

A replacement copy will incur a charge of \$10

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# YEAR 10 COURSE SELECTION INFORMATION

The Year 10 curriculum at Mansfield SHS provides students with a rich and challenging environment designed to prepare students for the rigors of the senior curriculum. When making subject choices students should consider:

- Year 10 should provide students with a broad based general education.
- Individual students are important. Curriculum pathways must be appropriate to the needs and abilities of each student, including processes to enable students to progress at varying rates.
- Students' career options should be kept open for as long as possible.

A wise choice of subjects has a vitally important bearing on happiness at school, success in studies and the range of options available for further study or for entry to a desired vocation. Members of the administration and teaching staff, and the Guidance Officer, will provide assistance to parents in selecting the best combination of subjects for their children. The final decision will rest with the parent and student.

Many subjects have selection rules with identified Recommended Prerequisites. These rules and Recommended Prerequisites must be followed. Where Recommended Prerequisites are stated, if students can demonstrate they already have similar knowledge and skills that would have been gained from completion of this Recommended Prerequisite unit, they may undertake the next level of the unit after agreement with the Head of Department.

## SELECTION RULES

When making your selections, keep in mind:

- your INTERESTS
- your ABILITIES
- the level of DIFFICULTY of the Unit
- RECOMMENDED PREREQUISITES
- possible CAREER needs
- electives to lead towards RECOMMENDED PREREQUISITE ACHIEVEMENT FOR SENIOR GENERAL SUBJECTS
- SUBJECT COSTS.

Do **NOT** take or avoid a unit simply because:

- one person says it is good or bad
- your friends are, or are not, taking it
- you think it is easy or difficult, but you have not researched this
- you like or dislike the teacher
- only boys or girls tend to take the subject.

If desired, students and parents may make appointments with the Guidance Officers to discuss the students' course selection and future career plans. In addition to the Guidance Officers, the following sources of information on subjects, courses and careers may prove useful:

Jobguide – available in our Resource Centre or from the Guidance Officers, as well as online at [www.jobguide.education.gov.au](http://www.jobguide.education.gov.au) OR [www.gooduniversitiesguide.com.au](http://www.gooduniversitiesguide.com.au).

- Australia's Career Information Service, called myfuture, at [www.myfuture.edu.au](http://www.myfuture.edu.au).
- The QTAC Guide – for occupations requiring university study or study in full-time TAFE diploma or advanced diploma courses or online at [www.qtac.edu.au](http://www.qtac.edu.au).
- The Department of Employment and Training website at: <http://training.qld.gov.au/>
- Other career information such as brochures from industry groups, which show the various pathways to jobs in these industries
- Employers and people who are already doing the work in which you are interested.

## WHAT CAN PARENTS DO TO HELP THEIR CHILDREN BE SUCCESSFUL?

- Don't assume responsibility but rather support your students in taking responsibility for their own education. A good way to do this is to ask them lots of questions rather than answering their questions. If students have to think, they should learn.
- Ask students questions about school. Find out how they interpret what is going on at school.
- Ensure that your students have a suitable place to study.
- Support the actions of the school.
- Regularly ask to peruse your student's books, work and homework. Write comments in the books and ask for the teacher to sign below your comments.
- Much ground can be made by showing an interest in what is happening and by helping students develop habits of industry and responsibility.

Best wishes to our students with their studies.

A handwritten signature in black ink, reading "K. Tanks", enclosed within a rectangular box.

**Karen Tanks**  
**Principal**

# THE NEW QUEENSLAND CERTIFICATE OF EDUCATION

Senior schooling in Queensland is changing to help give students the skills for success in work and life in the future. They'll acquire 21st century skills to support them as lifelong learners, valued employees, innovators and engaged global citizens. Under the new Queensland Certificate of Education (QCE), syllabuses have been developed in all subject areas and some subjects the curriculum and assessment will change. Students can still choose from lots of subjects and courses that suit their work and study goals.

There will also be a new way to rank students who wish to apply for university after school. The current rank is called the Overall Position (OP). From 2020, it will be the Australian Tertiary Admission Rank (ATAR).

## TYPES OF SUBJECTS

- **General subjects (G)** — currently known as Authority subjects. General subjects are suited to students who are interested in pathways beyond senior secondary schooling that lead primarily to tertiary studies and to pathways for vocational education and training, and work
- **Applied subjects (A)** — currently known as Authority-registered subjects or Subject Area Specification (SAS) subjects. Applied subjects are suited to students who are primarily interested in pathways beyond senior secondary schooling that lead to vocational education and training or work.

## ASSESSMENT

Assessment will be different in General and Applied subjects in the new QCE system. Four assessments will count towards a students' final grade in each subject. This is fewer assessments than students currently complete.

General subject results will be based on student achievement in three internal assessments (developed by MSHS), and one external assessment that is set and marked by the QCAA.

In most General subjects the internal assessment results will count for 75% of a students' overall subject result. In maths and science subjects, the internal assessment results will generally count for 50% of a students' overall result.

Applied subject results will be based on the achievement in four internal assessments. Internal assessments might include in-class tests, assignments, essays or some other form. Student work will be marked by MSHS teachers, and QCAA will then review samples of student work for every subject in every school to ensure the quality and rigour of assessment and results.

External assessment for each subject will be held on the same day in all schools across the state. A students' final subject result will be made up of their external assessment result, plus their three internal assessment results.

The Queensland Core Skills (QCS) Test will not be part of the new system. The last group to sit the test will be in Year 12 in 2019.

## TERTIARY ENTRANCE

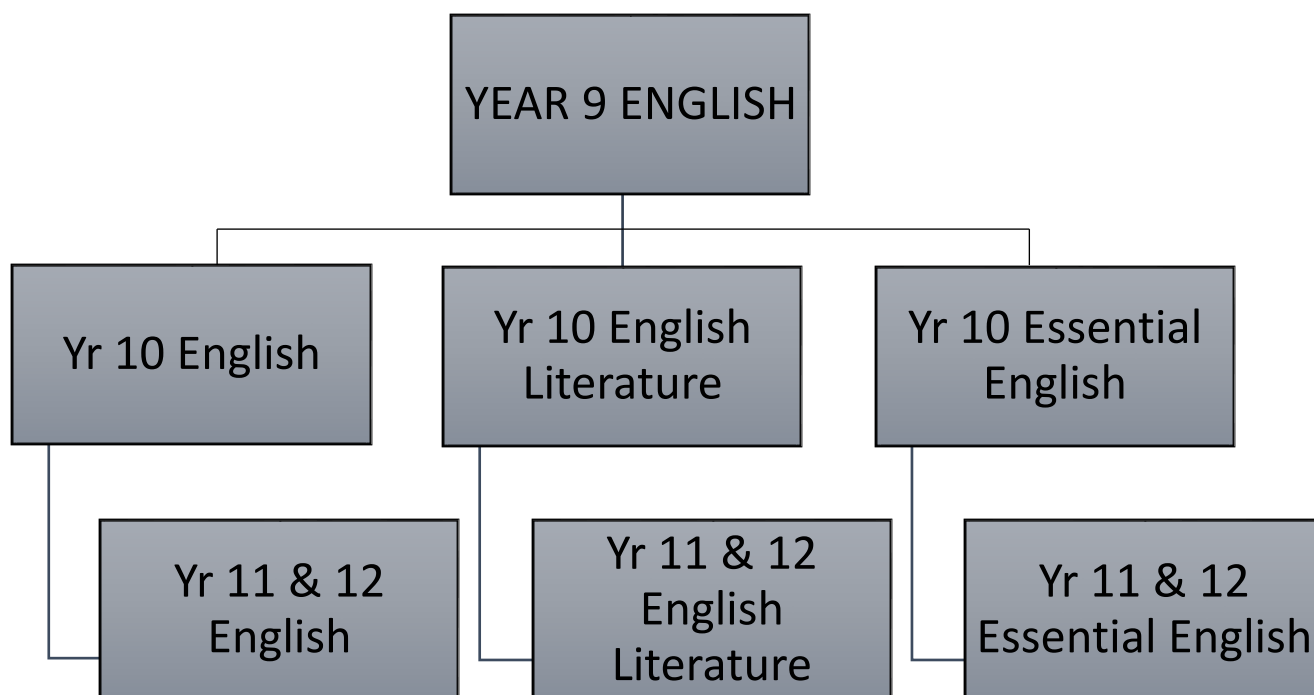
In 2020, if eligible, students will be ranked for university using the ATAR. A broad range of courses can contribute to the ATAR:

- Five General subjects; or
- Four General subjects, and one VET qualification at Certificate III or above; or
- Four General subjects, and one Applied subject.

To be eligible, students also need to pass an English subject, but the student's English result will only contribute to your ATAR if it's one of their best five subject results.

ATARs will be calculated and issued by the Queensland Tertiary Admissions Centre (QTAC). Visit its website for details: [www.qtac.edu.au/for-schools/atar-information](http://www.qtac.edu.au/for-schools/atar-information).

# ENGLISH FACULTY PATHWAYS



## GENERAL INFORMATION – ENGLISH

English is the official language of our country. With a history spanning more than 1500 years, it is spoken in more parts of the world than any other language, and by more people in the world except Chinese. Mastery of English allows participation in all spheres of Australian society, and increasingly in a global society. English is also one of the predominant languages of the Internet.

### ENGLISH (G)

#### Recommended Prerequisite

Nil

#### Course Description

English (Australian Curriculum) is organised into three interrelated strands that support students' growing understanding and use of Standard Australian English. Together the three strands focus on developing students' knowledge, understanding and skills in listening, reading, viewing, speaking and writing. The three strands are:

Language: knowing about the English language

Literature: understanding, appreciating, responding to, analysing and creating literature

Literacy: expanding the repertoire of English usage.

#### Course Units

Poetry, Prose (each Semester), Satire, Shakespeare (Romeo and Juliet).

#### Assessment

Two written and one spoken task per semester. A range of genres are assessed, including imaginative, persuasive and analytical.

#### Approximate Cost & Materials

\$38 + booklist items

## LITERATURE (G)

### Recommended Prerequisite

Nil but a minimum B in year 9 English is highly recommended

### Course Description

Literature follows the English (Australian Curriculum) course in more depth, at a faster pace and with more advanced literature than the subject English. It is organised into three interrelated strands that support students' growing understanding and use of Standard Australian English. Together the three strands focus on developing students' knowledge, understanding and skills in listening, reading, viewing, speaking and writing. The three strands are:

Language: knowing about the English language

Literature: understanding, appreciating, responding to, analysing and creating literature

Literacy: expanding the repertoire of English usage.

### Course Units

Poetry, Prose (each Semester), Satire, Shakespeare (Romeo and Juliet).

### Assessment

Two written and one spoken task per semester. A range of genres are assessed, including imaginative, persuasive and analytical.

### Approximate Cost & Materials

\$38 + booklist items

## ESSENTIAL ENGLISH (A)

### Recommended Prerequisite

Nil

### Course Description

Essential English follows the English (Australian Curriculum) course with a stronger focus on a workplace pathway rather than an academic pathway. It is designed for students who have experienced difficulty with the subject English in the junior years. While it still follows the three strands of English, there is greater emphasis on the *Literacy* strand. It is not recommended for students who wish to progress to tertiary study.

### Course Units

Poetry, Prose (each Semester), Satire, Shakespeare (Romeo and Juliet).

