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<td>2 units for each of Preliminary and HSC Board Developed Course</td>
<td>Exclusions: English (Advanced); English (ESL) English (Extension)</td>
</tr>
</tbody>
</table>

**Course Description**

In the Preliminary English (Standard) course, students learn about language and literature by exploring and experimenting with the ways events, experiences, ideas and processes are represented in and through texts. Students study a range of texts which include prose fiction, drama, poetry, nonfiction, film, media and/or multimedia, as well as Australian texts.

In the HSC English (Standard) course, students further strengthen their knowledge and understanding of language and literature by reflecting on and demonstrating the effectiveness of texts for different audiences and purposes. Students study at least four types of prescribed texts drawn from prose fiction, drama, poetry, nonfiction, film, media and/or multimedia, and a wide range of additional related texts and textual forms.

**Main Topics Covered**

**Preliminary Course** – The course has two sections:
- Content common to the Standard and Advanced courses is undertaken through a unit of work called an Area of Study. Students explore texts and develop skills in synthesis. The common content comprises 40% of the course content. Students undertake at least one Area of Study.
- Electives in which students explore and examine texts and analyse aspects of meaning. The electives comprise 60% of the course content.

**HSC Course** – The course has two sections:
- The HSC Common Content which consists of one Area of Study common to the HSC Standard and the HSC Advanced courses where students analyse and explore texts and apply skills in synthesis.
- Modules that provide elective choices, which emphasise particular aspects of shaping meaning and demonstration of the effectiveness of texts for different audiences and purposes. Students are required to choose one elective from each of three Modules A, B and C.

**Particular Course Requirements**

In the Preliminary English (Standard) Course students are required to:
- Study Australian and other texts
- Explore a range of types of text drawn from: prose fiction; drama; poetry; nonfiction; film, media, multimedia texts
- Undertake wide reading programs involving texts and textual forms composed in and for a variety of contexts
- Integrate the modes of reading, writing, listening, speaking, and viewing and representing as appropriate
- Engage in the integrated study of language and text.

**HSC English (Standard) Course requires the close study of:**
- At least four types of prescribed text, one drawn from each of the following categories: prose fiction; drama; poetry; nonfiction or film or media or multimedia texts
- A wide range of additional related texts and textual forms.
**Course Description**

In the Preliminary English (Advanced) course, students explore, examine and analyse a range of texts which include prose fiction, drama, poetry, nonfiction, film, media and/or multimedia, as well as Australian texts. They explore the ways events, experiences, ideas, values and processes are represented in and through texts and analyse the ways texts reflect different attitudes and values.

In the HSC English (Advanced) course, students further strengthen their knowledge and understanding of language and literature by analysing and evaluating texts and the ways they are valued in their contexts. Students study at least five types of prescribed texts drawn from prose fiction, drama, poetry, nonfiction, film, media and/or multimedia, and a wide range of additional related texts and textual forms.

### Main Topics Covered

#### Preliminary Course
- The course has two sections:
  - Content common to the Standard and Advanced courses is undertaken through a unit of work called an Area of Study. Students explore texts and develop skills in synthesis. The common content comprises 40% of the course content. Students undertake at least one Area of Study.
  - Electives in which students explore, examine and analyse the ways in which texts and contexts shape and are shaped by different attitudes and values. The Electives comprise 60% of the content.

#### HSC Course
- The course has two sections:
  - The HSC Common Content consists of one Area of Study common to the HSC Standard and the Advanced courses where students analyse and explore texts and apply skills in synthesis.
  - Modules which emphasise particular aspects of shaping meaning and representation, questions of textual integrity, and ways in which texts are valued. Students are required to choose one elective from each of three Modules A, B and C.

### Particular Course Requirements

In the Preliminary English (Advanced) Course students are required to:
- Study Australian and other texts
- Explore a range of types of text drawn from: prose fiction; drama; poetry; nonfiction; film, media, multimedia texts
- Undertake wide reading programs involving texts and textual forms composed in and for a variety of contexts
- Integrate the modes of reading, writing, listening, speaking, and viewing and representing as appropriate
- Engage in the integrated study of language and text.

HSC English (Advanced) Course requires the close study of:
- At least five types of prescribed text, one drawn from each of the following categories: Shakespearean drama; prose fiction; drama or film; poetry; nonfiction or media or multimedia texts
- A wide range of additional related texts and textual forms.
Courses: Preliminary English Extension
HSC English Extension 1
HSC English Extension 2

Course No:
Course No: 15160
Course No: 15170

1 unit of study for each of Preliminary and HSC

Prerequisites:
(a) English (Advanced)
(b) Preliminary English Extension is a prerequisite for English Extension Course 1
(c) English Extension Course 1 is a prerequisite for English Extension Course 2

Exclusions: English (Standard); Fundamentals of English; English (ESL)

Course Description
In the Preliminary English (Extension) Course, students explore how and why texts are valued in and appropriated into a range of contexts. They consider why some texts may be perceived as culturally significant.

In HSC English Extension Course 1, students explore ideas of value and consider how cultural values and systems of valuation arise.

In HSC English Extension Course 2, students develop a sustained composition, and document their reflection on this process.

Main Topics Covered

Preliminary Extension Course
The course has one mandatory section: Module: Texts, Culture and Value.

HSC English Extension Course 1
The course has one section. Students must complete one elective chosen from one of the three modules offered for study:
- Module A: Genre
- Module B: Texts and Ways of Thinking
- Module C: Language and Values.

HSC English Extension Course 2
The course requires students to complete a Major Work.

Particular Course Requirements
In the Preliminary English (Extension) Course students are required to examine a key text from the past and its manifestations in one or more popular cultures. Students also explore, analyse and critically evaluate different examples of such appropriations in a range of contexts and media.

HSC English Extension Course 1 requires the study of prescribed texts (as outlined in the prescriptions document, HSC English 2009–2012 Electives and Prescribed Texts).

HSC English Extension Course 2 requires completion of a Major Work and a statement of reflection.
## Course Description

In the Preliminary English (ESL) course, students acquire and develop specific English language skills, knowledge and understanding by exploring a range of texts which include prose fiction, drama, poetry, nonfiction, film, media and/or multimedia, as well as Australian texts. Through this close study of text, students develop their understanding of the ways ideas and processes are represented in texts.

In the HSC English (ESL) course, students reinforce and extend their language skills through the close study of at least three types of prescribed texts drawn from prose fiction, drama, poetry, nonfiction, film, media and multimedia and a wide range of additional related texts and textual forms. Through this close study of texts, students develop and apply skills in synthesis.

## Main Topics Covered

### Preliminary Course
- **Language Study within Areas of Study**, which is undertaken through a unit of work called an Area of Study. Students acquire and develop their specific English language skills, knowledge and understanding through exploration of an idea or process represented in texts. The Area of Study comprises 60% of the content.
- **Electives** where students develop and use their English language skills in their examination and analysis of particular aspects of shaping meaning. The Electives comprise 40% of the content.

### HSC Course
- **Language Study within an Area of Study**, where students reinforce and extend their language skills and apply skills in synthesis. This section consists of one prescribed Area of Study. The Area of Study comprises 50% of the content.
- **Modules** which emphasise particular aspects of shaping meaning and demonstration of the effectiveness of texts for different audiences and purposes. The Modules comprise 50% of the content.

## Particular Course Requirements

### Preliminary English (ESL) Course
- Study Australian and other texts
- Explore a range of types of text drawn from: prose fiction; drama; poetry; nonfiction; film, media, multimedia texts
- Undertake wide reading programs involving texts and textual forms composed in and for a variety of contexts
- Integrate the modes of reading, writing, listening, speaking, and viewing and representing as appropriate
- Engage in the integrated study of language and text.

### HSC English (ESL) Course
- At least three types of prescribed texts drawn from: prose fiction; drama; poetry; nonfiction; film or media or multimedia texts
- A wide range of additional related texts and textual forms.
**Course:** Fundamentals of English  
**Course No:** 11171

2 unit Preliminary course of study  
It may be delivered flexibly across the Preliminary and HSC years.  
Board Developed Course

**Exclusions:** English (Advanced); English (Extension)

**Course Description**  
This is a skills-based course with opportunities for flexible delivery to meet students’ needs. The needs of students should determine all aspects of the course including areas such as modules studied, and texts and activities chosen. It aims to support students in their study of the English (Standard) course or the English (ESL) course and the English language demands of other subjects at Stage 6.

**Fundamentals of English Course**  
Students undertake:  
- Module A: Approaches to Area of Study in English (Compulsory)  
and up to four additional Modules chosen from:  
- Module B: Oral Communication Skills  
- Module C: Writing for Study  
- Module D: Investigative Skills  
- Module E: Workplace Communication.

