



**B O A R D O F S T U D I E S**  
N E W S O U T H W A L E S

# **THE HIGHER SCHOOL CERTIFICATE**

***An Information Package for Students***

**Preliminary Course 2009**

**HSC Course 2010**

## INDEX TO COURSES, FACULTIES AND HEAD TEACHERS

COURSE	Pg.	STATUS	U.A.I. Category	FACULTY	HEAD TEACHER
Ancient History	10	2U (BDC)	Yes A	HSIE	Mr. Haynes
Biology	11	2U (BDC)	Yes A	Science	Ms. Christensen
Business Services	47	2U (BDC)	Yes B	TAS	Ms. Wallis
Business Studies	12	2U (BDC)	Yes A	HSIE	Mr. Haynes
Chemistry	13	2U (BDC)	Yes A	Science	Ms. Christensen
Community & Family Studies	14	2U (BDC)	Yes A	TAS	Ms. Wallis
Computing Applications	52	2U (BEC)	No	TAS	Ms. Wallis
Design & Technology	15	2U (BDC)	Yes A	TAS	Ms. Wallis
Drama	16	2U (BDC)	Yes A	English	Mrs. Eastwood
Earth & Environmental Science	17	2U (BDC)	Yes A	Science	Ms. Christensen
Economics	18	2U (BDC)	Yes A	HSIE	Mr. Haynes
Engineering Studies	19	2U (BDC)	Yes A	TAS	Ms. Wallis
English (Adv/Standard)	20/21	2U (BDC)	Yes A	English	Mrs. Eastwood
English Extension 1	24	1U (BDC)	Yes A	English	Mrs. Eastwood
English Fundamentals	22	1U (BDC)	No	English	Mrs. Eastwood
English as a Second Language	23	2U (BDC)	Yes A	English	Mrs. Eastwood
Exploring Early Childhood	53	2U (BEC)	No	TAS	Ms. Wallis
Food Technology	25	2U (BDC)	Yes A	TAS	Ms. Wallis
French (Beginners)	43	2U (BDC)	Yes A	Language	Ms. Young
French (Continuers)	44	2U (BDC)	Yes A	Language	Ms. Young
Geography	26	2U (BDC)	Yes A	HSIE	Mr. Haynes
German (Beginners)	45	2U (BDC)	Yes A	Language	Ms. Young
German (Continuers)	46	2U (BDC)	Yes A	Language	Ms. Young
History Extension	34	1U (BDC)	Yes A	HSIE	Mr. Haynes
Hospitality Operations	49	2U (BDC)	Yes B	TAS	Ms. Wallis
Information Processes Technology	27	2U (BDC)	Yes A	TAS	Ms. Wallis
Information Technology	48	2U (BDC)	Yes B	TAS	Ms. Wallis
Legal Studies	28	2U (BDC)	Yes A	HSIE	Mr. Haynes
Mathematics Applied	51	2U (BEC)	No	Maths	Mr. Mahony
Mathematics 2U	30	2U (BDC)	Yes A	Maths	Mr. Mahony
Mathematics Extension 1	31	3U (BDC)	Yes A	Maths	Mr. Mahony
Mathematics Extension 2	32	4U (BDC)	Yes A	Maths	Mr. Mahony
Mathematics General	29	2U (BDC)	Yes A	Maths	Mr. Mahony
Modern History	33	2U (BDC)	Yes A	History	Mr. Haynes
Music	35	2U (BDC)	Yes A	CAPA	Ms. Young
PD / Health / PE	36	2U (BDC)	Yes A	PD/H/PE	Mr. Murie
Photography, Video & Digital Imaging	54	1/2U (BEC)	No	CAPA	Ms. Young
Physics	37	2U (BDC)	Yes A	Science	Ms. Christensen
Senior Science	38	2U (BDC)	Yes A	Science	Ms. Christensen
Society and Culture	39	2U (BDC)	Yes A	HSIE	Mr. Haynes
Sport, Lifestyle, Rec	55	1/2U (BEC)	No	PD/H/PE	Mr. Murie
Studies in Religion II	40	2U (BDC)	Yes A	HSIE	Mr. Haynes
Textiles & Design	41	2U (BDC)	Yes A	TAS	Ms. Wallis
Visual Arts	42	2U (BDC)	Yes A	CAPA	Ms Young
Visual Design	56	1U (BEC)	No	CAPA	Ms. Young
Work Studies	57	1/2U (BEC)	No	HSIE	Mr. Haynes