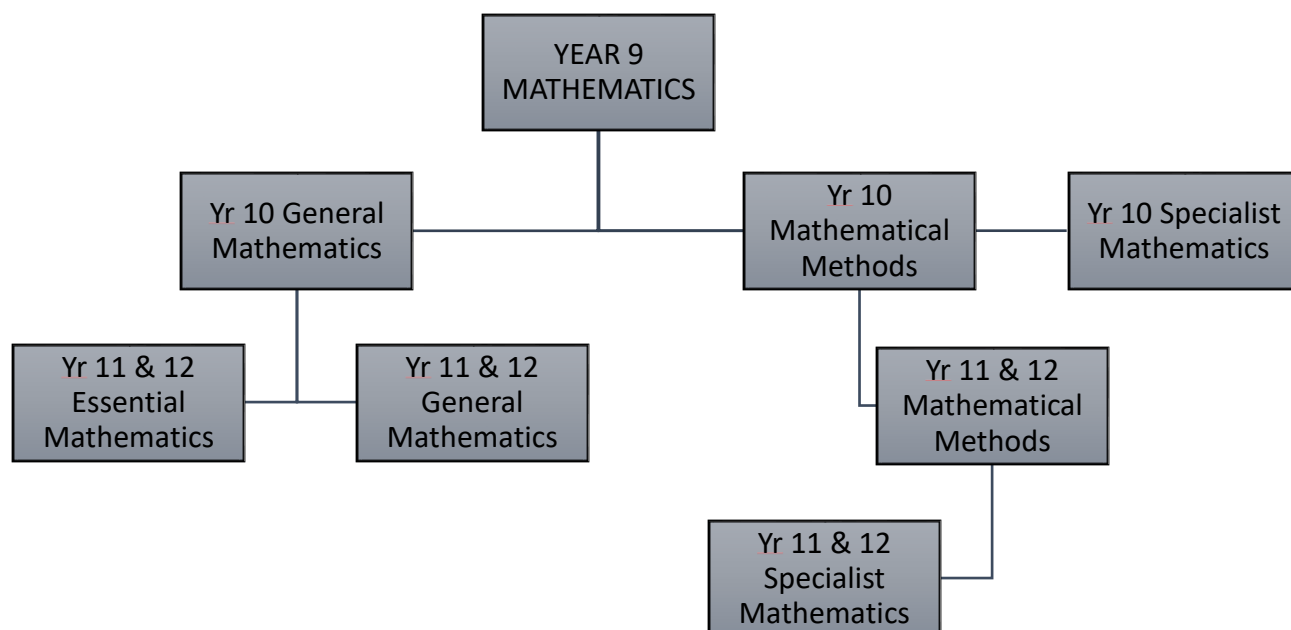
### Assessment

Two written and one spoken task per semester. A range of genres are assessed, including imaginative, persuasive and analytical.

### Approximate Cost & Materials

\$38 + booklist items

# MATHEMATICS FACULTY PATHWAYS



## GENERAL INFORMATION - MATHEMATICS

A letter of recommendation has been given to each year 9 student regarding the level of mathematics that your child should study in year 10. The maths studied in year 10 does influence the mathematical subjects your child will study in senior.

### MATHEMATICAL METHODS (G)

#### Recommended Prerequisite

At least a C+ in Year 9 Maths with a C in the criterion Thinking and Reasoning

#### Course Description

This course follows the Australian curriculum developing mathematical skills across all topics. This subject involves advanced mathematics with emphasis on algebra. The topics are covered in greater depth and at a faster pace than in General Mathematics.

#### Course Units

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability

#### Assessment

In class exams at the end of each term and one Investigation

#### Approximate Cost & Materials

\$19 + booklist items



## GENERAL MATHEMATICS (G)

### Recommended Prerequisite

Nil

### Course Description

This course follows the Australian curriculum developing mathematical skills across all topics.

### Course Units

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability

### Assessment

In class exams at the end of each term and one Investigation

### Approximate Cost & Materials

\$19 + booklist items

## SPECIALIST MATHEMATICS (G) *semester 1 or 2*

### Recommended Prerequisite

Mathematical Methods

### Course Description

This maths elective extends some of the topics taught in Year 10 Methods and introduces some topics from the senior courses.

### Course Units

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability
- Vectors and Matrices
- Linear Programming and Networking

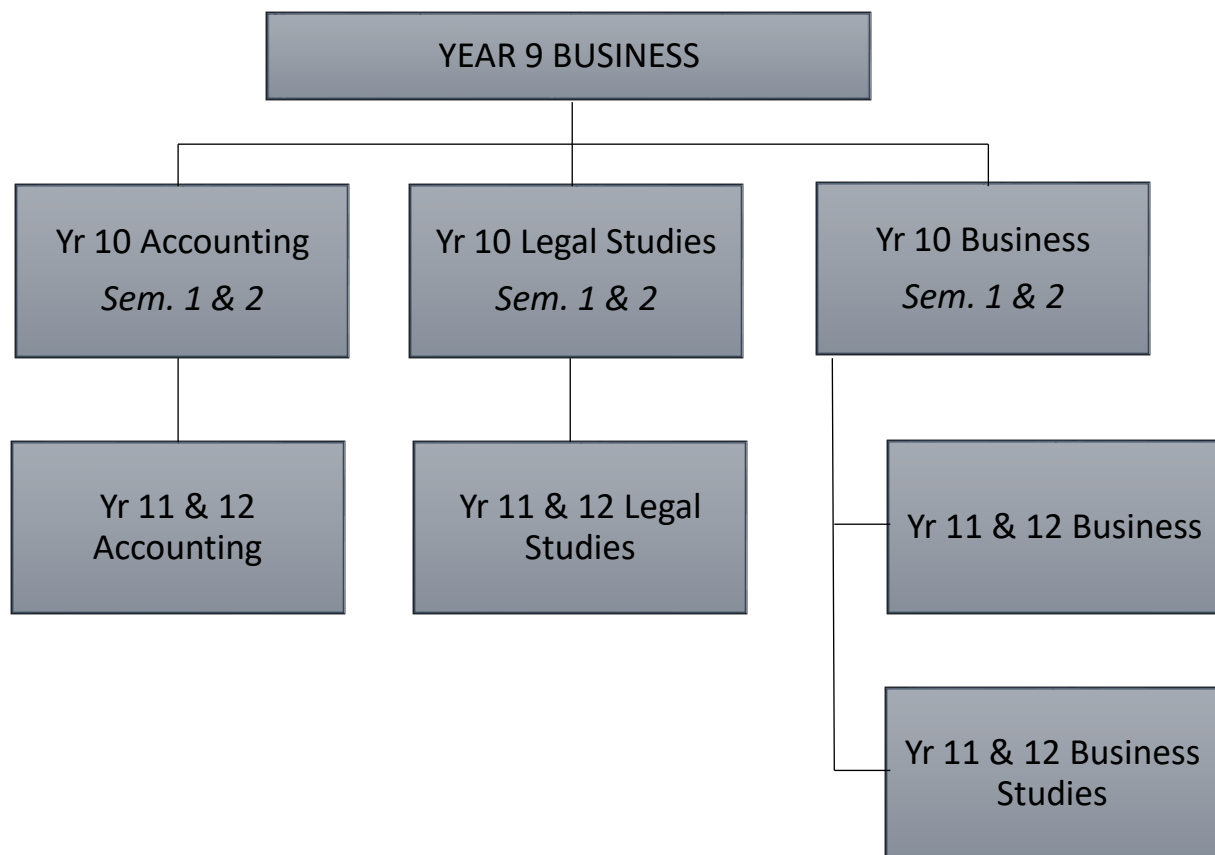
### Assessment

In class exams at the end of each term and one Investigation

### Approximate Cost & Materials

\$10

# BUSINESS EDUCATION FACULTY PATHWAYS



## GENERAL INFORMATION – BUSINESS EDUCATION

The study of business, enterprise and the law is relevant to all individuals in a rapidly changing, technology-focused and innovation-driven world. Through studying Business, students are challenged academically and exposed to authentic and real-life practices. The knowledge and skills developed in Business will allow students to contribute meaningfully to society, the workforce and the marketplace and prepare them as potential employees, employers, leaders, managers and entrepreneurs of the future. The content and skills taught, and the learning experiences encountered within the Business Education subjects are designed to provide students with an understanding of how business activity affects the daily lives of everyone as they work, spend, save, invest, travel, and play. Students learn in contexts that are familiar, practical and relevant.

Business, enterprise and the law are important for young people in secondary school as it is at this time student gain a degree of independence in accumulating and managing finances, making decisions about choosing products and services and acquiring legal rights and responsibilities as citizens.

## **ACCOUNTING 1 (G) *semester 1 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

This subject will introduce students to the financial accounting systems and procedures used by businesses to prepare records and reports for interested parties and to meet financial responsibilities and requirements. The focus for the semester is on the complete accounting process, including the interpretation of financial reports, for sole traders in both the service and trade industries.

### **Course Units**

- Accounting Fundamentals
- Accounting Process for Service and Trading Enterprises
- End of Period Financial Reporting

### **Assessment**

- Combination Exam
- Project

### **Approximate Cost & Materials**

\$10 + booklist items

## **ACCOUNTING 2 (G) *semester 2 only***

### **Required Prerequisite (unless enrolment approved by HOD)**

Accounting 1

### **Course Description**

This subject focuses on management accounting tools and strategies used for decision making and evaluating the performance of a business. Students will look at pricing strategies using cost-volume-profit analysis; cash control procedures through the use of cash budgets and analysing and interpreting end of period reports using ratios and internal and external benchmarks.

### **Course Units**

- Introduction to management accounting
- Evaluating business performance and decision making

### **Assessment**

- Combination Exam
- Project

### **Approximate Cost & Materials**

\$10 + booklist items

## LEGAL STUDIES1 (G) *semester 1 only*

### Recommended Prerequisite

Minimum C standard in year 9 English

### Course Description

This subject explores the function of the law in society. More specifically, students will investigate their role in the legal system and its changing society. They will investigate the validity of current legal practices and apply legal decision making processes to determine effective legal outcomes. Students will examine legal pathways available to members in society and evaluate the legal system's ability to provide for its stakeholders.

### Course Units

- Youth and the Law
- Social media and the law

### Assessment

- Combination Exam
- Extended Research Response

### Approximate Cost & Materials

\$10 + booklist items

## LEGAL STUDIES 2 (G) *semester 2 only*

### Recommended Prerequisite

Legal Studies 1 and a C in English

### Course Description

This course explores the function of the law in society relating to alcohol and alcohol fuelled violence, children and human rights. Students will investigate the validity of current legal practices and apply legal decision making processes to determine effective legal outcomes. Students will examine the relevant laws in Australia, evaluate their effectiveness and analyse the effect on individuals within society.

### Course Units

- Alcohol fuelled violence and the law
- Children and human rights

### Assessment

- Combination Exam
- Extended research response

### Approximate Cost & Materials

\$10 + booklist items

## **BUSINESS 1 (G) *semester 1 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

This subject provides students with the business knowledge, skills and strategies they need to contribute to the dynamic and constantly changing business environment. They will be provided with opportunities to engage in and understand a range of management practices. Students will explore the impact of a business's culture on its organisational structures, workforce and work environments. They will be provided with opportunities to engage in and understand business practices relating to ecommerce and setting up an online business.

### **Course Units**

- Fundamentals of business
- Establishment of a digital business

### **Assessment**

- Combination Exam
- Research Assignment

### **Approximate Cost & Materials**

\$10 + booklist items

## **BUSINESS 2 (G) *semester 2 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

This unit continues to expand students' knowledge, skills and strategies needed to contribute to the dynamic and constantly changing business environment. The course will help students understand the complexities involved in the administration and management of a business specifically relating to employee and employer rights and responsibilities; awards performance appraisals and human resource management.