**Particular Course Requirements**  
All modules involve a minimum of 24 indicative hours of study. Module A is compulsory. Students must complete a minimum of three modules. They may undertake other modules (with a minimum of 24 indicative hours of study) or apply the balance of time to additional work in the modules they have already undertaken.
Course: Mathematics General Pathways 1 and 2

<table>
<thead>
<tr>
<th>Course No:</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
<td>• 30120 HSC Mathematics General 1</td>
</tr>
<tr>
<td>• 15235 HSC Mathematics General 2</td>
</tr>
</tbody>
</table>

2 units for Preliminary Mathematics General
2 units Content Endorsed Course for HSC Mathematics General Pathway 1
2 units Board Developed Course for HSC Mathematics General Pathway 2

Please note that General Mathematics Pathway 1 in Year 12 is a Non-ATAR HSC course

Prerequisites: Preliminary Course

The Preliminary Mathematics General course has been designed for students who have studied the content and achieved the outcomes of the Stage 5.1 Mathematics course at a substantial level.

HSC Courses

For students who wish to study the HSC Mathematics General 1 course it is recommended that they have successfully completed the Stage 5.1 course achieving the course outcomes at a substantial level.

For students who intend to study the HSC Mathematics General 2 course, it is recommended that they have studied and achieved the outcomes of Stage 5.2 course in Years 9 and 10. At a minimum they must have successfully completed the topics Patterns and Algebra and Trigonometry.

(Note: Mathematics General 2 is a challenging course and is suitable for only those students who have achieved at the highest level in Stage 5.1 Mathematics, as well as candidates from Stage 5.2 and 5.3 wanting Mathematics in their HSC.)

General Information:

• Board Developed Courses (Pathway 2) are examined at the HSC.
• Content Endorsed Courses (Pathway 1) are not examined at the HSC, but are subject to internal school assessment.
• As a Content Endorsed Course, the HSC Mathematics General 1 course (two units of study in the HSC Year) cannot be used to meet the requirement that, to be eligible for the HSC award, students must study at least six units of Board Developed Courses.
• Students who undertake to study the HSC Mathematics General 1 course will need to have at least six units of Preliminary Board Developed Courses from other Key Learning Areas.
• The two units of study for the HSC Mathematics General 1 course cannot be counted in the 10 units required for the calculation of an ATAR.

Exclusions: Students may not study any other Stage 6 Mathematics course in conjunction with General Mathematics

Course Description

The Preliminary Mathematics General course is a common course for all students studying both General 1 and General 2 pathways in Year 12.

The Preliminary/HSC Mathematics General 1 course pathway has been designed to meet the needs of students who wish to study Mathematics in Stage 6 and provides an appropriate foundation for a range of vocational pathways in the workforce.

The Preliminary/HSC Mathematics General 2 course pathway is designed to promote the development of knowledge, skills and understanding in areas of Mathematics that have direct application to the broad range of human activity, and provide an appropriate mathematical background for students who wish to enter occupations that require the use of a variety of mathematical and statistical techniques. It provides a strong foundation for vocational pathways, in the workforce and in further training, and for courses in the humanities, nursing and paramedical sciences.
The course content for the Preliminary Mathematics General and HSC Mathematics General 1 and 2 is organised into Strands and Focus Studies. The strands Financial Mathematics, Data and Statistics, Measurement, Probability, and Algebra and Modelling – are then divided into individual topics that lead into the Focus Studies. The Focus Studies are designed to provide students with the opportunity to apply, and develop further, the knowledge, skills and understanding initially developed in the strands, as well as introducing some new mathematical content. Students will learn to use a range of techniques and tools, including relevant technologies, in order to develop solutions to a wide variety of problems relating to their present and future needs and aspirations.

The Strands covered

**Preliminary Course**
- Financial Mathematics
- Data Analysis
- Measurement
- Probability
- Algebra and Modelling
- Focus Study: Mathematics and Communication
- Focus Study: Mathematics and Driving

**HSC General 1 Course**
- Financial Mathematics
- Data and Statistics
- Measurement
- Probability
- Algebra and Modelling
- Focus Study: Mathematics and Design
- Focus Study: Mathematics and Household Finance
- Focus Study: Mathematics and the Human Body
- Focus Study: Mathematics and Personal Resource Usage

**HSC General 2 Course**
- Financial Mathematics
- Data Analysis
- Measurement
- Probability
- Algebra and Modelling
- Focus Study: Mathematics and Health
- Focus Study: Mathematics and Resources
Course: Mathematics

Course No: 15240

2 units for each of Preliminary and HSC

Board Developed Course

Prerequisites: For students who intend to study the Mathematics course, it is recommended that they study the topics Real Numbers, Algebraic Techniques and Coordinate Geometry as well as at least some of Trigonometry and Deductive Geometry from Stage 5.3 (identified by §) of Mathematics Years 7–10 Syllabus, if not all of the content.

Exclusions: General Mathematics

Course Description

The Mathematics course is the equivalent of the previously run 2 Unit Mathematics course. It is a theoretical course that incorporates Calculus. Mathematics is designed for students who achieve a School Certificate grade of B7, B8 or higher. As this is a pure Mathematics course, it requires strong algebraic and numeric skills. It is also a fast paced course which demands a genuine focus in the classroom and a large amount of homework.

The course is intended to give students who have demonstrated general competence in the skills of Stage 5 Mathematics an understanding of and competence in some further aspects of Mathematics which are applicable to the real world. It has general educational merit and is also useful for concurrent studies in Science and Commerce. The course is a sufficient basis for further studies in Mathematics as a minor discipline at tertiary level in support of courses such as the life Sciences or Commerce. Students, who require substantial mathematics at a tertiary level, supporting the physical sciences, computer science or engineering, should undertake the Mathematics Extension 1 course or both the Mathematics Extension 1 and Mathematics Extension 2 courses.

Main Topics Covered

Preliminary Course
- Basic arithmetic and algebra
- Real functions
- Trigonometric ratios
- Linear functions
- The quadratic polynomial and the parabola
- Plane geometry – geometrical properties
- Tangent to a curve and derivative of a function

HSC Course
- Coordinate methods in geometry
- Applications of geometrical properties
- Geometrical applications of differentiation
- Integration
- Trigonometric functions
- Logarithmic and exponential functions
- Applications of calculus to the physical world
- Probability
- Series and series applications
Course: Mathematics Extension 1  

<table>
<thead>
<tr>
<th>Course No: 15250</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 unit in each of Preliminary (Preliminary Mathematics Extension) and HSC</td>
</tr>
</tbody>
</table>

Board Developed Course

Prerequisites: For students who intend to study the Mathematics Extension 1 course, it is recommended that they study the Stage 5.3 optional topics (identified by #) *Curve Sketching and Polynomials, Functions and Logarithms, and Circle Geometry of Mathematics Years 7–10 Syllabus.*

Exclusions: General Mathematics

Course Description

The Extension 1 Mathematics course must be studied in conjunction with the Mathematics course. This course is designed for students who wish to continue studying Mathematics at university. It should only be considered by those students who achieve a School Certificate grade of A9 or A10. This is fast-paced, extremely challenging and very time consuming course and requires the work and effort of 2 units of study while being a 1 unit course.

The content of this course and its depth of treatment indicate that it is intended for students who have demonstrated a mastery of the skills of Stage 5 Mathematics and are interested in the study of further skills and ideas in mathematics. The course is intended to give these students a thorough understanding of and competence in aspects of Mathematics, including many which are applicable to the real world. It has general educational merit and is also useful for concurrent studies of Science, Industrial Arts and Commerce. The course is a recommended minimum basis for further studies in Mathematics as a major discipline at a tertiary level and for the study of Mathematics in support of the Physical and Engineering Sciences. Although the course is sufficient for these purposes, students of outstanding mathematical ability should consider undertaking the Mathematics Extension 2 course.

Main Topics Covered

### Preliminary Course
- Other inequalities
- Further geometry
- Further trigonometry
- Angles between two lines
- Internal and external division of lines into given ratios
- Parametric representation
- Permutations and combinations
- Polynomials
- Harder applications of the Mathematics Preliminary course topics

### HSC Course
- Methods of integration
- Primitive of $\sin^2 x$ and $\cos^2 x$
- Equation $\frac{dN}{dt} = k(N - P)$
- Velocity and acceleration as a function of $x$
- Projectile motion
- Simple harmonic motion
- Inverse functions and inverse trigonometric functions
- Induction
- Binomial theorem
- Further probability
- Iterative methods for numerical estimation of the roots of a polynomial equation
- Harder applications of Mathematics HSC course topics
## Mathematics Extension 2

<table>
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<tbody>
<tr>
<td>1 unit for the HSC</td>
<td></td>
</tr>
<tr>
<td>Board Developed Course</td>
<td></td>
</tr>
</tbody>
</table>

**Prerequisites:** Students who intend to study this course must have completed the preliminary Mathematics and Mathematics Extension 1 courses.

The course is designed for students with a special interest in mathematics who have shown that they possess special aptitude for the subject.