***If interested in a TAFE delivered VET course, speak to the Careers Adviser for courses offered and application form.***

## ❖ THE NEW H.S.C.

- The Higher School Certificate recognises 13 years of schooling. In the interests of greater career choices and increased opportunities at university and TAFE, it offers you a full range of study areas matching individual abilities, interests and goals.
- The new Higher School Certificate builds on the best of the current Higher School Certificate. There are more 2 unit courses available and these courses incorporate the learning outcomes previously contained in the 2 unit and 3 unit courses.
- Courses will be linked to further education and training.
  - Extension courses (including undergraduate university courses) will enable students to undertake more in-depth study in areas of special interest.
  - Vocational Education and Training courses will count towards the HSC and will also lead to qualifications recognised across a range of industries.
- The new HSC will include life skills courses for students with special education needs.
- The new HSC will fairly assess each student's knowledge and skills.
- If you meet the minimum standard expected in a course you will receive a mark of 50. If you have a higher standard of performance you will receive a higher mark.
- For each course you will receive easy-to-understand reports which contain much more information. These reports provide clearer indications of what you have demonstrated you know, understand and can do in each course.

## ❖ WHAT TYPES OF COURSES CAN I SELECT?

There are different types of courses that you can select in Years 11 and 12.

### • Board Developed Courses

These courses are developed by the Board of Studies. Their syllabus is set by the Board of Studies.

Students entered for the HSC who are studying these courses follow these syllabuses. These courses are **examined externally** at the end of the HSC course and can count towards the calculation of the Universities Admission Index (UAI).

### • Board Endorsed Courses

There are two main types of Board Endorsed Courses – **Content Endorsed Courses** and **School Designed Courses**.

- Content Endorsed Courses (CECs) have syllabuses endorsed by the Board of Studies to cater for areas of special interest not covered in the Board Developed Courses.

Examples of CEC's at The Hills Sports are:

- Visual Design
- Exploring Early Childhood
- Photography
- Sport, Lifestyle & Recreation
- Work Studies

Most HSC VET (Vocational Education and Training) courses delivered by TAFE are Content Endorsed Courses.

Some Board Endorsed Courses are one-year courses.

There is no external examination for any Content Endorsed Course or School Designed Course, but all Board Endorsed Courses count towards the Higher School Certificate and appear on your Record of Achievement. **Board Endorsed Courses do not count in the calculation of the UAI.**

## Vocational Education and Training (VET) Courses – either Board Developed or Board Endorsed:

- Vocational Education and Training (VET) courses allow students to gain both Higher School Certificate qualifications and accreditation with industry and the workplace as part of the Australian Qualifications Framework (AQF). The national framework is recognised across Australia and helps students to move easily between the various education and training sectors and employment. These courses each have a specific workplace component and a minimum number of hours students spend in the workplace or a simulated workplace at school. Students receive special documentation showing the competencies gained. Some of these courses will be delivered by schools, while others will be delivered by TAFE or other providers.

Further information about school developed VET courses appears in the section listing the HSC Courses available. Further information about TAFE delivered VET courses can be obtained from Mrs Perry.

### HSC BOARD DEVELOPED COURSES VOCATIONAL EDUCATION AND TRAINING (VET) VET Curriculum Frameworks

The Board has developed curriculum frameworks for seven industries. Within each framework there are a number of courses. At least one 240-hour course in each framework will contribute towards the UAI. **You must undertake a work placement to complete these courses successfully.**

The seven frameworks are:

- |                                      |                           |
|--------------------------------------|---------------------------|
| * Business Services (Administration) | * Metal and Engineering   |
| * Construction                       | * Primary Industries      |
| * Information Technology             | * Retail                  |
|                                      | * Tourism and Hospitality |