### **Course Units**

- Human Resource Management 1 & 2

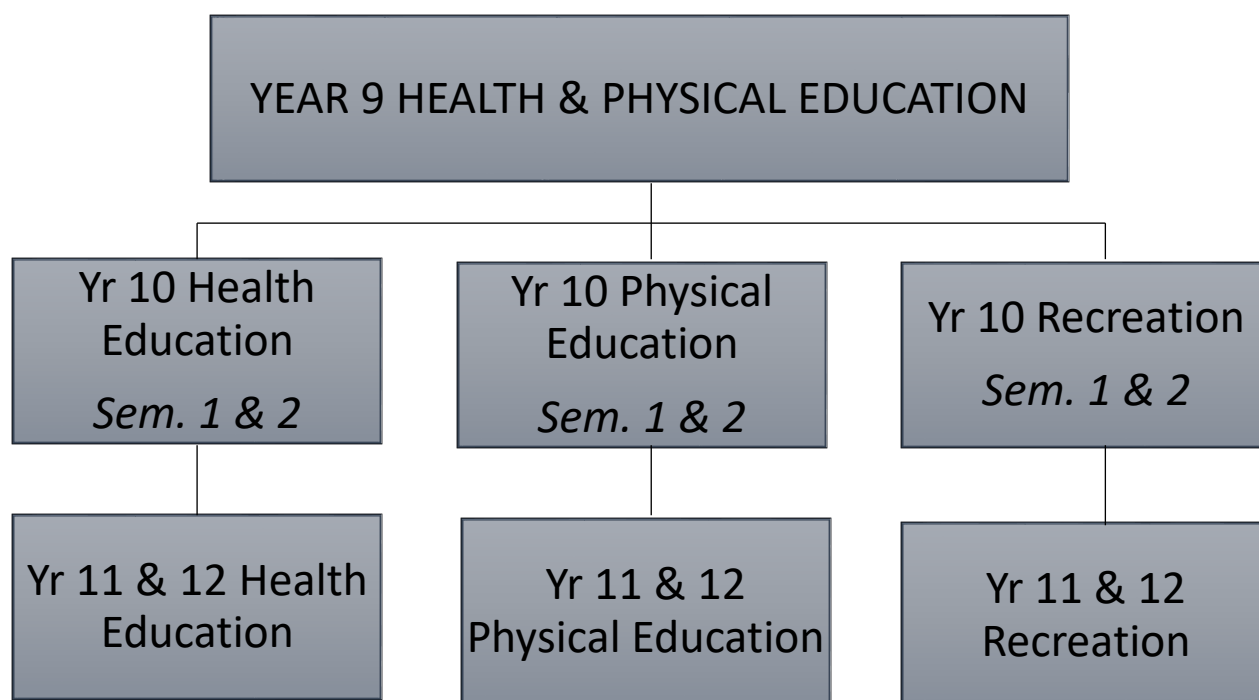
### **Assessment**

- Combination Exam
- Project

### **Approximate Cost & Materials**

\$10 + booklist items

# HEALTH AND PHYSICAL EDUCATION FACULTY PATHWAYS



## GENERAL INFORMATION – HEALTH AND PHYSICAL EDUCATION

The HPE Learning Area reflects the dynamic and multi-dimensional nature of health and recognises the significance of physical activity in the lives of individuals and groups in contemporary society.

### HEALTH EDUCATION 1(G) *semester 1 only*

#### Recommended Prerequisite

Nil

#### Course Description

Health Education would interest students who are concerned about social justice issues and who have a strong commitment to community. Students considering careers in health policy development, health and safety laws, regulations, health advocacy, health information management, counselling, social work, medicine and nursing would find this subject beneficial.

#### Course Units

Curriculum will be driven by relevant health issues, such as:

- Coping with stress and anxiety
- Risky adolescent behaviours

#### Assessment

Action Research Report  
Exam

#### Approximate Cost & Materials

\$10 + booklist items

## HEALTH EDUCATION 2 (G) *semester 2 only*

### Recommended Prerequisite

Nil

### Course Description

Health Education would interest students who are concerned about social justice issues and who have a strong commitment to community. Students considering careers in health policy development, health and safety laws, regulations, health advocacy, health information management, counselling, social work, medicine and nursing would find this subject beneficial.

### Course Units

Curriculum will be driven by relevant health issues, such as:

- Immunisation
- Health Care

### Assessment

- Action Research Report
- Analytical Essay

### Approximate Cost & Materials

\$10 + booklist items

## PHYSICAL EDUCATION 1 (G) *semester 1 only*

### Recommended Prerequisite

Nil

### Course Description

In Physical Education, physical activity serves as both a source of content and data and the medium for learning. Learning is based in engagement in physical activity with students involved in closely integrated written, oral physical and other learning experiences explored through the study of sport.

### Course Units

Students will compete in Oz-tag and Soccer while learning the follow sporting principles:

- Anatomy and Physiology
- Energy Systems

### Assessment

- On-going assessment of Oz-tag and Soccer
- Exam
- Assignment

### Approximate Cost & Materials

\$10; Ring binder / dividers / A4 paper / Sports uniform

## PHYSICAL EDUCATION 2 (G) *semester 2 only*

### Recommended Prerequisite

Nil

### Course Description

In Physical Education, physical activity serves as both a source of content and data and the medium for learning. Learning is based in engagement in physical activity with students involved in closely integrated written, oral physical and other learning experiences explored through the study of sport.

### Course Units

Students will compete in Oz-tag and Soccer while learning the follow sporting principles:

- Anatomy and Physiology
- Energy Systems

### Assessment

- On-going assessment of Oz-tag and Soccer
- Exam
- Assignment

### Approximate Cost & Materials

\$10 + booklist items

## RECREATION 1 (A) *semester 1 only*

### Recommended Prerequisite

Nil

### Course Description

Recreation focuses on the role recreation has in their life of individuals and communities. It is a subject that provides students with the opportunity to learn in, through and about recreation activities.

### Course Units

- A variety of recreational activities are examined while undertaking officiating and first aid.

### Assessment

- On-going assessment of recreational activities.
- Exam
- Research assignment
- Officiating

### Approximate Cost & Materials

\$10 + booklist items



## **RECREATION 2 (A) *semester 1 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

Recreation focuses on the role recreation has in their life of individuals and communities. It is a subject that provides students with the opportunity to learn in, through and about recreation activities.

### **Course Units**

- A variety of recreational activities are examined while undertaking coaching and tournament organisation.

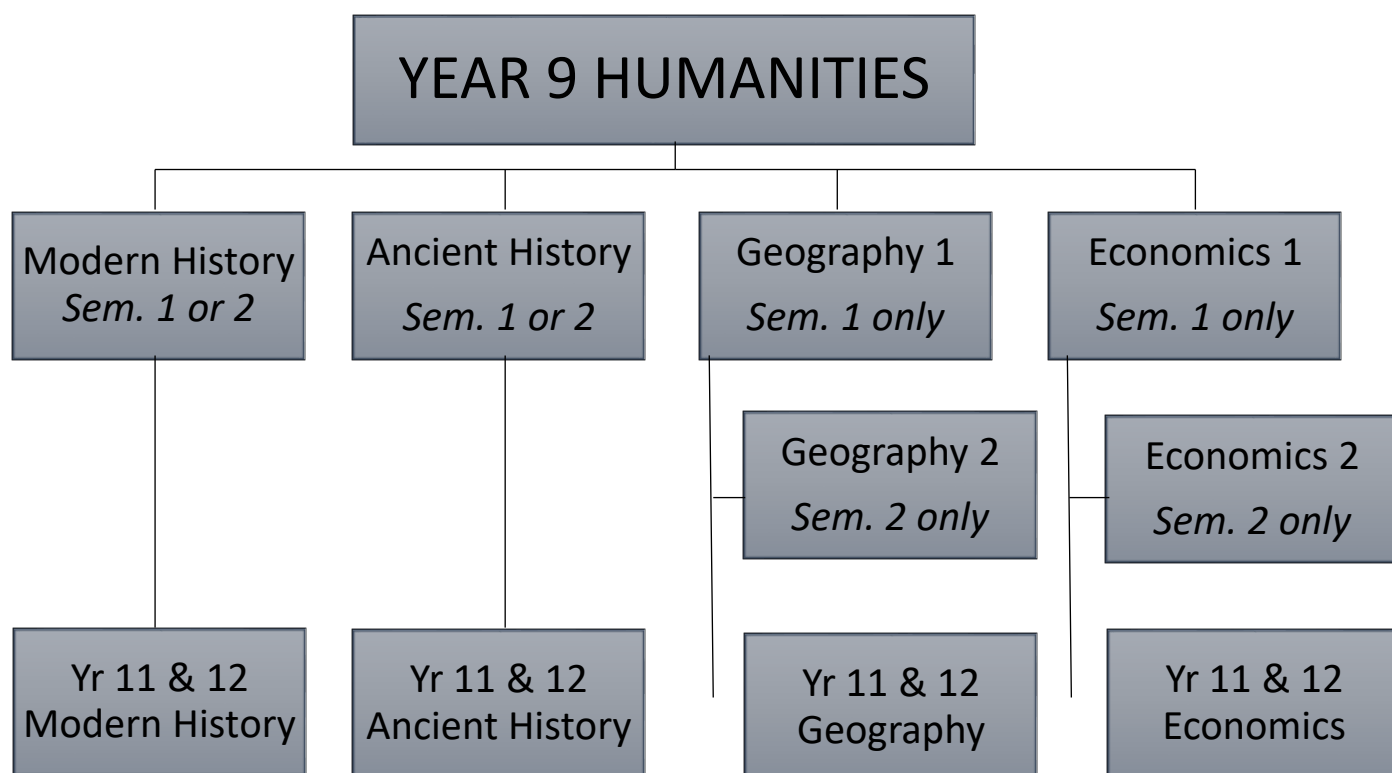
### **Assessment**

- On-going assessment of recreational activities.
- Research assignment
- Coaching

### **Approximate Cost & Materials**

\$10 + booklist items

# HUMANITIES FACULTY PATHWAYS



## GENERAL INFORMATION - HUMANITIES

Humanities subjects involve the investigation of contentious and challenging issues. This promotes critical thinking which lies at the core of the problem-solving skills required in the 21st century. The Humanities prepares young people to be active participants in their world. The Year 10 Humanities electives provide students with the opportunity to develop their ability to critically evaluate sources and write insightful evidence based judgements. These are essential skills for success in a broad range of subjects in the Senior School and in tertiary study.

## **MODERN HISTORY (G) *semester 1 or semester 2***

### **Recommended Prerequisite**

Nil

### **Course Description**

In this course students develop the key skills of source analysis, critical evaluation and evidence based argumentation. Through the study of historical sources, students explore how Hitler won totalitarian control of Germany and precipitated a cataclysmic World War. They also investigate the contentious debate over the Kennedy assassination?

### **Course Units**

- Hitler's Dictatorship: the rise of Nazism to the end of World War II
- Who Shot JFK? The mystery of the assassination of American President John F Kennedy

### **Assessment**

Students will complete a short answer response to historical sources test and one research task.

### **Approximate Cost & Materials**

\$15.00 + booklist items

## **ANCIENT HISTORY (G) *semester 1 or semester 2***

### **Recommended Prerequisite**

Nil

### **Course Description**

This course involves the investigation of contentions historical issues which promote critical thinking skills which are essential in a broad range of subject disciplines and careers: the ability to critically analyse and evaluate evidence, develop insightful arguments, and draw reasoned conclusions. Students develop these skills through the study two very exciting areas of Ancient History: the fierce, warrior culture of Ancient Sparta and one of history's most interesting and often misunderstood women - Cleopatra of Ancient Egypt.

### **Course Units**

- The Warrior Society of Ancient Sparta
- The Real Cleopatra

### **Assessment**

Students will complete a short answer response to historical sources test and one research task.

### **Approximate Cost & Materials**

\$15.00 + booklist items

## **GEOGRAPHY 1 (G) *semester 1 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

In this course students investigate the key challenge posed by climate change for our future. They develop key skills in analysing, manipulating, and interpreting data and maps using GIS technology. Emphasis is placed on evaluating sources and justifying recommendations for sustainable management strategies. The course includes a full day field trip to investigate the potential impact of climate change the Gold Coast.

### **Course Units**

- Environmental Change and Management: an introduction
- Living with Climate Change in Coastal Communities

### **Assessment**

Students will complete a short response test and one field report.