**Exclusions:** General Mathematics

### Course Description

The course offers a suitable preparation for study of Mathematics at tertiary level, as well as a deeper and more extensive treatment of certain topics than is offered in other Mathematics courses. It represents a distinctly high level in school Mathematics involving the development of considerable manipulative skill and a high degree of understanding of the fundamental ideas of algebra and calculus. These topics are treated in some depth. Thus, the course provides a sufficient basis for a wide range of useful applications of Mathematics as well as an adequate foundation for the further study of the subject.

### Main Topics Covered

- Graphs
- Complex Numbers
- Conics
- Integration
- Volumes
- Mechanics
- Polynomials
- Harder Mathematics Extension 1 topics
**Course:** Biology  
**Course No:** 15030  

<table>
<thead>
<tr>
<th>Board Developed Course</th>
<th>Exclusions: Senior Science (Preliminary only)</th>
</tr>
</thead>
</table>

**Course Description**  
Biology is the study of living organisms, life processes and interactions between organisms and their environment.

The Preliminary course incorporates the study of the mechanisms and systems that living things use to obtain, transport and draw on materials for their own growth and repair; biotic and abiotic features of the environment and the interdependence of organisms in an ecosystem; the evolution of life on Earth; and the effects of global changes on the diversity of Australian biota during the formation of the Australian continent.

The HSC course builds upon the Preliminary course. It examines the processes and structures that plants and animals use to maintain a constant internal environment and the way in which characteristics are transmitted from generation to generation. The options cover a variety of interest areas and draw on the increased information and understanding provided by improved technology to examine areas of current research.

**Topics Covered**

<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th>HSC Course</th>
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<tbody>
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<td>Biology Skills Module 8.1</td>
<td>Biology Skills Module 9.1</td>
</tr>
<tr>
<td><strong>Core Modules</strong></td>
<td><strong>Core Modules</strong></td>
</tr>
<tr>
<td>▪ A Local Ecosystem</td>
<td>▪ Maintaining a Balance</td>
</tr>
<tr>
<td>▪ Patterns in Nature</td>
<td>▪ Blueprint of Life</td>
</tr>
<tr>
<td>▪ Life on Earth</td>
<td>▪ The Search for Better Health</td>
</tr>
<tr>
<td>▪ Evolution of Australian Biota</td>
<td>One Option from the following modules:</td>
</tr>
<tr>
<td></td>
<td>▪ Communication</td>
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<tr>
<td></td>
<td>▪ Biotechnology</td>
</tr>
<tr>
<td></td>
<td>▪ Genetics: The Code Broken?</td>
</tr>
<tr>
<td></td>
<td>▪ The Human Story</td>
</tr>
<tr>
<td></td>
<td>▪ Biochemistry</td>
</tr>
</tbody>
</table>

**Particular Course Requirements**

Each module specifies content which provides opportunities for students to achieve the Biology skill outcomes. Biology modules 8.1 (Preliminary) and 9.1 (HSC) provide the skills content that must be addressed within and across each course. Teachers should provide opportunities based on the module content to develop the full range of skills content identified in Biology skills modules 8.1 and 9.1.

The Preliminary course includes a field study related to local terrestrial and aquatic environments. Students will complete a minimum of 80 indicative hours of practical experiences across Preliminary and HSC course time with no less than 35 hours in the HSC course. Practical experiences must include at least one open-ended investigation in both the Preliminary and HSC Courses.
Course: Chemistry  
Course No: 15050

| 2 units for each of Preliminary and HSC  
Board Developed Course | Exclusions: Senior Science (Preliminary only) |

**Course Description**
Chemistry is the study of the physical and chemical properties of matter, with a focus on substances and their interactions. Chemistry attempts to provide chemical explanations and to predict events at the atomic and molecular level.

The Preliminary course develops knowledge of atomic structure, chemical changes, rates of reaction and relationships between substances by focusing on increasing students’ understanding of the Earth’s resources, the development of increasingly sophisticated methods to extract and use metals, the importance of water on Earth and high energy carbon compounds.

The HSC course builds on the concepts developed in the Preliminary course, expanding on areas such as the search for new sources of traditional materials, the design and production of new materials, the management and monitoring of chemicals that have been developed and/or released as a result of human technological activity and the way in which environmental problems could be reversed or minimised. The options cover a variety of interest areas and draw on the increased information and understanding provided by improved technology to examine areas of current research.

**Topics Covered**

<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry Skills Module 8.1</td>
<td>Chemistry Skills Module 9.1</td>
</tr>
<tr>
<td>Core Modules</td>
<td>Core Modules</td>
</tr>
<tr>
<td>- The Chemical Earth</td>
<td>- Production of Materials</td>
</tr>
<tr>
<td>- Metals</td>
<td>- The Acidic Environment</td>
</tr>
<tr>
<td>- Water</td>
<td>- Chemical Monitoring and Management</td>
</tr>
<tr>
<td>- Energy</td>
<td><strong>One Option from the following modules:</strong></td>
</tr>
<tr>
<td></td>
<td>- Industrial Chemistry</td>
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<tr>
<td></td>
<td>- Shipwrecks, Corrosion and Conservation</td>
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<td></td>
<td>- The Biochemistry of Movement</td>
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<tr>
<td></td>
<td>- The Chemistry of Art</td>
</tr>
<tr>
<td></td>
<td>- Forensic Chemistry</td>
</tr>
</tbody>
</table>

**Particular Course Requirements**
Each module specifies content which provides opportunities for students to achieve the Chemistry skill outcomes. Chemistry modules 8.1 (Preliminary) and 9.1 (HSC) provide the skills content that must be addressed within and across each course. Teachers should provide opportunities based on the module content to develop the full range of skills content identified in Chemistry skills modules 8.1 and 9.1.

Students will complete a minimum of 80 indicative hours of practical experiences across Preliminary and HSC course time with no less than 35 hours in the HSC course. Practical experiences must include at least one open-ended investigation in both the Preliminary and HSC Courses.
<table>
<thead>
<tr>
<th>Course: Physics</th>
<th>Course No: 15330</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 units for each of Preliminary and HSC Board Developed Course</td>
<td>Exclusions: Senior Science (Preliminary only)</td>
</tr>
</tbody>
</table>

**Course Description**
Physics investigates natural phenomena, identifies patterns and applies models, principles and laws to explain their behaviour.

The Preliminary course develops a knowledge of waves, motion, forces, fields, electricity and magnetism by focusing on increasing students’ understanding of current communication technologies, the use of electricity in the home, interaction involving vehicles (such as car crashes) and the mechanisms that maintain the physical conditions of planet Earth.

The HSC course builds on the concepts of the Preliminary course by expanding on areas such as relativity, the motor effect and solid state physics, and by focusing on space flight, motors and generators and the scientific advances involved in the development of semi-conductors and electronics. The options cover a variety of interest areas and draw on the increased information and understanding provided by improved technology to examine areas of current research.

**Topics Covered**

**Preliminary Course**
Physics Skills Module 8.1

- Core Modules
  - The World Communicates
  - Electrical Energy in the Home
  - Moving About
  - The Cosmic Engine

**HSC Course**
Physics Skills Module 9.1

- Core Modules
  - Space
  - Motors and Generators
  - From Ideas to Implementation

- One Option from the following modules:
  - Geophysics
  - Medical Physics
  - Astrophysics
  - From Quanta to Quarks
  - The Age of Silicon

**Particular Course Requirements**
Each module specifies content which provides opportunities for students to achieve the Physics skill outcomes. Physics modules 8.1 (Preliminary) and 9.1 (HSC) provide the skills content that must be addressed within and across each course. Teachers should provide opportunities based on the module content to develop the full range of skills content identified in Physics skills modules 8.1 and 9.1.

Students will complete a minimum of 80 indicative hours of practical experiences across Preliminary and HSC course time with no less than 35 hours in the HSC course. Practical experiences must include at least one open-ended investigation in both the Preliminary and HSC Courses.
**Course**: HSC Ancient History  
2 units for each of Preliminary and HSC  
Board Developed Course  

**Course No**: 15020  
**Exclusions**: Nil

### Course Description

The Preliminary course is structured to provide students with opportunities to investigate past people, groups, events, institutions, societies and historical sites from the sources available, by applying the methods used by historians and archaeologists.

The HSC course provides the opportunity for students to investigate in depth the range and nature of archaeological and written sources that provide evidence for a life in Pompeii and Herculaneum. They also study the key features and sources of an ancient society, historical period and ancient personality.

### Main Topics Covered

#### Preliminary Course
- **Part 1: Introduction**  
  - Investigating the past: History, Archaeology and Science  
  - Case Studies (at least ONE)
- **Part II: Studies of Ancient Societies, Sites and Sources**  
  At least ONE study to be chosen.
- **Part III: Historical Investigation**  
  The investigation can be either integrated into any aspect of the Preliminary course or attempted as one project, individually or as part of a group.