**Please see the careers adviser, Mrs Perry if you are interested in any Vocational Education Courses at TAFE.**

### TAFE DELIVERED VET COURSES

**Details of TAFE delivered VET courses (previously JSSTAFE Courses) will be provided by Mrs Perry when they become available.**

- ◆ All TAFE delivered VET courses are of 2 Unit value (120 hours)
- ◆ TAFE colleges accessed by The Hills Sports are: Blacktown, Nirimba, Granville, Kingswood, Werrington, Richmond, Penrith and Mt. Druitt.
- ◆ TAFE delivered VET courses are either on a Monday or Wednesday afternoon from 2pm – finishing between 4.30 – 6pm depending on the course and college.
- ◆ Application forms and course details will be provided in Term 3.
- ❖ Attendance is compulsory in order that students can demonstrate competencies achieved.

## ❖ WHAT ARE UNITS?

All courses offered for the Higher School Certificate have a unit value. Subjects may have a value of 1 unit or 2 units. Most courses are 2 unit.

Each unit involves class time of approximately 4 periods per cycle (60 hours per year). In the HSC each unit has a value of 50 marks. Hence a 2 unit course has a value of 100 marks.

**2 units = 9 periods per cycle (120 hours per year)  
= 100 marks**

The following is a guideline to help you understand the pattern of courses.

<b>2 UNIT COURSE</b>	/	This is the basic structure for all courses. It has a value of 100 marks.
<b>EXTENSION COURSE</b>	/	Extension study is available in a number of subjects. Extension courses build on the content of the 2 unit course. They carry an additional value of 1 unit and require students to work beyond the standard of the 2 unit course. Extension courses are available in English, Mathematics, History, Music, some Languages and VET. Undergraduate university courses will be available in some subjects.
	/	English and Mathematics Extension Courses are available at Preliminary and HSC levels. Students must study the Preliminary extension course in these subjects before proceeding to the two HSC extension courses (Extension 1 and Extension 2). The Extension 2 course requires students to work beyond the standard of the Extension 1 course.
	/	HSC extension courses in History, Music, Language and VET are offered and examined in Year 12 only.
<b>1 UNIT COURSE</b>	/	1 unit equals approximately 3 ½ hours of class time each cycle or 60 hours per year.
	/	Studies of Religion can be undertaken as either a 1 unit or a 2 unit course.
	/	There are a number of 1 unit Board Endorsed Courses. These courses do not count in the UAI.

## ❖ REQUIREMENTS FOR THE AWARD OF THE HSC

If you wish to be awarded the HSC:

- you must have satisfactorily completed courses that meet the pattern of study required by the Board of Studies for the award of the Higher School Certificate. This includes the completion of the practical, oral or project works required for specific courses and the assessment requirements for each course.
- you must have sat for and made a serious attempt at the Higher School Certificate examinations.
- you must study a minimum of **12 units in the Preliminary course** and a minimum of **10 units in the HSC course**. Both the Preliminary course and the HSC course must include the following:
  - at least 6 units from Board Developed Courses including at least 2 units of a Board Developed Course in English
  - at least three courses of 2 units value or greater
  - at least four subjects

At most 6 units of courses in Science can contribute to Higher School Certificate eligibility.

- The Board of Studies publication, *Studying for the New South Wales Higher School Certificate – An Information Booklet for Year 10 Students*, contains all the HSC rules and requirements you will need to know.
- If you wish to receive the **Universities Admission Index (UAI)**, you must study a **minimum of 10 Board Developed units** in the HSC Course. The booklet, *University Entry Requirements Year 10 Booklet*, published by UAC, available from the Library, will contain important information about entry to university courses, course prerequisites and other information to assist your choice of HSC courses for study in Years 11 and 12 in preparation for university entry.
- If you do not wish to receive a UAI, the rest of your courses may be made up from Board Endorsed Courses once you have studied six units from Board Developed Courses.