### **Approximate Cost & Materials**

\$15.00 + \$20.00 for excursion + booklist items

## **GEOGRAPHY 2 (G) *semester 2 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

In this course students explore the geographic factors which affect human wellbeing. They develop key skills in analysing, manipulating, and interpreting data and maps using GIS technology. Emphasis is placed on evaluating sources and justifying recommendations for improving human wellbeing in less developed countries.

### **Course Units**

- Geographies of Wellbeing: Development and conflict
- Geographies of Wellbeing: Responding to disease

### **Assessment**

Students will complete a practical skills test and one multimodal assignment.

### **Approximate Cost & Materials**

\$15.00 + booklist items

## **ECONOMICS 1 (G) *semester 1 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

This course introduces students to the key concepts and theories which underpin the new Senior Economics syllabus. Students explore the basic economic problem of balancing limited resources with unlimited wants. How do individuals, households, communities and countries make difficult decisions on how to use limited resources?

### **Course Units**

- Supply and Demand: understanding the basic economic problem and how markets work
- Three Economics Systems: how different countries have responded to the basic economic problem

### **Assessment**

Students will complete a test at the end of term 1 and a research assignment in term 2.

### **Approximate Cost & Materials**

\$15.00 + booklist items

## **ECONOMICS 2 (G) *semester 2 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

This course introduces students to the key concepts and theories which underpin the new Senior Economics syllabus. Students explore the different sizes and types of markets and how business responds to market conditions. They also investigate how government policy affects markets and debate the benefits of the free market versus regulation.

### **Course Units**

- Types of Markets: how goods and services are marketed with a case study of the supermarket wars.
- Market Regulation: how governments use fiscal and monetary policy to manage the economy

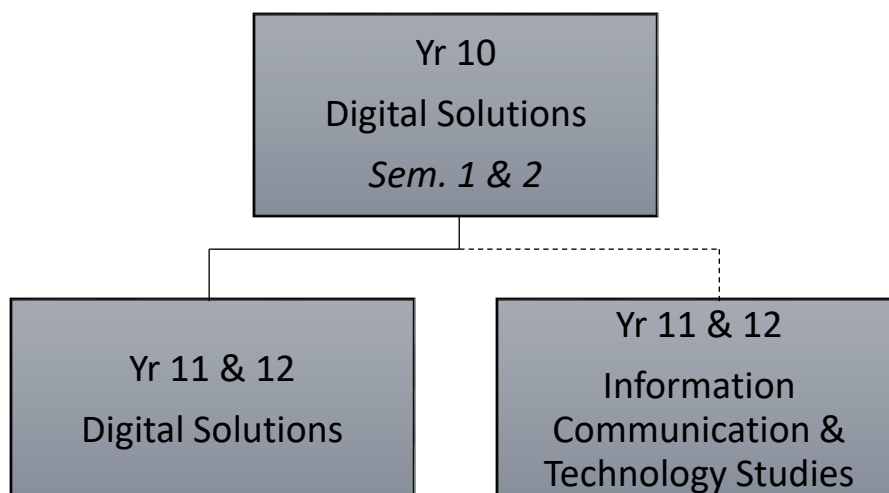
### **Assessment**

Students will complete a test at the end of term 3 and a research assignment in term 4.

### **Approximate Cost & Materials**

\$15.00 + booklist items

# INFORMATION TECHNOLOGY FACULTY PATHWAYS



## GENERAL INFORMATION – INFORMATION TECHNOLOGY

Subjects in the Information Technologies learning area prepare students to be effective problem-solvers as they learn about, and work with, contemporary and emerging technologies. In Digital Solutions, students learn about algorithms, computer languages and user interfaces through generating digital solutions to problems. They understand computing's personal, local and global impact, and the issues associated with the ethical integration of technology into our daily lives.

Students engage in practical problem-based learning that enables them to explore and develop ideas, generate digital solutions, and evaluate impacts and solutions. Students analyse problems, and apply computational, design and systems thinking processes to structure and model digital solutions. They develop confidence in dealing with complexity, as well as tolerance for ambiguity and persistence in working with difficult problems that may have many solutions. Students are able to communicate and work with others in order to achieve a common goal or solution. They understand that solutions enhance their world and benefit society.

Australia needs enterprising and innovative individuals with the ability to make discerning decisions about the development, use and impacts of technologies. When developing technologies, these individuals need to be able to work both independently and collaboratively to solve open-ended problems. Digital Solutions benefits students by preparing them for a range of careers in a variety of digital contexts. It develops thinking skills that are relevant for digital and non-digital real-world challenges. It prepares them to be successful in a wide range of careers and provides them with skills to engage in and improve the society in which we work and play. Digital Solutions develops all of the 21st century skills that are critical to students' success in further education and life.

## DIGITAL SOLUTIONS 1 (G) *semester 1 only*

### Recommended Prerequisite

Nil

### Course Description

Digital Solutions 1 will introduce students to digital technologies and computational thinking processes used to create digital solutions. The subject focuses on understanding digital and robotic systems, developing algorithms and implementing algorithms as coded solutions.

### Course Units

- Robotics
- Algorithms
- Programming

### Assessment

Assessment in this subject is an individual project and a programming folio.

### Approximate Cost & Materials

\$10 + printing costs; headphones

## DIGITAL SOLUTIONS 2 (G) *semester 2 only*

### Recommended Prerequisite

Nil

### Course Description

Digital Solutions 2 will introduce students to the digital tools, project management approaches and design thinking processes used to create user-centric digital solutions. The subject focuses on user experience design processes, designing and developing web applications and responsible use of data.

### Course Units

- UX design
- Data
- Web app development

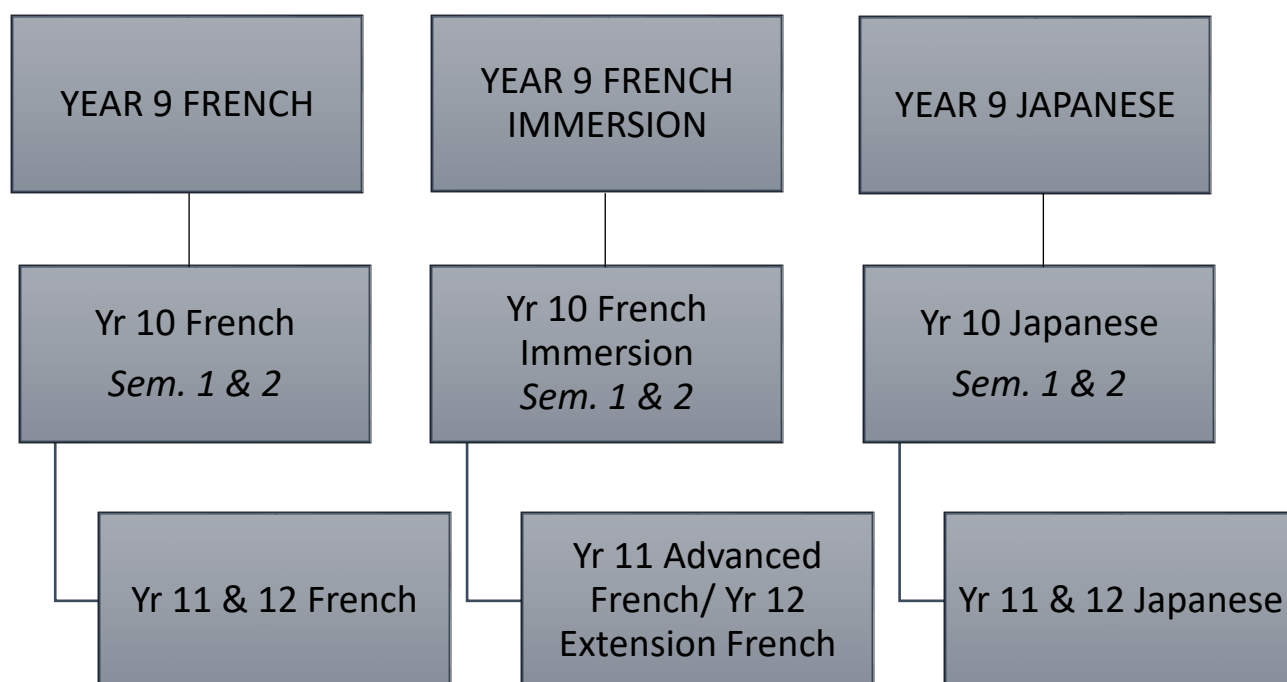
### Assessment

Assessment in this subject is a group presentation and a practical exam.

### Approximate Cost & Materials

\$10 + printing costs; headphones

# LANGUAGES FACULTY PATHWAYS



## GENERAL INFORMATION - LANGUAGES

The need to communicate is the foundation for all language development. People use language to achieve their personal communicative needs — to express, exchange, interpret and negotiate meaning, and to understand the world around them. Students do not simply learn a language — they participate in a range of interactions in which they exchange meaning and become active participants in understanding and constructing written, spoken and visual texts. Additional language acquisition contributes to and enriches intellectual, educational, linguistic, metacognitive, personal, social and cultural development. It requires intellectual discipline and systematic approaches to learning, which are characterised by effective planning and organisation, incorporating processes of self-management and self-monitoring.

French and Japanese are subjects suited to students who are interested in pathways beyond school that lead to tertiary studies, vocational education or work. A course of study in languages can establish a basis for further education and employment in many professions and industries. For example, those which value the knowledge of an additional language and the intercultural understanding it encompasses, such as business, hospitality, law, science, technology, sociology and education.

### FRENCH

French is the living and working language of over 300 million of the world's people. It is the official language of the United Nations and is used widely in international law, business and diplomacy.

The link between the French and English languages is very close so students are able to make meaningful progress very early in their studies. Students who study French have an opportunity to participate in our established exchange programs with France, Switzerland and New Caledonia.

### JAPANESE

Learning Japanese provides not only the ability to communicate with visitors from Japan, but also the possibility to use Japanese in a future career or on a visit to Japan, as business opportunities with Japan abound. Students who study Japanese have an opportunity to participate in our established exchange programs with Japan, and participate in several scholarship opportunities.



## **JAPANESE 1 (G) *semester 1 only***

### **Required Prerequisite (unless enrolment approved by HOD)**

Year 7, 8 and 9 Japanese

### **Course Description**

This semester students will learn about the responsibilities involved in being part of the local community and healthy and unhealthy lifestyles.

### **Course Units**

- Family Occupations / At the Surgery

### **Assessment**

Students are assessed in four skills: Listening, Speaking, Reading and Writing. Students are assessed on a range of communicative tasks at least once per semester for each skill.

### **Approximate Cost & Materials**

\$15 + booklist items

## **JAPANESE 2 (G) *semester 2 only***

### **Required Prerequisite (unless enrolment approved by HOD)**

Year 7, 8 and 9 Japanese

### **Course Description**

Students will examine famous places around the world. In addition, the semester will centre on being able to talk about their leisure interests and providing directions.

### **Course Units**

- Rain or Shine / Homestay

### **Assessment**

Students are assessed in four skills: Listening, Speaking, Reading and Writing. Students are assessed on a range of communicative tasks at least once per semester for each skill.

### **Approximate Cost & Materials**

\$15 + booklist items

## **FRENCH IMMERSION 1 (G) *semester 1 only***

### **Required Prerequisite (unless enrolment approved by HOD)**

Year 7, 8 and 9 French Immersion

### **Course Description**

This semester is centred on introducing students to French Literature through the centuries, learning about French culture and the cultures of francophone countries through song and literature.

### **Course Units**

- La Vie Des Jeunes
- 

### **Assessment**

Students are assessed in four skills: Listening. Speaking, Reading and Writing. Students are assessed on a range of communicative tasks at least once per semester for each skill.

### **Approximate Cost & Materials**

\$69 + booklist items

## **FRENCH IMMERSION 2 (G) *semester 2 only***

### **Required Prerequisite (unless enrolment approved by HOD)**

Year 7, 8 and 9 French Immersion

### **Course Description**

This semester is centred around the literature of the time of Louis XIV, the Sun King. Different text types and mediums are used to present this time period in an interesting and informative manner as an introduction to the French Extension course.