#### HSC Course
- **Part I: Core Study**: Cities of Vesuvius – Pompeii and Herculaneum (25%)
- **Part II**: ONE Ancient Society (25%)
- **Part III**: ONE Personality in their Times (25%)
- **Part IV**: ONE Historical Period (25%)

### Particular Course Requirements

In the Preliminary course, choices of studies in Parts I, II and III, must be chosen from different civilisations, Egypt, Greece and Rome.

The Historical Investigation and choice of topics in Parts I and II must not overlap or duplicate significantly any topic attempted for the HSC Ancient History or History Extension courses.
**Course**: HSC Modern History  
2 units for each of Preliminary and HSC  
Board Developed Course  

<table>
<thead>
<tr>
<th>Course No:</th>
<th>Exclusions:</th>
<th>Nil</th>
</tr>
</thead>
</table>

**Course Description**  
The Preliminary course is structured to provide students with opportunities to investigate the role of key features, issues, individuals, groups, events and concepts from the C19th to the present using the methods of historical inquiry.  
The HSC course provides the opportunity for students to investigate in depth a source-based study of World War I. They also study key features and issues in the history of ONE country during the C20th, ONE personality and ONE international study in peace and conflict.  

**Main Topics Covered**  
**Preliminary Course**  
- **Part 1: Case Studies (50%)**  
  At least TWO Case Studies should be undertaken (see below).  
- **Part II: Historical Investigation (20%)**  
  The investigation can be either integrated into any aspect of the Preliminary course or attempted as one project, individually or as part of a group.  
- **Part III: Core Study: The World at the Beginning of the C20th (30%)**  
  A source-based approach is to be used.  

**HSC Course**  
- **Part I: Core Study: World War I: 1914–1919: A source-based study (25%)**  
- **Part II: ONE National Study (25%)**  
- **Part III: ONE Personality in the C20th (25%)**  
- **Part IV: ONE International Study in Peace and Conflict (25%)**  

**Particular Course Requirements**  
**One Case Study** must be from Europe, North America or Australia (see list A on p.18 of the syllabus).  
**One Case Study** must be from Asia, the Pacific, Africa, the Middle East or Central/South America (see list B on p.18 of the syllabus).  
The Historical Investigation and choice of Case Study must not overlap or duplicate significantly any topic attempted for the HSC Modern History or History Extension courses.
<table>
<thead>
<tr>
<th>Course: HSC History Extension</th>
<th>Course No: 15280</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 unit HSC</td>
<td>Exclusions: Nil</td>
</tr>
<tr>
<td>Board Developed Course</td>
<td></td>
</tr>
</tbody>
</table>

**Course Description**

HSC History Extension involves the study and evaluation of the ideas and processes used by historians to construct history. In Part 1 of the course, students investigate the question 'What is history?' through a selection of readings and through one case study. In Part II, students design, undertake and communicate their own personal historical inquiry.

**Main Topics Covered**

**Part I: What is History?** (60% of course time)
- Key questions:
  - Who are the historians?
  - What are the aims and purposes of history?
  - How has history been constructed and recorded over time?
  - Why have the approaches to history changed over time?
  - Students will investigate one case study from a selection of ancient, medieval and early modern, modern and Australian options.

**Part II: History Project** (40% of course time)
- An original piece of historical investigation by the student which includes a Proposal, Essay, Bibliography and Process Log.

**Particular Course Requirements**
The Preliminary course in Modern or Ancient History is a prerequisite for the HSC course.
<table>
<thead>
<tr>
<th>Course: Business Studies</th>
<th>Course No: 15040</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 units for each of Preliminary and HSC Board Developed Course</td>
<td>Exclusions: Nil</td>
</tr>
</tbody>
</table>

**Course Description**

Business Studies investigates the role, operation and management of businesses within our society. Factors in the establishment, operation and management of a small business are integral to this course. Students investigate the role of global business and its impact on Australian business. Students develop research and independent learning skills in addition to analytical and problem-solving competencies through their studies.

**Main Topics Covered**

**Preliminary Course**
- Nature of Business (20%) – the nature and role of business in a changing business environment
- Business Management (40%) – the nature and responsibilities of management in the business environment
- Business Planning (40%) – the process of establishing and planning a small to medium enterprises

**HSC Course**
- Operations (25%) – covers the strategies for effective operations management in large businesses
- Marketing (25%) – covers the main elements involved in the development and implementation of successful marketing strategies
- Finance (25%) – covers the role of interpreting financial information in the planning and management of a business
- Human Resources (25%) – covers the contribution of human resource management to business performance

**Particular Course Requirements**

In the Preliminary course there is a research project investigating the operation of a small business or planning the establishment of a small business.
**Course:** Community and Family Studies  
**Course No:** 15060  
2 units for each of Preliminary and HSC Board Developed Course  
**Exclusions:** Nil

### Course Description
Community and Family Studies for students designed to develop an understanding of the diverse nature and interdependence of families and communities, within Australian society. The course enables students to plan and manage resources effectively in order to address contemporary issues facing individuals, families and communities.

### Main Topics Covered

#### Preliminary Course
- **Resource Management** Basic concepts of the resource management (approximately 20% of course time).
- **Individuals and Groups** The individual’s roles, relationships and tasks within groups (approximately 40% of course time).
- **Families and Communities** Family structures and functions and the interaction between family and community (approximately 40% of course time).

#### HSC Course
- **Research Methodology** Research methodology and skills culminating in the production of an Independent Research Project (approximately 25% of course time).
- **Groups in Context** The characteristics and needs of specific community groups (approximately 25% of course time).
- **Parenting and Caring** Issues facing individuals and groups who adopt roles of parenting and caring in contemporary society (approximately 25% of course time).

#### HSC Option Modules
Select one of the following (approximately 25% of course time):
- **Family and Societal Interactions** Government and community structures that support and protect family members throughout their lifespan.
- **Social Impact of Technology** The impact of evolving technologies on individuals and lifestyle.
- **Individuals and Work** Contemporary issues confronting individuals as they manage roles within both their family and work environments.

### Particular Course Requirements
Students are required to complete an Independent Research Project as part of the HSC internal assessment. The focus of the Independent Research Project should be related to the course content of one or more of the following areas: individuals, groups, families, communities, resource management.
## Course: Dance
### Course No: 15070

2 units for each of Preliminary and HSC Board Developed Course

**Exclusions:** Projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.

### Preliminary Course
Students undertake a study of Dance as an art form. There is an equal emphasis on the components of Performance, Composition and Appreciation in the study of Dance. Students studying Dance bring with them a wide range of prior dance experience. Physical training and preparation of the body is fundamental and of paramount importance to the course and informs all three components of the course.

Components to be completed are:
- Performance (40%)
- Composition (20%)
- Appreciation (20%)
- Additional (20%) (to be allocated by the teacher to suit the specific circumstances/context of the class).

### HSC Course
Students continue common study in the three course components of Performance, Composition and Appreciation and also undertake an in-depth study of dance in one of the Major Study components, either Performance, Composition, Appreciation or Dance and Technology
- Core (60%) Performance 20%, Composition 20%, Appreciation 20%
- Major Study (40%) Performance or Composition or Appreciation or Dance and Technology.

### Particular Course Requirements
The interrelation of the course components is a major feature in the study of dance as an art form and is emphasised throughout both courses.

The published *Course Prescriptions*, which may change in total or in part every three years, indicate works and artists to be studied in the HSC Course in Core Appreciation and Major Study Appreciation.
### Course: Drama  
**Course No:** 15090

| 2 units for each of Preliminary and HSC  
Board Developed Course |
|---|

**Exclusions:** Projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.

#### Course Description

Students in Drama study the practices of Making, Performing and Critically Studying. Students engage with these components through collaborative and individual experiences.

**Preliminary Course**

Content comprises an interaction between the components of Improvisation, Playbuilding and Acting, Elements of Production in Performance and Theatrical Traditions and Performance Styles. Learning comes from practical experiences in each of these areas.

**HSC Course**

Australian Drama and Theatre and Studies in Drama and Theatre involve the theoretical study through practical exploration of themes, issues, styles and movements of traditions of theatre, exploring relevant acting techniques, performance styles and spaces.

The Group Performance (3-6 students) involves creating a piece of original theatre (8–12 minutes duration). It provides opportunity for each student to demonstrate his or her performance skills.

For the Individual Project, students demonstrate their expertise in a particular area. They choose one project from Critical Analysis or Design or Performance or Script-writing or Video Drama.