## ❖ ASSESSMENT AND REPORTING

- The new HSC reports will provide you with more detailed descriptions of the knowledge, skills and understanding you have attained in each subject.
- The new syllabuses, along with assessment and examination information and a performance scale that will be used to describe your level of achievement, give a clear idea of the standards that are expected.
- The HSC reports will provide a description of your achievements that is similar to the one you will receive in this year's School Certificate for the tests in English-literacy, Mathematics and Science.
- School-based assessment tasks will contribute to 50% of your HSC mark. Your school assessment mark will be based on your performance in assessment tasks you have undertaken during the course.
- The other 50% will come from the HSC examination.
- Your HSC mark for 2 unit courses will be reported on a scale of 0 to 100. A mark of 50 will represent the minimum standard expected. If you achieve the minimum standard expected in a course you will receive a mark of 50. There will be five performance bands above 50 that correspond to different levels of achievement in knowledge, skills and understanding. The band from 90 – 100 will correspond to the highest level of achievement.
- On satisfactory completion of your HSC you will receive a portfolio containing:

- The HSC Testamur

*(The official certificate confirming your achievement of all requirements for the award.)*

- The Record of Achievement

*(This document lists the courses you have studied and reports the marks and bands you have achieved.)*

- Course Reports

*For every HSC Board Developed Course you will receive a Course Report showing your marks, the Performance Scale and the band descriptions for that course. A graph showing the statewide distribution of marks in the course is also shown.)*

## ❖ NEW UAI (Universities Admission Index) RULES

### **Rule 1 – Eligibility for a UAI**

To be eligible for a UAI a student must complete at least **ten units** of Board Developed courses including at least **two units** of English. The Board Developed courses must include at least three courses of two units or greater, and at least four subjects.

### **Rule 2 – Calculation of the UAI.**

The UAI will be based on an aggregate of scaled marks in ten units of Board Developed Courses comprising:

- ◆ The best **two units** of English and
- ◆ The best **eight units** from the remaining units, subject to the provision that no more than two units of Category B courses be included.  
(see information on index page about categories of each subject)

<b>Course: Ancient History</b>	<b>Course No: 11020:</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<p><b>Course Description:</b> Ancient History involves the study of at least two of the following areas: Egypt, Near East, Greece and Rome in the HSC course. The Preliminary course is structured for students to investigate:</p> <ul style="list-style-type: none"> <li>• People, groups, events, institutions, societies and historical sites from the ancient world</li> <li>• Archaeological and written evidence and the methods used by historians and archaeologists.</li> </ul> <p>In the HSC course, students will use archaeological and written evidence to investigate a case study, an ancient society, personality and an historical period.</p>	
<p><b>Main Course Content</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• <b>Part I</b> <ul style="list-style-type: none"> <li>– Investigating the Past: History, Archaeology and Science: (20%)</li> <li>– Case Studies – at least one case study should be undertaken: (20%)</li> </ul> </li> <li>• <b>Part II</b> Ancient Societies, Sites and Sources – at least one study of ancient sites and sources should be undertaken. (60%)</li> <li>• <b>Part III</b> Historical Investigation – this will be integrated into the case studies and Societies, Sites and Sources work.</li> </ul> <p><b>HSC Course</b></p> <ul style="list-style-type: none"> <li>• <b>Part I:</b> Core: Cities of Vesuvius – Pompeii and Herculaneum: (25%)</li> <li>• <b>Part II:</b> One Ancient Society is to be studied. (25%)</li> <li>• <b>Part III:</b> One personality is to be studied: (25%)</li> <li>• <b>Part IV:</b> One Historical Period to be studied (25%)</li> </ul> <p>The HSC course requires study from at least 2 of the following areas: Egypt, Near East, Greece and Rome.</p>	