### **Course Units**

- La Litterature

### **Assessment**

Students are assessed in four skills: Listening. Speaking, Reading and Writing. Students are assessed on a range of communicative tasks at least once per semester for each skill.

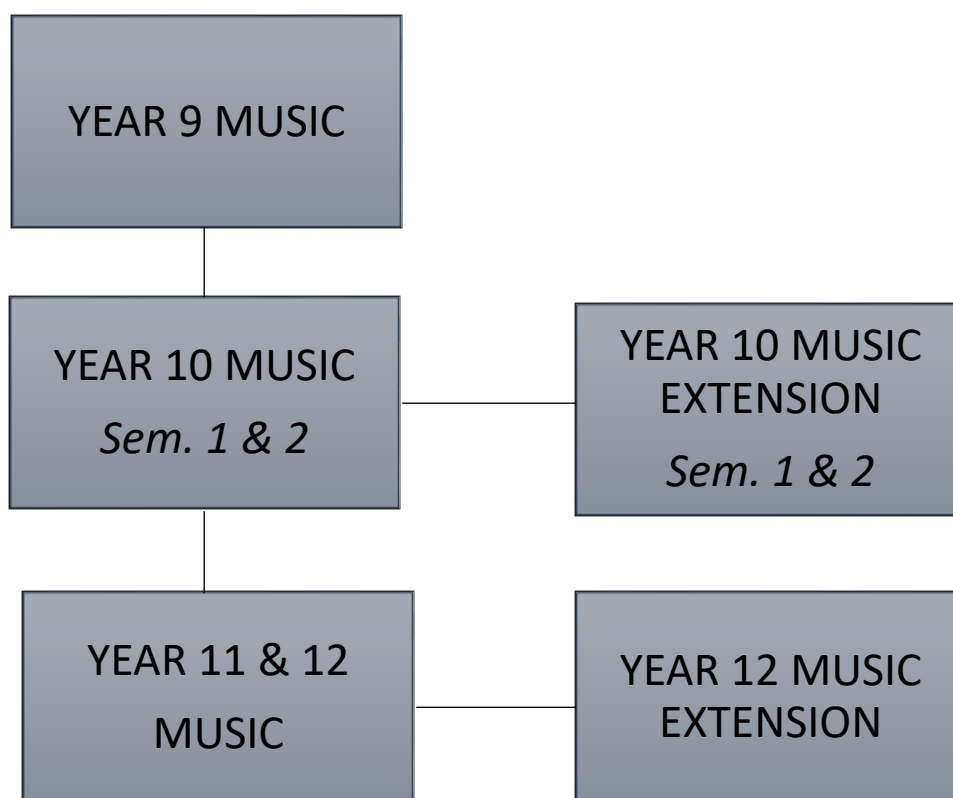
### **Approximate Cost & Materials**

\$69 + booklist items

<b>FRENCH 1 (G) <i>semester 1 only</i></b>
<b>Required Prerequisite (unless enrolment approved by HOD)</b> Year 7, 8 and 9 French
<b>Course Description</b> This semester is centred on rapport between teenagers and antagonism that occurs.
<b>Course Units</b> <ul style="list-style-type: none"> <li>• Living well</li> </ul>
<b>Assessment</b> Students are assessed in four skills: Listening, Speaking, Reading and Writing. Students are assessed on a range of communicative tasks at least once per semester for each skill.
<b>Approximate Cost &amp; Materials</b> \$23 + booklist items

<b>FRENCH 2 (G) <i>semester 2 only</i></b>
<b>Required Prerequisite (unless enrolment approved by HOD)</b> Year 7, 8 and 9 French
<b>Course Description</b> This semester is about exploring present relationships and making future plans.
<b>Course Units</b> <ul style="list-style-type: none"> <li>• Relationships / Future Plans</li> </ul>
<b>Assessment</b> Students are assessed in four skills: Listening, Speaking, Reading and Writing. Students are assessed on a range of communicative tasks at least once per semester for each skill.
<b>Approximate Cost &amp; Materials</b> \$23 + booklist items

## MUSIC FACULTY PATHWAYS



## GENERAL INFORMATION - MUSIC

Music is a rewarding, creative subject which encourages self-reliance, independent learning and cooperation in group activities. Students gain confidence in public performance and enhance their presentation skills, as well as acquire a life-long leisure activity which they can share with others. Students are involved in presenting / performing music as singers and instrumentalists. They create music compositions. They also aurally and visually respond to music through analysis and they reflect on what they have learnt.

### MUSIC 1(G) *semester 1 only*

#### Required Prerequisite (unless enrolment approved by HOD)

Year 9 Music

#### Course Description

This unit builds on the knowledge and skills acquired in year 7, 8, and 9, with a focus on Jazz styles including Blues, Dixieland, Swing, Bebop, Cool Jazz, Bossa Nova and Australian jazz

#### Course Units

- All that Jazz

#### Assessment

Composition  
Performance – solo instrumental or vocal  
Written analysis examination

#### Approximate Cost & Materials

\$25.00 + booklist items

## **MUSIC 2 (G) *semester 2 only***

### **Required Prerequisite (unless enrolment approved by HOD)**

Year 9 Music

### **Course Description**

Beginning with the music of the Medieval period, students will explore the history of art music, focusing on a range of vocal and instrumental styles which emerged in Europe in the last six centuries. They will discover how and why this music of the past has had such a pervasive influence on the music of today.

### **Course Units**

- Music in Time

### **Assessment**

Composition

Performance – solo instrumental or vocal

Written analysis examination

### **Approximate Cost & Materials**

\$25.00 + booklist items

## **MUSIC EXTENSION 1 (G) *semester 1 only***

### **Required Prerequisite (unless enrolment approved by HOD)**

Students must be studying Music 1 and must have practical music ability.

### **Course Description**

This course is designed to allow students the opportunity to specialise in one of the three music dimensions: composition, musicology, or performance.

### **Course Units**

- Students are guided to extend their abilities in their chosen music dimension through mentoring. They work on an individual learning plan to produce set assessment items.

### **Assessment**

Items of assessment may include:

- A composition, performance or musicological presentation (depending upon the student's specialisation)
- A written research assignment

### **Approximate Cost & Materials**

\$25.00 + booklist items

## MUSIC EXTENSION 2 (G) *semester 2 only*

### Required Prerequisite (unless enrolment approved by HOD)

Students must be studying Music 2 and have practical musical ability

### Course Description

This course is designed to allow students the opportunity to specialise in one of the three music dimensions: composition, musicology, or performance.

### Course Units

- Students are guided to extend their abilities in their chosen music dimension through mentoring. They work on an individual learning plan to produce set assessment items.

### Assessment

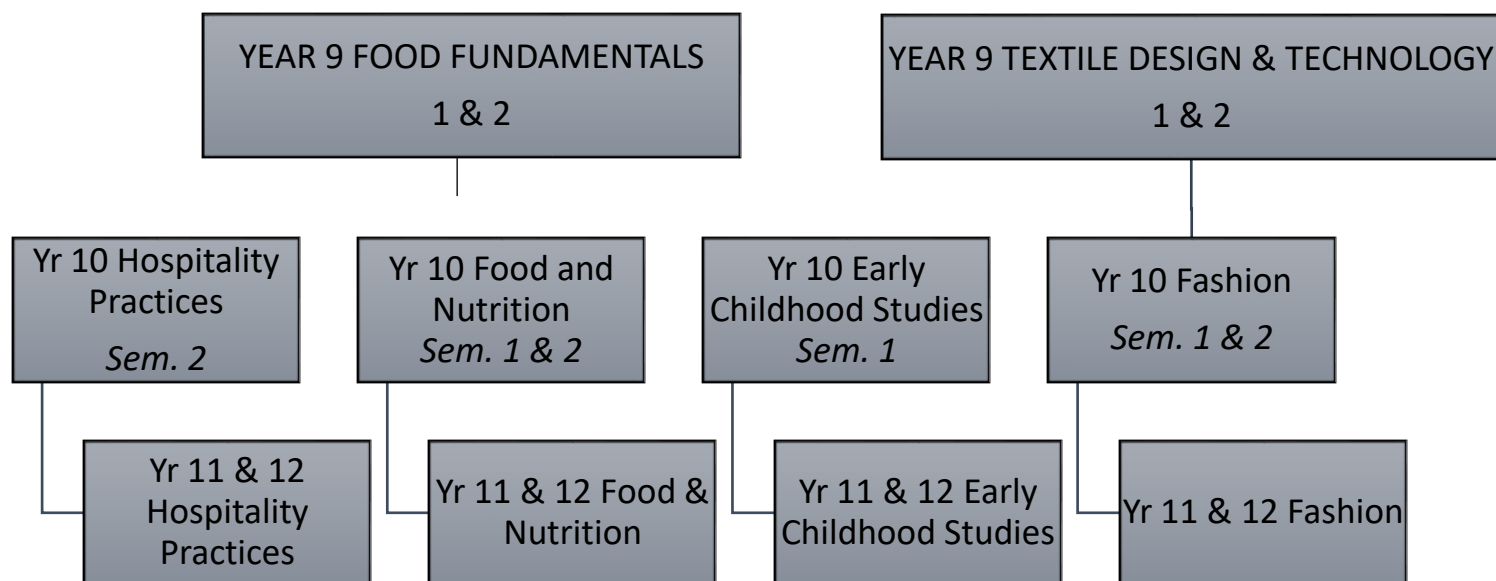
Items of assessment may include:

- A composition, performance or musicological presentation (depending upon the student's specialisation)
- A written research assignment

### Approximate Cost & Materials

\$25.00 + booklist items

# PRACTICAL ARTS FACULTY – HOME ECONOMICS PATHWAYS



## GENERAL INFORMATION – PRACTICAL ARTS

Home Economics develops life skills which promote individual and family health and well-being. It develops practical skills relating to food and nutrition, hospitality, early childhood and/or fashion.

The units offered in Home Economics are all Elective Units. The units have been written as progressive units within four strands:

- **Food and Nutrition Strand:** The content of these units has been developed to deal with progressively more complex investigation of nutrition, hygiene as it relates to food and food preparation and the practical cookery of balanced dietary needs. The introductory unit FDS091 must be chosen as a prerequisite to any of the subsequent units, unless skills and knowledge at an appropriate level can be demonstrated.
- **Fashion Strand:** The units of this strand introduce the elements of design and utilise the associated principles to develop skills in practical sewing as well as a thorough understanding of textile development, manufacture and selection of fabrics. The introductory unit TXT091 must be chosen as the prerequisite unit.
- **Hospitality Strand:** The unit available in this strand serves as an introduction to vocational studies in Years 11 and 12 (Applied Subject). Although not mandatory, it is a useful basis for study in the Catering subject (Hospitality Study Area Specification) in Years 11 and 12.
- **Early Childhood Strand:** The unit available in this strand serves as an introduction to vocational studies in Years 11 and 12 (Applied Subject). Although not mandatory, it is a useful basis for study in the Early Childhood Studies subject (Study Area Specification) in Years 11 and 12.

## FOOD AND NUTRITION 1 (G) *semester 1 only*

### Recommended Prerequisite

FDS091 or FDS092 or be able to demonstrate skills at this level.

### Course Description

This subject will reinforce prior learning of the six nutrients, their functions; and the Australian Guide to Healthy Eating. The unit focuses on the long-term lifestyle practices of teenagers through an analysis of: convenience foods (nutritional value), understanding nutritional labels, marketing, healthy snacks / lunchboxes.

### Course Units

- Eat Well, Live Well
- Practical cookery activities

### Assessment

- Assessment in this subject includes continuous practical assessment, as well as a written and practical exam and an assignment.

### Approximate Cost & Materials

\$13 +booklist items and weekly ingredients for practical cookery

## FOOD AND NUTRITION 2 (G) *semester 2 only*

### Recommended Prerequisite

FDS091, FDS092 or FDS101 or be able to demonstrate skills at this level.