#### Main Topics Covered

**Preliminary Course**
- Improvisation, Playbuilding, Acting
- Elements of Production in Performance
- Theatrical Traditions and Performance Styles

**HSC Course**
- Australian Drama and Theatre (Core content)
- Studies in Drama and Theatre (Core content)
- Group Performance (Core content)
- Individual Project (Selective content)

#### Particular Course Requirements

The Preliminary course informs learning in the HSC course. In the study of theoretical components, students engage in practical workshop activities and performances to assist their understanding, analysis and synthesis of material covered in areas of study. In preparing for the group performance, the published Course Prescriptions include a topic list which is used as a starting point. The Individual Project is negotiated between the student and the teacher at the beginning of the HSC course. Students choosing Individual Project Design or Critical Analysis must base their work on one of the texts listed in the published text list. This list changes every three years. Students must ensure that they do not choose a text or topic they are studying in Drama in the written component or in any other HSC course when choosing Individual Projects.
<table>
<thead>
<tr>
<th>Course: Economics</th>
<th>Course No: 15110</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 units for each of Preliminary and HSC Board Developed Course</td>
<td>Exclusions: Nil</td>
</tr>
</tbody>
</table>

**Course Description**

Economics provides understanding for students about many aspects of the economy and its operation that are frequently reported in the media. It investigates issues such as why unemployment or inflation rates change and how these changes will impact on individuals in society. Economics develops students’ knowledge and understanding of the operation of the global and Australian economy. It develops the analytical, problem-solving and communication skills of students. There is a strong emphasis on the problems and issues in a contemporary Australian economic context within the course.

**Main Topics Covered**

**Preliminary Course**
- Introduction to Economics (10%) – The nature of economics and the operation of an economy
- Consumers and Business (10%) – The role of consumers and business in the economy
- Markets (20%) – The role of markets, demand, supply and competition
- Labour Markets (20%) – The workforce and role of labour in the economy
- Financial Markets (20%) – The financial market in Australia including the share market
- Government and the Economy (20%) – The role of government in the Australian economy.

**HSC Course**
- The Global Economy (25%) – Features of the global economy and globalisation
- Australia’s Place in the Global Economy (25%) – Australia’s trade and finance
- Economic Issues (25%) – Issues including growth, unemployment, inflation, wealth and management.
- Economic Policies and Management (25%) – The range of policies to manage the economy.

**Careers in Economics:**
- Bank management
- Chartered accountant
- Distribution and logistics management
- Econometrician
- Economist
- Financial risk analyst
- Investment analyst
- Investment banking
- Management consultancy
- Marketing executive
- Natural resource manager
- Public relations officer
- Retail buying
- Sales
- Statistician
- Teaching
- Trading
Course: Food Technology

Course No: 15180

2 units for each of Preliminary and HSC Board Developed Course

Exclusions: Nil

Course Description
The Preliminary course will develop knowledge and understanding about food nutrients and diets for optimum nutrition, the functional properties of food, safe preparation, presentation and storage of food, sensory characteristics of food, the influences on food availability and factors affecting food selection. Practical skills in planning, preparing and presenting food are integrated throughout the content areas.

The HSC course involves the study of: sectors, aspects, policies and legislations of the Australian Food Industry; production, processing, preserving, packaging, storage and distribution of food; factors impacting, reasons, types, steps and marketing of food product development; nutrition incorporating diet and health in Australia and influences on nutritional status. Practical experiences in developing, preparing, experimenting and presenting food are integrated throughout the course.

Main Topics Covered

Preliminary Course
- Food Availability and Selection (30%)
- Food Quality (40%)
- Nutrition (30%)

HSC Course
- The Australian Food Industry (25%)
- Food Manufacture (25%)
- Food Product Development (25%)
- Contemporary Nutrition Issues (25%)

Particular Course Requirements
There is no prerequisite study for the 2 unit Preliminary course. Completion of the 2 unit Preliminary course is a prerequisite to the study of the 2 unit HSC course. In order to meet the course requirements, students study food availability and selection, food quality, nutrition, the Australian food industry, food manufacture, food product development and contemporary nutrition issues.

It is mandatory that students undertake practical activities. Such experiential learning activities are specified in the 'learn to' section of each strand.
### Course: Geography

<table>
<thead>
<tr>
<th>Course No: 15190</th>
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</thead>
<tbody>
<tr>
<td>2 units for each of Preliminary and HSC Board Developed Course</td>
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</tbody>
</table>

#### Course Description

The Preliminary course investigates biophysical and human geography and develops students’ knowledge and understanding about the spatial and ecological dimensions of geography. Enquiry methodologies are used to investigate the unique characteristics of our world through fieldwork, geographical skills and the study of contemporary geographical issues.

The HSC course enables students to appreciate geographical perspectives about the contemporary world. There are specific studies about biophysical and human processes, interactions and trends. Fieldwork and a variety of case studies combine with an assessment of the geographers’ contribution to understanding our environment and demonstrates the relevance of geographical study.

#### Preliminary Course

Biophysical Interactions (45%) – how biophysical processes contribute to sustainable management.

Global Challenges (45%) – geographical study of issues at a global scale.

Senior Geography Project (10%) – a geographical study of student’s own choosing.

#### HSC Course

Ecosystems at Risk (33.3%) – the functioning of ecosystems, their management and protection.

Urban Places (33.3%) – study of cities and urban dynamics.

People and Economic Activity (33.3%) – geographic study of economic activity in a local and global context.

**Key concepts incorporated across all topics:** change, environment, sustainability, spatial and ecological dimensions, interaction, technology, management and cultural integration.

#### Particular Course Requirements

Students complete a senior geography project (SGP) in the Preliminary course and must undertake 12 hours of fieldwork in both the Preliminary and HSC courses.

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### Careers in Geography

- Cartographer
- Climatologist
- Demographer
- Emergency management
- Environment management
- GIS specialist
- Landscape architect
- National Park Service Ranger
- Recycling manager
- Soil conservationist
- Teacher
- Tourism
- Transportation management
- Travel agent
- Urban planner/community development
- Weather analyst
- Writer/researcher
Course: Legal Studies | Course No: 15220
---|---
2 units for each of Preliminary and HSC Board Developed Course | Exclusions: Nil

Course Description
The Preliminary course develops students' knowledge and understanding of the nature and functions of law and law-making, the development of Australian and international legal systems, the Australian constitution and law reform. It examines an individual's rights and responsibilities, how disputes are resolved, and examines a contemporary issue concerning the individual and technology. Students have the opportunity to investigate issues that illustrate how the law operates in practice. This is achieved by investigating, analysing and synthesising legal information and investigating legal issues from a variety of perspectives.

The HSC course investigates the key areas of law, justice and human rights through a variety of focus studies which consider how changes in societies influence law reform.

Preliminary Course (from 2010)
- Part I – The Legal System (40% of course time)
- Part II – The Individual and the Law (30% of course time)
- Part III – The Law in Practice (30% of course time)

The Law in Practice unit is designed to provide opportunities for students to deepen their understanding of the principles of law covered in the first sections of the course. This section may be integrated with Part I and Part II.

HSC Course (2010)
- Core Part I - Crime (30% of Course Time)
- Core Part II - Human Rights (20% of course time)
- Core Part III - 2 Options (25% of course time)

Students will study two focus studies chosen from:
- Consumers
- Family
- Global environmental Protection
- Indigenous peoples
- Shelter
- Workplace
- World order.

Key themes incorporated across all topics: Justice, law and society; Culture, values and ethics; Conflict and cooperation; Continuity and change; Legal processes and institutions; Effectiveness of the legal system.

Particular Course Requirements No special requirements
Course: Music 1
Course No: 15290

2 units for each of Preliminary and HSC
Board Developed Course
Exclusions: Music 2

Course Description
In the Preliminary and HSC courses, students will study the concepts of music through the learning experiences of performance, composition, musicology and aural within the context of a range of styles, periods and genres.

Main Topics Covered
Students study three topics in each year of the course. Topics are chosen from a list of 21 which covers a range of styles, periods and genres.

Particular Course Requirements
HSC course
In addition to core studies in performance, composition, musicology and aural, students select three electives from any combination of performance, composition and musicology. These electives must represent each of the three topics studied in the course.

Students selecting Composition electives will be required to compile a portfolio of work as part of the process of preparing a submitted work. The portfolio may be requested by the Board of Studies to validate authorship of the submitted work.

Note:
No prior musical experience is required. However, in order to successfully complete this course, students need to be willing to undertake instrumental or singing lessons throughout Years 11 and 12.
### Course Description

The Preliminary course examines a range of areas that underpin health and physical activity. This includes how people think about health and physical activity, the management of personal health and the basis for how the body moves. Students have the opportunity to select from a range of practical options in areas such as first aid, outdoor recreation, composing and performing, and fitness choices.

In the HSC course, students focus on major issues related to Australia's health status. They also look at factors that affect physical performance. They undertake optional study from a range of choices. This includes investigating the health of young people or of groups experiencing health inequities. In other options, students focus on improved performance and safe participation by learning about advanced approaches to training or sports medicine concepts. There is also an opportunity to think critically about the factors that impact on sport and physical activity in Australian society.

### Preliminary Course

#### Core Topics (60%)
- Better Health for Individuals
- The Body in Motion

#### Optional Component (40%)
Students select **two** of the following options:
- First Aid
- Composition and Performance
- Fitness Choices
- Outdoor Recreation

### HSC Course

#### Core Topics (60%)
- Health Priorities in Australia
- Factors Affecting Performance

#### Optional Component (40%)
Students select **two** of the following options:
- The Health of Young People
- Sport and Physical Activity in Australian Society
- Sports Medicine
- Improving Performance
- Equity and Health

### Particular Course Requirements

A **mandatory** requirement for all Preliminary PDHPE students is the completion of an externally provided Senior First Aid Course at a cost of approximately $80.00.
### Course: Studies of Religion II

**Course No:** 15380

2 units for each of Preliminary and HSC Board Developed Course

**Exclusions:** Nil

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#### Course Description

Studies of Religion II promotes an understanding and critical awareness of the nature and significance of religion and the influence of beliefs systems and religious traditions on individuals and within society.

#### Preliminary Course

- **Nature of Religion and Beliefs**
  - The nature of religion and beliefs including Australian Aboriginal beliefs and spiritualities, as a distinctive response to the human search for meaning in life.
- **Three Religious Traditions Studies from:**
  - Buddhism, Christianity, Hinduism, Islam, Judaism
    - Origins
    - Principal beliefs
    - Sacred texts and writings
    - Core ethical teachings
    - Personal devotion/expression of faith/observance.
- **Religions of Ancient Origin**
  - The response to the human search for ultimate meaning in two religions of ancient origin from:
    - Aztec or Inca or Mayan
    - Celtic
    - Nordic
    - Shinto
    - Taoism
    - an Indigenous religion from outside Australia
- **Religion in Australia pre-1945**
  - The arrival, establishment and development of religious traditions in Australia prior to 1945.

#### HSC Course

- **Religion and Belief Systems in Australia post-1945**
  - Religious expression in Australia’s multi-cultural and multi-faith society since 1945, including an appreciation of Aboriginal spiritualities and their contribution to an understanding of religious beliefs and religious expression in Australia today.
- **Three Religious Tradition Depth Studies from:**
  - Buddhism, Christianity, Hinduism, Islam, Judaism
  - Significant people and ideas
  - A religious traditions ethical teachings about bioethics or environmental ethics or sexual ethics
  - Significant practices in the life of adherents.
- **Religion and Peace**
  - The distinctive response of religious traditions to the issue of peace.
- **Religion and Non-Religion**
  - The human search for meaning through new religious expression, Non-religious worldviews and the difference between Religious and Non-Religious worldviews.
**Course**: Society and Culture  
**Course No**: 15350  
**Board Developed Course**  
**Exclusions**: Nil

<table>
<thead>
<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td>Society and Culture develops knowledge, understanding, skills, values and attitudes essential to an appreciation of the social world. How the interaction of persons, society, culture, environment and time shape human behaviour is a central theme of study. Students develop an understanding of research methodologies and undertake research in an area of particular interest to them. The research findings are presented for external assessment in the Personal Interest Project (PIP). The course deals with areas of interest and relevance to students.</td>
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<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th></th>
</tr>
</thead>
</table>
| The Social and Cultural World (30%) – The interaction between aspects of society and cultures  
| Personal and Social Identity (40%) – Socialisation and coming of age in a variety of social and cultural settings  
| Intercultural Communication (30%) – How people in different cultures interact and communicate. |

<table>
<thead>
<tr>
<th>HSC Course Core</th>
<th></th>
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</thead>
</table>
| Social and Cultural Continuity and Change (30%) – The nature, continuity and change, research and study of a selected country  
| The Personal Interest Project (30%) – An individual research project. |

<table>
<thead>
<tr>
<th>Depth Studies (40%)</th>
<th></th>
</tr>
</thead>
</table>
| Popular Culture – The interconnection between individuals and popular culture  
| Belief Systems and ideologies – Role of belief systems in societies, cultures and personal life. The relationship of belief systems and ideologies to culture and identity.  
| Social inclusion and Exclusion – The nature of social inclusion and exclusion and the implications for individuals and groups in societies and cultures.  
| Social conformity and Non conformity – The factors influencing conformity of groups and their members and the role of and response to non-conformity. |

<table>
<thead>
<tr>
<th>Particular Course Requirements</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Completion of Personal Interest Project.</td>
<td></td>
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</tbody>
</table>
### Course: Textiles and Design

- **Course No:** 15390  
- **2 units for each of Preliminary and HSC Board Developed Course**

**Exclusions:**  
- Fashion and Textiles TVET CEC 43480  
- Fashion Design and Technology TVET CEC 41016

### Course Description

The Preliminary course involves the study of design, communication techniques, manufacturing methods, fibres, yarns, fabrics and the Australian Textile Clothing, Footwear and Allied Industries. Practical experiences, experimenting and product manufacturing are integrated throughout the content areas and includes the completion of two preliminary textile projects. These projects develop each student's creative abilities and skills in designing, manipulating, experimenting and selecting appropriate fabrics for an end use.

The HSC course builds upon the Preliminary course and involves the study of fabric colouration and decoration, historical design development, cultural factors that influence design and designers, contemporary designers, end-use applications of textiles, innovations and emerging textile technologies, appropriate textile technology and environmental sustainability, current issues and the marketplace.

This course involves the development of a Major Textiles Project, worth 50% of the HSC mark. The project is selected from one of the five focus areas and enables students to explore an area of interest. The project has two components: the supporting documentation and textile item/s.

### Main Topics Covered

**Preliminary Course**
- Design (40%)  
- Properties and Performance of Textiles (50%)  
- The Australian Textiles, Clothing, Footwear and Allied Industries (10%).

**HSC Course**
- Design (20%)  
- Properties and Performance of Textiles (20%)  
- The Australian Textiles, Clothing, Footwear and Allied Industries (10%)  
- Major Textiles Project (50%).

### Particular Course Requirements

In the Preliminary course students will undertake two preliminary textile projects. Preliminary Project 1 is drawn from the area of study Design and focuses on the generation and communication of ideas, design modification, manipulative skills, evaluation of ideas and of the project, and management of time and resources. Preliminary Project 2 is drawn from the area of study of Properties and Performance of Textiles and focuses on an analysis of fabric, yarn and fibre properties, experimental procedures, product design, fabric choice, manipulative and management skills, communication methods and the recording of information.

In the HSC course, the Major Textiles Project allows students to develop a textile project from one of the following focus areas: apparel, furnishings, costume, textile arts, non-apparel. The selected focus area allows students to explore in detail one area of interest through a creative textile design process that integrates the areas of Design, Properties and Performance of Textiles and the Australian Textiles, Clothing, Footwear and Allied Industries.
### Course Description

Visual Arts involves students in artmaking, art criticism and art history. Students develop their own artworks, culminating in a ‘body of work’ in the HSC course. Students critically and historically investigate artworks, critics, historians and artists from Australia as well as those from other cultures, traditions and times.

The Preliminary course is broadly focused, while the HSC course provides for deeper and more complex investigations. While the course builds on Visual Arts courses in Stages 4 and 5, it also caters for students with more limited experience in Visual Arts.

#### Preliminary Course

- the nature of practice in artmaking, art criticism and art history through different investigations
- the role and function of artists, artworks, the world and audiences in the art world
- the different ways the visual arts may be interpreted and how students might develop their own informed points of view
- how students may develop meaning and focus and interest in their work
- building understandings over time through various investigations and working in different forms.

#### HSC Course

- how students may develop their practice in artmaking, art criticism, and art history
- how students may develop their own informed points of view in increasingly independent ways and use different interpretive frameworks in their investigations
- how students may learn about the relationships between artists, artworks, the world and audiences within the art world and apply these to their own investigations
- how students may further develop meaning and focus in their work.

### Particular Course Requirements

#### Preliminary Course:

- Artworks in at least two expressive forms: painting, drawing, digital photography and use of a process diary
- a broad investigation of ideas in art making, art criticism and art history.

#### HSC Course:

- development of a body of work and use of a process diary
- a minimum of five Case Studies (4–10 hours each)
- deeper and more complex investigations in art making, art criticism and art history.
Course: Chinese Beginners | Course No: 15540

2 units for each of Preliminary and HSC
Board Developed Course

Exclusions: Chinese Continuers; Chinese Extension; Chinese Background Speakers
Strict eligibility rules apply to the study of this subject. Check with your teacher or refer to Section 8.2.2.3 of the Board’s ACE Manual.

Course Description
In the Preliminary and HSC courses, students will develop the linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in Chinese. Topics studied through two interdependent perspectives, the personal world and the Chinese-speaking communities; provide contexts in which students develop their communication skills in Chinese and their knowledge and understanding of language and culture.

Students' skills in, and knowledge of Chinese will be developed through tasks associated with a range of texts and text types, which reflect the topics. Students will also gain an insight into the culture and language of Chinese-speaking communities through the study of a range of texts.