### Course Description

This subject builds on prior learning of the six nutrients, their functions; and the Australian Guide to Healthy Eating. The unit focuses on experimentation on food to determine their nutritional content, an examination of the scientific principles behind the changes which occur to food during cooking eg confectionary cookery (toffee, fudge, caramel, marshmallow).

### Course Units

- Edible Experiments
- Practical cookery activities

### Assessment

- Assessment in this subject is continuous practical assessment, a written and practical exam and an assignment.

### Approximate Cost & Materials

\$13 +booklist items and weekly ingredients for practical cookery



## **FASHION 1 (A) *semester 1 only***

### **Recommended Prerequisite**

TXT091 or TXT092 or be able to demonstrate skills at this level.

### **Course Description**

This subject will reinforce prior learning and skills developed in Textiles and Design 091/092. The unit focuses on the use of the principles of design and application of commercial patterns.

### **Course Units**

- Fashion

### **Assessment**

- Assessment in this subject is practical assessment of articles, a written exam and an assignment.

### **Approximate Cost & Materials**

\$12 including printing costs; A4 Note Book; sewing equipment (scissors, pins, quick-un-pick, tailor's chalk, tape measure)

## **FASHION 2 (G) *semester 2 only***

### **Recommended Prerequisite**

TXT091, TXT092 or TXT101 or be able to demonstrate skills at this level.

### **Course Description**

This subject will showcase the knowledge and practical skills developed in the earlier units. Application of advanced techniques to produce an haute couture article will be the focus.

### **Course Units**

- The Design Process
- Drafting of patterns
- Practical activities

### **Assessment**

- Assessment in this subject is practical assessment of articles, a written exam and an assignment.

### **Approximate Cost & Materials**

\$12 including printing costs; A4 Note Book; sewing equipment (scissors, pins, quick-un-pick, tailor's chalk, tape measure)

## HOSPITALITY PRACTICES (A) *semester 2 only*

### Recommended Prerequisite

Nil

### Course Description

This subject will introduce students to the hygiene and safety standards expected in commercial kitchens and the hospitality industry. The subject will also focus on planning and preparing menus, practising food presentation and service and will include all planning associated with a sale activity.

### Course Units

- Food Presentation
- Food marketing and sales

### Assessment

- Assessment in this subject includes continuous practical assessment, a written exam, group activity, an assignment.

### Approximate Cost & Materials

\$13 including printing costs; A4 Note Book; weekly ingredients for practical cookery + travel costs associated with an excursion.

## EARLY CHILDHOOD (A) *semester 1 only*

### Recommended Prerequisite

Nil

### Course Description

This subject will introduce students to early childhood development from conception to Pre-school. The subject focuses on the human reproductive systems, exploring the development of fine and gross motor development through play and basic .

### Course Units

- Human Reproduction systems
- Nutritional Development
- Learning through play

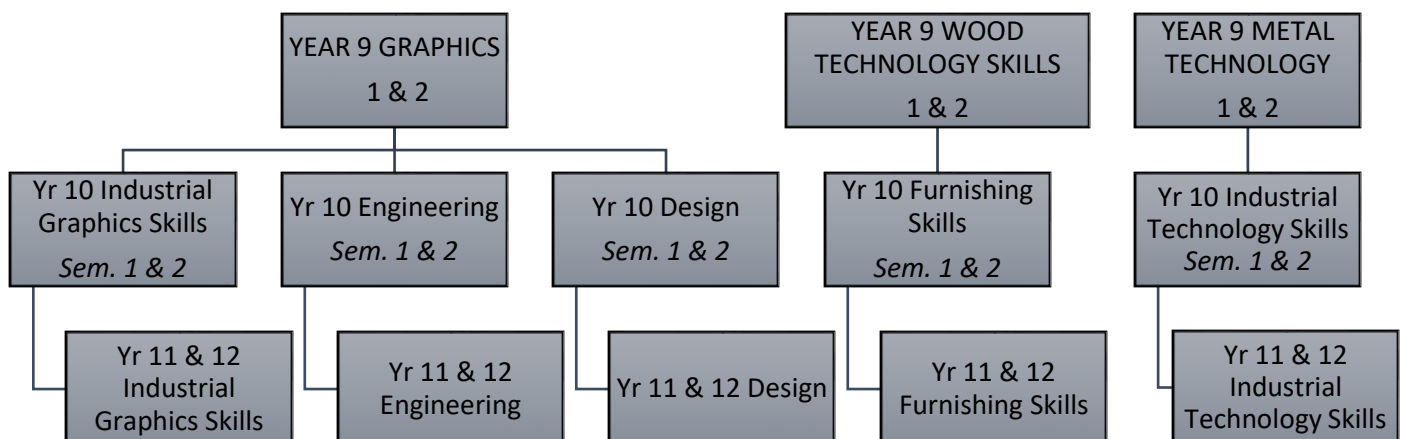
### Assessment

- Assessment in this subject includes a written exam, individual and group activities/ presentations, an assignment.

### Approximate Cost & Materials

\$13 +booklist items

# PRACTICAL ARTS FACULTY– INDUSTRIAL TECHNOLOGY & DESIGN EDUCATION PATHWAYS



## GENERAL INFORMATION – PRACTICAL ARTS

The content taught and the learning experiences encountered within any / all of the Industrial Technology and Design Education units, are designed to provide students with an understanding of materials, systems and technological practice through active investigation and participation.

Industrial Technology and Design Education comprises a number of main areas of study which provide a wide cross-section of learning experiences. These areas are: Engineering, Design, Industrial Graphics, Furnishing and Industrial Technology.

- **Design:** The method explored in these units will prepare students for study of the Design subject in Years 11 and 12. Students will explore user-centred design problems and will evaluate existing possibilities as well as unique solutions, with the possibility of providing a resolution through drawn or prototyped responses.
- **Engineering :** The content of units in this strand will allow students to develop an understanding of the graphical, scientific and practical application of material science, analysis and investigation.
- **Industrial Graphics Skills:** Students will develop skills in spatial conceptualisation and the representation of information in a graphical format. The content studied will utilise skills and knowledge commenced in the introductory units GPH091 and GPH092, the remaining units in this strand have been developed as stand-alone contextual units. Units from this strand form an introduction of contexts that will assist students wishing to study Industrial Technology Skills in Years 11 and 12.
- **Furnishing:** The content of the units of this strand will allow students to develop hand and machine skills and an awareness of associated theory in the production of timber artefacts. All units will introduce and examine design principles, as part of the process of manufacture and will use Design in the entire process of folio and artefact manufacture.
- **Industrial Technology Skills:** The structure of units in this strand is similar to those in the Furnishing unit, although with a multi material approach (metal/wood/plastic). Subsequent units may be designed around coursework in: mechanics and associated applications; and discrete units with a product or design process.

## DESIGN 1 (G) *semester 1 only*

### Recommended Prerequisite

Nil

### Course Description

This subject focuses on the practical application of design thinking, drawing skills and prototyping skills required to develop creative ideas in response to human needs, wants and opportunities. Students will respond to design briefs that describe open-ended but well-defined simple design problems. Consideration will also be made of economic, social and cultural issues which may affect design outcomes.

### Course Units

- Design in Practice
- Design Influences

### Assessment

Design Folio/s  
Theory Folio

### Approximate Cost & Materials

\$23 including printing costs; HB Pencil, 4 ring binder, 1 pair Safety Glasses

## DESIGN 2 (G) *semester 2 only*

### Recommended Prerequisite

Nil

### Course Description

This subject extends on the practical application of design thinking, drawing skills and prototyping skills developed in the preceding unit. Students will be required to develop a response to the human needs of an identified individual above all other considerations. The interaction and documentation of developed criteria must be a major priority in developing and meeting these identified criteria.

### Course Units

- Human-centred design
- Sustainable Design

### Assessment

Design Folio/s  
Theory Folio

### Approximate Cost & Materials

\$23 including printing costs; HB Pencil, 4 ring binder, 1 pair Safety Glasses

## ENGINEERING 1 (G) *semester 1 only*

### Recommended Prerequisite

Satisfactory performance in Mathematics and Science would be of benefit.

### Course Description

This subject will introduce students to many elements of the study of Engineering, including engineering graphics and the study of statics and dynamics. The subject focuses on the theoretical understanding of forces (represented graphically) but will also include the realisation of designs in the form of prototype making eg spaghetti bridge.

### Course Units

- Statics and Dynamics
- Engineering Graphics

### Assessment

Assessment in this subject includes written exams, completion of student workbooks, individual and group activities/ presentations, and written assignment/s.

### Approximate Cost & Materials

\$23 including printing costs; HB Pencil, 4 ring binder, 1 pair Safety Glasses

## ENGINEERING 2 (G) *semester 2 only*

### Recommended Prerequisite

Satisfactory performance in Mathematics and Science would be of benefit.

### Course Description

This subject will introduce students to many elements of the study of Engineering, including material science, kinematics and control systems. The subject focuses on an understanding of the principles of each of the areas of study through real-life application and examination.

### Course Units

- Material Science
- Kinematics
- Control Systems

### Assessment

Assessment in this subject includes written exams, completion of student workbooks, individual and group activities/ presentations, and written assignment/s.

### Approximate Cost & Materials

\$23 including printing costs; HB Pencil, 4 ring binder, 1 pair Safety Glasses

## FURNISHING SKILLS 1 (A) *semester 1 only*

### Recommended Prerequisite

Nil

### Course Description

This subject will introduce students to many elements of the study of Furnishing, including traditional furniture-making and glazing. The subject will be delivered with practical demonstrations and supervised practical experience as well as the delivery of associated theory. Elements of the design process will also be addressed throughout.

### Course Units

- Traditional furniture making
- Glazing and Framing methods
- User-centred design

### Assessment

Project/s – Artefact and associated Multi-modal presentation

Practical Demonstration

Theory Exam

### Approximate Cost & Materials

\$50 including printing costs; HB Pencil, 1 pair Safety Glasses and Hearing Protection

## FURNISHING SKILLS 2 (A) *semester 2 only*

### Recommended Prerequisite

Nil

### Course Description

This subject will continue the development of many elements of the study of Furnishing, including contemporary furniture-making and soft furnishing. The subject will be delivered with practical demonstrations and supervised practical experience as well as the delivery of associated theory. Elements of the design process will also be addressed throughout.

### Course Units

- Contemporary furniture making
- Soft furnishing /Simple Upholstery
- User-centred design

### Assessment

Project/s – Artefact and associated Multi-modal presentation

Practical Demonstration

Theory Exam

### Approximate Cost & Materials

\$50 including printing costs; HB Pencil, 1 pair Safety Glasses and Hearing Protection

## INDUSTRIAL GRAPHICS SKILLS 1 (A)

### *semester 1 only*

#### Recommended Prerequisite

Nil

#### Course Description

This subject will introduce students to the industry practices and drafting processes associated with the creation of technical drawings (specifications) which are required in many manufacturing contexts. The subject will be delivered to promote the development of manual and digital drafting skills, through the use of CAD packages.

#### Course Units

- Furnishing Drafting
- Engineering Drafting

#### Assessment

Project/s – Set of technical drawings and associated Multi-modal presentation

Practical Demonstration

Formal Exam

#### Approximate Cost & Materials

\$11 subject charge; 1 USB, 1 2H and 1 4H pencil; Soft white eraser

## INDUSTRIAL GRAPHICS SKILLS 2 (A)

### *semester 2 only*

#### Recommended Prerequisite

Nil

#### Course Description

This subject will continue the development of industry practices and drafting processes associated with the creation of technical drawings (specifications) which are required in many manufacturing contexts. The subject will be delivered to promote the development of manual and digital drafting skills, through the use of CAD packages appropriate to the context.

#### Course Units

- Engineering Drafting
- Building and Construction Drafting
- 

#### Assessment

Project/s – Set of technical drawings and associated Multi-modal presentation

Practical Demonstration

Formal Exam

#### Approximate Cost & Materials

\$11 subject charge; 1 USB, 1 2H and 1 4H pencil; Soft white eraser\

## INDUSTRIAL TECHNOLOGY SKILLS 1 (A)

### *semester 1 only*

#### Recommended Prerequisite

Nil

#### Course Description

The Industrial Technology Skills subject focuses on the underpinning industry practices and production processes required to manufacture products in a variety of industries. It provides a unique opportunity for students to experience the challenge and personal satisfaction of undertaking practical work while developing beneficial vocational and life skills.

#### Course Units

- Engineering - Sheetmetal and Fitting / Metal machining
- Building and Construction – Various Trades

#### Assessment

Project/s – Artefact and associated Multi-modal presentation  
Practical Demonstration  
Theory Exam

#### Approximate Cost & Materials

\$25 including printing costs; HB Pencil, 1 pair Safety Glasses and Hearing Protection

## INDUSTRIAL TECHNOLOGY SKILLS 2 (A)

### *semester 1 only*

#### Recommended Prerequisite

Nil

#### Course Description

This subject will continue the development of industry practices and production processes required to manufacture products in a variety of industries. The subject continues to provide an opportunity for students to undertake practical work while developing beneficial vocational and life skills.

#### Course Units

- Engineering - Sheetmetal and Fitting / Metal machining
- Building and Construction – Various Trades

#### Assessment

Project/s – Artefact and associated Multi-modal presentation  
Practical Demonstration  
Theory Exam

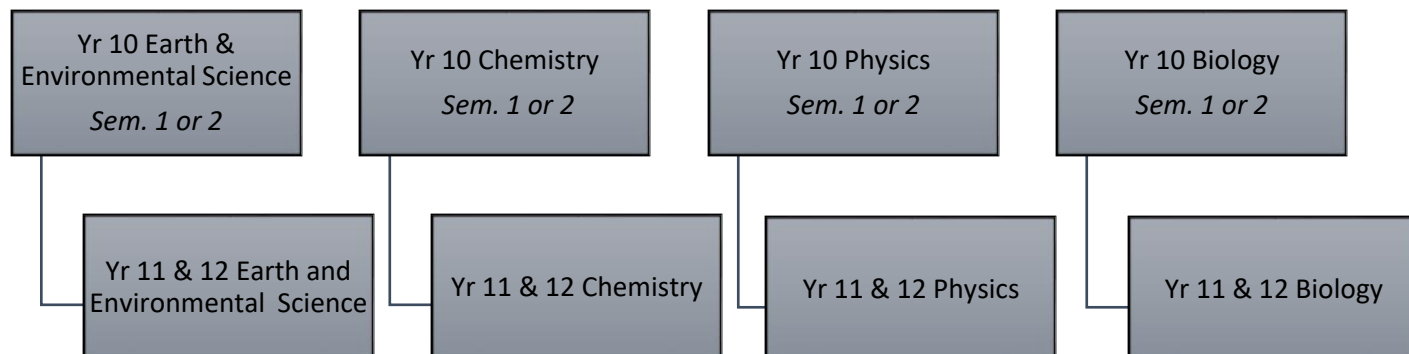
#### Approximate Cost & Materials

\$25 including printing costs; HB Pencil, 1 pair Safety Glasses and Hearing Protection



# SCIENCE FACULTY

## YEAR 9 SCIENCE



## GENERAL INFORMATION - SCIENCE

Science is the concerted human effort to understand, or to understand better, the history of the natural world and how the natural world works, with observable physical evidence as the basis of that understanding. It is done through observation of natural phenomena and/or through experimentation that tries to simulate natural processes under controlled conditions. Mansfield offers all four senior sciences for students in year 10 (Biology, Chemistry, Earth and Environmental Science and Physics).

### EARTH AND ENVIRONMENTAL SCIENCE (G) *semester 1 or 2*

#### Recommended Prerequisite

Nil

#### Course Description

In this course students will explore the geosphere, atmosphere, hydrosphere and biosphere and investigate phenomena associated with Earth systems and processes. Students will explore ways to predict future changes and provide advice about ways to mitigate the effect of human-induced change; explore ways in which science knowledge interacts with social, economic, cultural and ethical factors; and describe and explain complex models of the Earth's interior.

#### Course Units

- Earth Systems and models
- Development of the Geosphere
- Development of the atmosphere and hydrosphere
- Development of the Biosphere

#### Assessment

- Data test
- Research investigation

#### Approximate Cost & Materials

\$20 + booklist items

## CHEMISTRY (G) *semester 1 or 2*

### Recommended Prerequisite

Nil

### Course Description

In this course, students relate matter and energy in chemical reactions as they consider the breaking and reforming of bonds as new substances are produced. They are introduced to the mole concept as a means of quantifying matter in chemical reactions. Students conduct investigations to develop their understanding of patterns in the properties and composition of materials. They explore the structure of materials by describing physical and chemical properties at the macroscopic scale, and use models of structure and primary bonding at the atomic and subatomic scale to explain these properties.

### Course Units

- Properties and structure of atoms
- Properties and structure of materials
- Chemical reactions

### Assessment

- Data test
- Student Experiment

### Approximate Cost & Materials

\$27 + booklist items

## PHYSICS (G) *semester 1 or 2*

### Recommended Prerequisite

Nil

### Course Description

In this course students explore the ways Physics is used to describe, explain and predict the energy transfers and transformations that are pivotal to modern industrial societies. An understanding of heating processes, nuclear reactions and electricity is essential to appreciate how global energy needs are met. They examine the movement of electrical charge in circuits and use this to analyse and design electrical circuits.

Participation in a range of experiments and investigations will allow students to progressively develop their suite of science inquiry skills while gaining an enhanced appreciation of heating processes, ionising radiation, nuclear reactions and electric circuits.

### Course Units

- Heating processes
- Ionising radiation and nuclear reactions
- Electrical circuits

### Assessment

- Research Investigation
- Student Experiment

### Approximate Cost & Materials

\$27 + booklist items

## **BIOLOGY (G) *semester 1 or 2***

### **Recommended Prerequisite**

Nil

### **Course Description**

In this course, students explore the ways Biology is used to describe and explain how the structure and function of cells and their components are related to the need to exchange matter and energy with their immediate environment. An understanding of the structure of cells and their functioning is essential to appreciate the processes vital for survival. Participation in a range of experiments and investigations will allow students to progressively develop their suite of science inquiry skills while gaining an enhanced appreciation of the relationship between structure and function of cells and multicellular organisms.

### **Course Units**

- Cells as the basis of life
- Multicellular organisms and systems

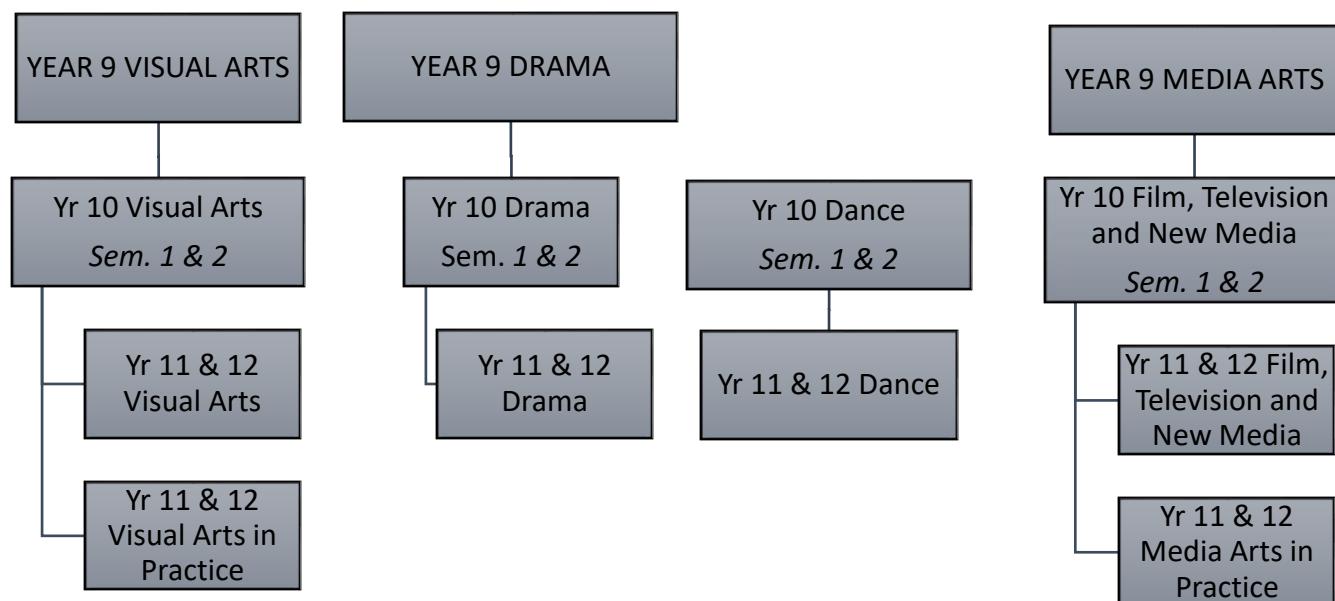
### **Assessment**

- Research investigation
- Data test

### **Approximate Cost & Materials**

\$25 + booklist items

# THE ARTS FACULTY PATHWAYS



## GENERAL INFORMATION – THE ARTS

The Arts areas are widely recognised as powerful tools that contribute to the overall development of a student's personal, social and cultural identity. They are a means of expression and as such, give students the opportunity to learn about themselves and the world through the Arts. Students develop the knowledge, skills, processes and attitudes necessary to communicate their ideas, feelings and experiences.

The Arts Department offers four subjects in Year 10 – Visual Arts, Drama, Dance, and Film, Television and New Media. All Arts subjects lead directly to a 'General' subject in Year 11/12; there are also 'Applied' subject options with Visual Arts in Practice and Media Arts in Practice. All Arts subjects are organised through learning experiences and assessment in making and responding.

### VISUAL ARTS

Visual Art conveys meaning and knowledge about the world – history, culture, experience, and expression. Art Education develops critical thinking and creative problem solving in an increasingly globalised society, where an understanding of visual literacy enables students to be able to make sense of their environment. In Visual Arts students transform their visual perception and ideas into expression in a material form, via making experiences with a variety of media in two and three dimensions and digital experiences. Visual Arts supports students to view the world through various lenses and contexts. Students recognise the significance of visual arts histories, theories and practices, exploring and responding to artists, craftspeople and designers and their artworks.

### DRAMA

The study of Drama gives students both the opportunity to explore the Drama art form for its own sake and to acquire vital communication and performance skills. It involves observing and empathising with people, characters and works from a variety of cultures. In their study of Drama, students may encounter content that challenges them or that is outside of the scope of their experience.

## DANCE

Dance is one of the few art forms that allows total expression of self, as well as being a form of exercise that offers a holistic approach to health including elements of physical, mental, spiritual emotional and social health. By becoming involved in Dance, students can expect to develop an increased understanding of the complex factors associated with dance and its place in Australia's culture. Students will use their bodies to express personal and ubiquitous concepts, exploring the diverse genres, styles and contexts of dance by the skill acquisition processes of choreography, performance and appreciation.

## FILM, TELEVISION AND NEW MEDIA

All public information in the 21<sup>st</sup> century is mediated through channels of mass communication and non-linear media. They are an integral part of modern life and students come to school with a wide range of experiences with these texts. Opinion, argument, entertainment and 'social information' are all carried by the media, and through this course, students will develop critical thinking skills that are essential to negotiating the complex media landscape. Creative and digital-literacy skills enable students to think, question, create and communicate by designing, producing and critiquing film, TV and new media products.

### **VISUAL ART 1(G) *semester 1 only***

#### **Recommended Prerequisite**

Nil

#### **Course Description**

Term 1 focuses on building techniques and processes in an experimental 2D painting folio culminating in the creation of a resolved painting that is inspired by the urban environment. In term 2, students learn skills, and techniques of ceramics producing minor works that lead to the creation of a major ceramic sculpture that explores the topic of Identity. Gallery visits to current exhibitions may occur as part of the course.