Main Topics Covered
- Family life, home and neighbourhood
- People, places and communities
- Education and work
- Friends, recreation and pastimes
- Holidays, travel and tourism
- Future plans and aspirations.

Particular Course Requirements: Nil
### Course: Chinese Continuers

<table>
<thead>
<tr>
<th>Course No: 15550</th>
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<tbody>
<tr>
<td>2 units for each of Preliminary and HSC Board Developed Course</td>
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</tbody>
</table>

**Prerequisites:** School Certificate Chinese or equivalent knowledge is assumed.

**Exclusions:** Chinese Beginners; Chinese Background Speakers

Strict eligibility rules apply to the study of this subject. Check with your teacher or refer to Section 8.2.2.2 of the Board’s *ACE Manual*.

### Course Description

The Preliminary and HSC courses have, as their organisational focuses, themes and associated topics. Students’ skills in, and knowledge of Chinese will be developed through tasks associated with a range of texts and text types, which reflect the themes and topics. Students also will gain an insight into the culture and language of Chinese-speaking communities through the study of a range of texts.

**Themes:**
- The individual
- The Chinese-speaking communities
- The changing world.

Students’ language skills are developed through tasks such as:
- Conversation
- Responding to an aural stimulus
- Responding to a variety of written material
- Writing for a variety of purposes
- Studying the culture of Chinese-speaking communities through texts.

**Particular Course Requirements:** Nil
<table>
<thead>
<tr>
<th>Course: HSC Heritage Chinese</th>
<th>Course No: 15570</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 unit for HSC</td>
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<tr>
<td>Board Developed Course</td>
<td></td>
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<tr>
<td><strong>Prerequisites:</strong> The Chinese Continuers Preliminary course</td>
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<tr>
<td><strong>Co-requisites:</strong> The Chinese Continuers HSC course</td>
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<tr>
<td><strong>Exclusions:</strong> Nil</td>
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</tbody>
</table>

**Course Description**

The Extension course has a prescribed theme and related issues as its organisational focus. Students’ knowledge and understanding of Chinese language and culture will be enhanced through accessing a variety of texts (some of which are prescribed) related to the theme and issues. Students will extend their ability to use and appreciate Chinese as a medium for communication and creative thought and expression.

**Theme:**
- The individual and contemporary society.

**Prescribed Issues:**
- Division in society
- The individual's search for identity
- Urban versus rural life.

Students’ knowledge and understanding of the issues are developed through tasks such as:
- Discussing issues in prescribed and related texts
- Presenting points of view on issues
- Analysing aural and written texts.

**Particular Course Requirements:** Nil
### Course: Chinese Background Speakers

<table>
<thead>
<tr>
<th>Course No: 15560</th>
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</table>

- **2 units for each of Preliminary and HSC**

**Board Developed Course**

**Prerequisites:** School Certificate Chinese or equivalent knowledge is assumed

**Exclusions:** Chinese Beginners; Chinese Continuers; Chinese Extension

Eligibility rules apply to the study of this subject. Check with your teacher or refer to Section 8.2.2.2 of the Board’s *ACE Manual.*

**Course Description**

In the Preliminary course, students will develop their knowledge and understanding of Chinese through the study of language texts and contemporary issues.

In the HSC course, students will continue to develop their knowledge and understanding of Chinese through the study of prescribed texts, prescribed themes, and contemporary issues.

Students will study language and culture through the following prescribed themes:
- The individual and the community
- Youth culture
- Chinese communities overseas
- Global issues.

**Particular Course Requirements:** Nil

- Spoken exchanges are to be conducted in Putonghua.
**Course:** French Beginners  
**Course No:** 15670  

| 2 units for each of Preliminary and HSC  
| Board Developed Course  
| **Exclusions:**  
| French Continuers; French Extension  
| Strict eligibility rules apply to the study of this subject. Check with your teacher or refer to Section 8.2.2.3 of the Board’s ACE Manual.  

### Course Description
In the Preliminary and HSC courses, students will develop the linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in French.

Topics studied through two interdependent perspectives, *the personal world* and *the French-speaking communities*; provide contexts in which students develop their communication skills in French and their knowledge and understanding of language and culture.

Students’ skills in, and knowledge of French will be developed through tasks associated with a range of texts and text types, which reflect the topics. Students will also gain an insight into the culture and language of French-speaking communities through the study of a range of texts.

### Main Topics Covered
- Family life, home and neighbourhood
- People, places and communities
- Education and work
- Friends, recreation and pastimes
- Holidays, travel and tourism
- Future plans and aspirations.

### Particular Course Requirements: Nil
<table>
<thead>
<tr>
<th>Course: French Continuers</th>
<th>Course No: 15680</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 units for each of Preliminary and HSC</td>
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<tr>
<td>Board Developed Course</td>
<td></td>
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<tr>
<td><strong>Prerequisites:</strong> School Certificate French or equivalent knowledge is assumed.</td>
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<tr>
<td><strong>Exclusions:</strong> French Beginners</td>
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</tbody>
</table>

**Course Description**

The Preliminary and HSC courses have, as their organisational focuses, themes and associated topics. Students’ skills in, and knowledge of French will be developed through tasks associated with a range of texts and text types, which reflect the themes and topics. Students will also gain an insight into the culture and language of French-speaking communities through the study of a range of texts.

**Themes:**
- The individual
- The French-speaking communities
- The changing world.

Students’ language skills are developed through tasks such as:
- Conversation
- Responding to an aural stimulus
- Responding to a variety of written material
- Writing for a variety of purposes
- Studying the culture of French-speaking communities through texts.

**Particular Course Requirements:** Nil
**BUSINESS SERVICES COURSE DESCRIPTION 2016**

This may change due to Training Package and BOSTES updates. Notification of variations will be made in due time.

Course: **Business Services (240 indicative hours)**  
Board Developed Course  
Category B status for Australian Tertiary Admission Rank (ATAR)

This industry curriculum framework course is accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational qualifications. This is known as dual accreditation.

**BSB20115 Certificate II in Business Units of Competency**

**Core**
- BSBWHS201 Contribute to health and safety of self and others

**Electives**
- BSBCUS201 Deliver a service to customers
- BSBIND201 Work effectively in a business environment
- BSBINM201 Process and maintain workplace information
- BSBINN201 Contribute to workplace innovation
- BSBSUS201 Participate in environmentally sustainable work practices
- BSBFIA301 Maintain financial records
- BSBINM202 Handle mail

- BSBCCM201 Communicate in the workplace
- BSBITU201 Produce simple word processed documents
- BSBITU202 Create and use spread sheets
- BSBWOR202 Organise and complete daily work activities

**Additional units required to attain a HSC credential in this course**
- BSBWOR203 Work effectively with others
- BSBWOR204 Use business technology
- BSBITU203 Communicate electronically

**Please note:** This course may change due to a new syllabus being introduced in 2016 which may affect the elective units selected.

Students may apply for Recognition of Prior Learning provided suitable evidence is submitted.

**Pathways to Industry** - Skills gained in this course transfer to other occupations. Working in the business services industry involves

- customer (client) service
- organising information and records in both paper and electronic forms
- teamwork
- using technologies
- creating documents

**Examples of occupations in the business services industry:**

- administration assistant  
- clerical worker  
- office junior  
- receptionist  
- information desk operator  
- data entry operator

**Mandatory Course Requirements**  
Students must complete a minimum of 70 hours work placement. Students who do not meet these requirements will be ‘N’ determined as required by the Board of Studies, Teaching and Educational Standards (BOSTES).

**Competency-Based Assessment**  
Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as ‘competent’ or ‘not yet competent’ in individual units of competency. When a student achieves a unit of competency it is signed off by the assessor.

**Appeals**  
Students may lodge an appeal about assessment decisions through their VET teacher.

**External Assessment (optional HSC examination for ATAR purposes)**  
The Higher School Certificate examination for Business Services (240 indicative hours) will involve a written examination consisting of multiple-choice items, short answers and extended response items. The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive a vocational qualification.

**Course Costs:** Year 11 $40  
Year 12 $40 (cost is based on 2015 cohorts)

**Refund Arrangements on a pro-rata basis**  
Please see your VET teacher to enquire about financial assistance.

A school-based traineeship is available in this course, for more information: [http://www.sbatinnsw.info/](http://www.sbatinnsw.info/)
HOSPITALITY KITCHEN OPERATIONS and COOKERY COURSE DESCRIPTION 2016
This may change due to Training Package BOSTES updates. Notification of variations will be made in due time.

<table>
<thead>
<tr>
<th>Course:</th>
<th>Hospitality - Kitchen Operations (240 indicative hours)</th>
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<tr>
<td>Board Developed Course</td>
<td>Category B status for Australian Tertiary Admission Rank (ATAR)</td>
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</tbody>
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This industry curriculum framework course is accredited for the HSC and provides students with the opportunity to obtain nationally recognised vocational qualifications. This is known as dual accreditation.