#### **Course Units**

- Built World - Painting
- Identity - Ceramics

#### **Assessment**

Items of assessment may include:

- Making: minor and major painting works
- Making: minor and major ceramic works
- Responding: a written research assignment or critique
- Making/Responding: process work in a visual diary associated with research, ideas,
- developmental work and reflections

#### **Approximate Cost & Materials**

\$20 + visual diary, booklist items

## **VISUAL ART 2 (G) *semester 2 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

Term 3 focuses on building techniques and processes in an experimental 2D drawing folio culminating in the creation of a resolved major drawing that is inspired by surrealist concepts. In term 4 students explore site-specific artworks/installations both individually and collaboratively. The investigation of contemporary art, local public art and environmental art provides a framework for design and problem solving in the creation of a site-specific sculpture. Gallery visits to current exhibitions may occur as part of the course.

### **Course Units**

- Altered Reality - Drawing
- Construction - Site-Specific Sculpture

### **Assessment**

- Items of assessment may include:
- Making: minor and major drawing
- Making: minor and major site specific sculpture
- Responding: a written research assignment or critique
- Making/Responding: process work in a visual diary associated with research, ideas, developmental work and reflections

### **Approximate Cost & Materials**

\$ 20 + visual diary, booklist items

## **DRAMA 1 (G) *semester 1 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

This semester students will study melodrama, slapstick and visual comedy. It will extend into improvisation and characterisation skills. Students will study the conventions of melodrama and visual comedy and be able to recognise these conventions in the work of others. Students will develop characters through scripted text and will perform in small groups. Excursions to see live theatre and class workshops are part of the course.

### **Course Units**

- Melodrama
- Visual Comedy

### **Assessment**

- Making: Written Melodrama script
- Making: Scripted performance
- Responding: Analytical essay on comedy conventions

### **Approximate Cost & Materials**

\$ 10 + booklist items

## **DRAMA 2 (G) *semester 2 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

Students will study drama that is shaped with Aboriginal and Torres Strait Island perspectives in mind. They will look at key moments in history and gain an understanding of essential beliefs that underpin such perspectives. The course involves improvisation based on a character from a play, an essay and a scripted performance in small groups. Excursions to see live theatre and class workshops are part of the course.

### **Course Units**

- Missing voices

### **Assessment**

- Making: Improvisation in groups
- Making: Scripted performance in groups
- Responding: Analytical essay on a viewed performance.

### **Approximate Cost & Materials**

\$ 10 + booklist items

## **DANCE 1 (G) *semester 1 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

This semester, students will explore the functions (social, artistic and ritual) of dance. Students will learn a variety of dance styles and develop an understanding of dances from a range of cultures. Students learn and identify safe dance practices through body awareness (anatomy) and the importance of a routine (warm-up, cool-down). Students are introduced to the style of contemporary dance. They participate in contemporary technique lessons and learn basic movement vocabulary and focus on developing a deeper understanding of correct alignment and the importance of core strength. Students will gain an understanding of choreography through choreographic workshops and through evaluation of dance sequences/works. Students will also learn to manipulate movement sequences to begin to develop choreographic skills. Students will analysis works in a variety of styles.

### **Course Units**

- Fundamentals
- A Modern Introduction

### **Assessment**

- Making: Performance of teacher devised routine
- Making: Choreography in response to stimulus
- Responding: Analysis of dance work

### **Approximate Cost & Materials**

\$ 20 + booklist items

## **DANCE 2 (G) *semester 2 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

This semester students will explore the historical social and cultural significance of the use of dance in movies and on stage. Students will also explore and examine the original and unique dance style of Michael Jackson and his contribution to commercial dance as we know it today.

### **Course Units**

- Stage and Screen
- The King of Pop

### **Assessment**

- Making: Choreographic task in small groups
- Making: Performance of teacher devised choreography
- Responding: Multimodal presentation that explores and analyses a section of musical theatre
- Responding: Analysis of video clip

### **Approximate Cost & Materials**

\$ 20 + booklist items

## **FILM, TELEVISION AND NEW MEDIA 1 (G) *semester 1 only***

### **Recommended Prerequisite**

Nil

### **Course Description**

Students will develop a strong understanding of how codes and conventions work within the horror genre across a range of media forms. They will look at how representations and languages are used to create meaning for audiences through the products various institutions create. Students will explore different technologies as they work with visual and audio software.

### **Course Units**

- Just one scream, so much terror: The horror genre

### **Assessment**

- Making: Design - Radio Play Script based on horror theme (Individual) - (TBC)
- Making: Production - Radio Play based on horror theme (Recording in groups, individual edit)
- Responding: Vlog formatted critique on the use of sound in horror movies and videogames (Individual)

### **Approximate Cost & Materials**

\$20 + booklist items (inc portable hard drive)

A high quality pair of ear/headphones is extremely important for this unit.



## FILM, TELEVISION AND NEW MEDIA 2 (G)

### *semester 2 only*

#### Recommended Prerequisite

Nil

#### Course Description

Student will analyse film and television shows that are remakes or adaptations of existing works, in comparison with original texts. The influence of audience and institutions in updating existing works for the contemporary audience will be studied, along with the investigation of failed remakes and reboots. Students will analyse the technical, symbolic and narrative codes and conventions of film languages that have been used in the different representations of main characters in these texts. Students explore these representations in relation to the cultural context of the films focussing on whether the representations challenge or reinforce dominant beliefs held in society.

#### Course Units

- We've seen it all before: Reboots, remakes and reimaginings

#### Assessment

- Making: Design Suite – Outline of rebooted television show from the 1960's-1990's, character design of chosen rebooted character, 6 storyboards for use in trailer of rebooted film (Individual)
- Making: Production - Trailer of rebooted film (Recording in groups, individual edit)
- Responding: Exam Essay

#### Approximate Cost & Materials

- \$ 20 + booklist items (inc portable hard drive)

## GENERAL INFORMATION - STUDY SUPPORT

This unit consists of an integrated support programme in the core areas of literacy, numeracy and technology. Student entry to study this unit of work is by invitation and negotiation for those students who have previously been supported.

Students are given the opportunity to work on assignments and homework from other subject areas. This gives them the time needed to ensure that they are able to keep up with the demands of all of their subjects.

Students must speak to the HOD (Differentiated Learning) before selecting this subject.

There is no formal assessment in this subject.

# RECOMMENDED PREREQUISITES FOR SENIOR GENERAL SUBJECTS

In order to study Senior General subjects, students must at least meet the Recommended Prerequisites below. Other recommendations are also to be noted. The Principal reserves the right to take into consideration other factors that may impact upon the student's ability to otherwise have met these Recommended Prerequisites. These will be considered by individual application to the Principal.

SENIOR SUBJECT	RECOMMENDED PREREQUISITE (COMPULSORY)	RECOMMENDED, BUT NOT COMPULSORY
<b>Accounting</b>	At least a C in Year 10 <i>English</i> .	Achieve at least a C in Year 10 <i>Accounting</i> .
<b>Ancient History</b>	At least a C in Year 10 <i>English</i> .	At least a C in a Year 10 <i>History</i> elective.
<b>Biology</b>	At least a C in Year 10 <i>English</i> , Year 10 <i>Maths</i> and Year 10 <i>Biology</i> .	
<b>Business</b>	At least a C in Year 10 <i>English</i> .	Achieve at least a C in Year 10 <i>Business</i> or <i>Accounting</i> .
<b>Chemistry</b>	At least a C in Year 10 <i>English</i> , a B in Year 10 <i>Maths Methods</i> and a C in Year 10 <i>Chemistry</i> .	Be studying Senior <i>Maths Methods</i> .
<b>Dance</b>	At least a C in Year 10 <i>English</i> . Some <i>Dance</i> experience is advantageous. An interview might be requested.	
<b>Drama</b>	At least a C in Year 10 <i>English</i> .	At least a C in Year 10 <i>Film, Television and New Media</i> .
<b>Digital Solutions</b>	At least a C in Year 10 <i>English</i> and Year 10 <i>Maths</i> .	At least a B in Year 10 <i>Digital Solution</i> .
<b>Earth &amp; Environmental Science</b>	At least a C in Year 10 <i>English</i> and a C in Year 10 <i>Earth and Environmental Science</i> .	
<b>Economics</b>	At least a C in Year 10 <i>English</i> and Year 10 <i>Maths</i> .	
<b>Engineering</b>	At least a C in Year 10 <i>Mathematics</i>	At least a C in Year 10 <i>Science</i> .
<b>English</b>	At least a C in Year 10 <i>English</i> or Year 10 <i>Literature</i> .	
<b>Film, Television and New Media</b>	At least a C in Year 10 <i>English</i> .	At least a B in one semester of <i>Film, Television and New Media</i> .
<b>French</b>	At least a C in Year 10 <i>French</i> or <i>Immersion French</i> .	
<b>French Extension</b>	At least a C in Year 10 <i>Immersion French</i> and studying Year 11 & 12 <i>French</i> .	
<b>General Mathematics</b>		At least a C in Year 10 <i>General Maths</i> or <i>Maths Methods</i> .
<b>Geography</b>	At least a C in Year 10 <i>English</i> .	At least a C in one Year 10 <i>Geography</i> elective.
<b>Health Education</b>	At least a C in Year 10 <i>English</i> .	
<b>Food and Nutrition</b>	At least a C in Year 10 <i>English</i> .	At least a C in Year 10 <i>Hospitality</i> .
<b>Japanese</b>	At least a C in Year 10 <i>Japanese</i> .	
<b>Legal Studies</b>	At least a C in Year 10 <i>English</i> .	
<b>Literature</b>	At least a C in Year 10 <i>English</i> or Year 10 <i>Literature</i> .	At least a B in Year 10 <i>Literature</i> .
<b>Mathematical Methods</b>	At least a C+ in Year 10 <i>Adv Maths</i> with a C in the criterion <i>Thinking &amp; Reasoning</i> .	At least a B in Year 10 <i>Maths Methods</i>
<b>Modern History</b>	At least a C in Year 10 <i>English</i> .	At least a C in one Year 10 <i>History</i> elective.
<b>Music</b>	At least a C in Year 10 <i>English</i> .	At least a C in Year 9 and 10 <i>Music</i> .
<b>Music Extension (a Year 12 subject)</b>	Completed Year 11 <i>Music</i> (Sem 1&2). Be enrolled in Year 12 <i>Music</i> . Students may be asked to undertake an audition.	
<b>Physical Education</b>	At least a C in Year 10 <i>English</i> .	Achieve at least a C in Year 10 <i>Intro to Senior Physical Education</i> .
<b>Physics</b>	At least a C in Year 10 <i>English</i> , a C in Year 10 <i>Maths Methods</i> and Year 10 <i>Physics</i> . Be studying Senior <i>Maths B</i> .	
<b>Specialist Mathematics</b>	At least a C+ in Year 10 <i>Adv Maths</i> with a C in the criterion <i>Thinking &amp; Reasoning</i> . Must study <i>Senior Maths B</i> .	At least a B in Year 10 <i>Maths Methods</i>
<b>Visual Art</b>	At least a C in Year 10 <i>English</i> .	At least a C in Year 10 <i>Art</i> .

[illegible]





At

# Mansfield State High School

**WE TAKE PRIDE IN:**

- ☐ high academic standards
- ☐ high standards of behaviour
- ☐ high standards of presentation
- ☐ achievement through maximum effort
- ☐ cultural, service and sporting achievements
- ☐ embracing individual differences
- ☐ valuing the contribution of all individuals
- ☐ promoting individual self-esteem
- ☐ promoting and utilising technology appropriately
- ☐ promoting quality leadership and teamwork
- ☐ a rewarding partnership between school and community.

**WE ARE COMMITTED TO:**

- ☐ promoting the best interests of students
- ☐ personal achievement and success
- ☐ accepting personal accountability.