### SIT20312 Certificate II in Kitchen Operations

**Units of Competency**

**Core**
- BSBWOR203B Work effectively with others
- SITHCCC101 Use food preparation equipment
- SITHCCC201 Produce dishes using basic methods of cookery
- SITHCCC207 Use cookery skills effectively
- SITHKOP101 Clean kitchen premises and equipment
- SITXFA101 Use hygienic practices for food safety
- SITXINV202 Maintain the quality of perishable items
- SITXWHS101 Participate in safe work practices

**Electives**
- SITHCCC202 Produce appetisers and salads
- BSBSUS201A Participate in environmentally sustainable work practices
- SITHCCC204 Produce vegetable, fruit, egg and farinaceous dishes
- SITHCCC203 Produce stocks, sauces and soups
- SITXFA201 Participate in safe food handling practices
- SITHIND201 Source and use information on the hospitality industry

Students may apply for Recognition of Prior Learning provided suitable evidence is submitted.

### Pathways to Industry
Skills gained in this course transfer to other occupations. Working in the hospitality industry involves:

- supporting and working with colleagues to meet goals and provide a high level of customer service
- prepare menus, managing resources, preparing, cooking and serving a range of dishes

### Examples of occupations in the hospitality industry:
- breakfast cook
- trainee chef
- short order or fast food cook

### Mandatory Course Requirements
Students must complete a minimum of 70 hours work placement. Students who do not meet these requirements will be ‘N’ determined as required by the Board of Studies, Teaching and Educational Standards (BOSTES).

### Competency – Based Assessment
Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out competency. Students will be progressively assessed as ‘competent’ or ‘not yet competent’ in individual units of competency. When a student achieves a unit of competency it is signed off by the assessor.

### Appeals
Students may lodge an appeal about assessment decisions through their VET teacher.

### External Assessment (optional HSC examination for ATAR purposes)
The Higher School Certificate examination for Hospitality Kitchen Operations (240 indicative hours) will involve a written examination consisting of multiple-choice items, short answers and extended response items. The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive a vocational qualification.

### Course Costs: (based on 2015 cohorts)

- Year 11 $115 + tool kit $20.00 + chef uniform one-off in Year 11 $75 (approx.)
- Year 12 $115.00 + Tool kit $20.00

Refund Arrangements on a pro-rata basis
Please see your VET teacher to enquire about financial assistance

A school-based traineeship and apprenticeship are available in this course, for more information: http://www.sbatinnsw.info/
Stage 6 VET Courses (240 HSC Indicative Hours)
1. Business Services
2. Construction
3. Entertainment Industry (including 60 hour specialisation)
4. Furniture Making
5. Hospitality
   • Kitchen Operations and Cookery
   • Food and Beverage
6. Information and Digital Technology
7. Metal and Engineering
8. Primary Industries
9. Retail Services
10. Screen and Media
11. Sport Coaching

Stage 5 VET Courses - (100 Indicative Hours towards the RoSA)
1. Agri - Food Operations
2. Business Services
3. Construction
4. Hospitality
5. Information and Digital Literacy
6. Manufacturing (Pathways)

Please Note:
Information is current at the date of distribution. However, due to possible changes as a result of Training Packages and Board of Studies, Teaching and Educational Standards (BOSTES) updates, there may be variations to a course description prior to course delivery. Notification of changes will be made in due time.

Board Endorsed Courses
There are two types of Board Endorsed Courses – Content Endorsed Courses and School Developed Courses.

Content Endorsed Courses have syllabuses endorsed by the Board of Studies to cater for areas of special interest not covered in Board Developed Courses. TAFE delivered courses (which are written and delivered by TAFE) have Content Endorsed status granted by the Board.

Schools may also develop special courses in order to meet student needs. These courses must be approved by the Board of Studies.

There is no external examination for Board Endorsed Courses. Assessment is school based.

All Board Endorsed Courses count towards the Higher School Certificate and appear on the student’s Record of Achievement. However, Board Endorsed Courses do not count in the calculation of the Australian Tertiary Admissions Rank (ATAR).

Board Endorsed Courses may be studied as 1 or 2 units and as Preliminary and/or HSC courses.
Course: Sport, Lifestyle and Recreation Studies

Content Endorsed Course

Exclusions: Students studying Board Developed PDHPE must not study CEC modules which duplicate PDHPE modules.

Students will learn about the importance of a healthy and active lifestyle and recognise the need to be responsible and informed decision-makers.

This course enables students to further develop their understanding of and competence in a range of sport and recreational pursuits. They are encouraged to establish a lifelong commitment to being physically active and to achieving movement potential.

Through the course students will develop:
- Knowledge and understanding of the factors that influence health and participation in physical activity
- Knowledge and understanding of the principles that impact on quality of performance
- An ability to analyse and implement strategies to promote health, activity and enhanced performance
- A capacity to influence the participation and performance of self and others.

The course provides the opportunity to specialise in areas of expertise or interest through optional modules such as:
- Aquatics
- Athletics
- First Aid
- Fitness
- Specific Sports
- Gymnastics
- Outdoor Recreation
- Sports Administration
- Coaching
- Social Perspectives of Sport
- Healthy Lifestyle.
Work in all its forms – paid and unpaid – plays a central role in our lives. Technological, social and economic factors are rapidly changing the nature of work and traditional patterns of work organisation. Many of the occupations in which students will work do not yet exist.

This course in Work Studies will assist students:

- To recognise the links between education, training, work and lifestyle, and to recognise the economic and social factors that affect work opportunities
- To develop an understanding of the changing nature of work organisation and the implications for individuals and society
- To undertake an extended work placement to allow for the development of specific job-related skills
- To acquire general work-related knowledge, skills and attitudes, transferable across a number of occupational areas
- To develop their skills in accessing work-related information, presenting themselves to potential employers, and functioning effectively in the workplace.

The course has two core studies, and elective course modules.

**Core 1 – Work and change**

**Core 2 – Experiencing work**

**Modules**

There are 12 elective modules which expand on the issues introduced in the core. Modules are studied for either 15 or 30 hours.
TAFE delivered HSC VET Courses (TVET) are courses, developed or endorsed by the Board of Studies, Teaching and Educational Standards which senior secondary school students may study at a TAFE NSW institute while completing their HSC at school.

TVET courses are taught by TAFE teachers usually at a TAFE NSW college/campus. As these students are enrolled in TAFE NSW they are subject to student rights, obligations and policies and also receive TAFE NSW credentials on successful completion of their studies. In some cases, courses are delivered by TAFE NSW teachers using school or other facilities.

Students can also undertake HSC VET courses through shared school/TAFE delivery. Students can check which TVET courses are available in their area, but must apply through their school. Some TVET courses include:

- Advertising Media
- Allied Health Assistance (Nursing) HSC ATAR
- Animal Care (Animal Attending)
- Automotive 120 Hrs - counts towards the HSC ATAR
- Automotive 240 Hrs - counts towards the HSC ATAR
- Automotive Paint/Panel - counts towards HSC ATAR
- Automotive Vehicle Trimming - Statement of Attainment
- Aviation - Aircraft Operation (Theory)
- Baking - Retail
- Beauty Therapy (Makeup Services) 120 Hrs
- Beauty Therapy (Makeup Services) 240 Hrs
- Boating Services
- Business Management (Human Resources)
- Business Services - counts towards the HSC ATAR
- Children’s Services Introduction
- Community Recreation (Sport & Recreation Fitness)
- Computer Aided Drafting (CAD)
- Computer Assembly and Repair - counts towards the HSC ATAR
- Construction (120 Hrs)
- Construction (240 Hrs)
- Design Fundamentals (Digital Prototyping)
- Design Fundamentals (Fashion Design)
- Design Fundamentals (Graphic Design)
- Design Fundamentals (Interior Design)
- Design Fundamentals (Jewellery and Object Design)
- Electrotechnology (Electrical) HSC ATAR
- Entertainment - counts towards HSC ATAR
- Fashion Design (120 Hrs)
- Fashion Design (240 Hrs)
- Fashion Design and Technology
- Financial Services – Counts towards HSC ATAR
- Financial Services (Accounts Administrations) Counts towards the ATAR
- Floristry
- Hairdressing
- Health Services Assistance - Certificate III
- Counts towards ATAR
- Hospitality – Counts towards ATAR
- Information Technology - counts towards ATAR
- Maritime Operations
- Marketing
- Media Journalism
- Metals and Engineering
- Multimedia/Digital Design
- Music Industry (Foundation)
- Outdoor Recreation
- Plumbing
- Property Services
- Radio Broadcasting (Screen and Media)
- Retail Services HSC ATAR
- Sail Making
- Sculpture (Visual Arts & Contemporary Crafts)
- Sport and Recreation
- Screen & Media
- Tourism (Events Co-Ordination) HSC ATAR
- Tourism HSC ATAR
- Web Design.