<b>Course: Biology</b>	<b>Course No: 11030</b>
2 units. Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Senior Science (Preliminary)
<b>Course Description:</b>	
<p>Biology is the study of living organisms, life processes &amp; interactions between organisms and their environment.</p> <p>The Preliminary course incorporates the study of the mechanisms and systems that living things use to obtain, transport and use 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.</p> <p>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 the inheritance of characteristics are transmitted from generation to generation. The options cover a wide variety of interest topics and draw on the development in technology to examine areas of current research.</p>	
<b>Main Topics Covered:</b>	
<p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• A Local Ecosystem</li> <li>• Patterns in Nature</li> <li>• Life on Earth</li> <li>• Evolution of Australian Biota</li> </ul> <p><b>HSC Course</b></p> <p><b>Core Topics</b></p> <ul style="list-style-type: none"> <li>• Maintaining a Balance</li> <li>• Blueprint of Life</li> <li>• The Search for Better Health</li> </ul> <p><b>One Option from the following:</b></p> <ul style="list-style-type: none"> <li>• Communication</li> <li>• Biotechnology</li> <li>• Genetics: The Code Broken?</li> <li>• The Human Story</li> <li>• Biochemistry</li> </ul>	
<b>Particular Course Requirements:</b>	
<p>The Preliminary course includes a field study related to local terrestrial and aquatic environments. Practical experiences should occupy a minimum of 80 indicative hours across Preliminary and HSC course time with no less than 35 hours in the HSC course.</p>	

<b>Course: Business Studies</b>	<b>Course No: 11040</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<b>Course Description:</b> 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.	
<b>Main topics Covered:</b>	
<b>Preliminary Course</b>	
<ul style="list-style-type: none"> <li>• Nature of Business (25%) – the nature and role of business</li> <li>• Key Business Functions (30%) – analysis of nature and role of key business functions</li> <li>• Establishing a Business (25%) – issues and steps in establishing and maintaining a business</li> <li>• Developing a Business Plan (20%) – the role of planning for success in business</li> </ul>	
<b>HSC Course</b>	
<ul style="list-style-type: none"> <li>• Business Management and Change (20%) – the nature and responsibilities of management</li> <li>• Financial Planning and Management (20%) – financial management for success in business</li> <li>• Marketing (20%) – the nature and role of marketing for business</li> <li>• Employment Relations (20%) – the nature of effective employment relations in business</li> <li>• Global Business (20%) – the implications of globalisation on business</li> </ul>	
<b>Particular Course Requirements:</b>	
In the Preliminary course there is a research project, investigating the operation of a small business or planning the establishment of a small business.	

<b>Course: Chemistry</b>	<b>Course No: 11050</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Senior Science (Preliminary)
<p><b>Course Description:</b> Chemistry is the study of the physical and chemical properties of substances, with a focus on substances and their interactions. Chemistry attempts to provide chemical explanations and to predict events at the atomic and molecular level.</p> <p>The Preliminary course develops a 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.</p> <p>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 type and effect of chemicals that have been released as a result of human technological activity and the way in which environmental problems could be reversed or minimised. The options cover a wide variety of interest topics and draw on the increased information and understandings provided by improved technology to examine areas of current research.</p>	
<p><b>Main Topics Covered:</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• The Chemical Earth</li> <li>• Metals</li> <li>• Water</li> <li>• Energy</li> </ul> <p><b>HSC Course</b> <b>Core Topics</b></p> <ul style="list-style-type: none"> <li>• Production of Materials</li> <li>• The Acidic Environment</li> <li>• Chemical Monitoring and Management</li> </ul> <p><b>One Option from the following:</b></p> <ul style="list-style-type: none"> <li>• Industrial Chemistry</li> <li>• The Biochemistry of Movement</li> <li>• Shipwrecks, Corrosion and Conservation</li> <li>• The Chemistry of Art</li> <li>• Forensic Chemistry</li> </ul>	
<p><b>Particular Course Requirements:</b> Practical experiences should occupy a minimum of 80 indicative hours across Preliminary and HSC course time, with no less than 35 hours in the HSC course.</p>	

<b>Course: Community and Family Studies : Course No: 11060</b>	
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<b>Course Description:</b> Community and Family Studies at Stage 6 is designed to develop in each student an understanding of the diverse nature and interdependence of families and communities, in relation to the changing nature of Australian society, with a view to enabling students to plan and manage resources effectively.	
<b>Main Topics Covered:</b>	
<p><b>Preliminary Course</b></p> <p><b>Resource Management</b></p> <ul style="list-style-type: none"> <li>• Basic concepts of the resource management process (approximately 20% of course time).</li> </ul> <p><b>Individuals and Groups</b></p> <ul style="list-style-type: none"> <li>• The individual's roles, relationships and tasks within groups (Approximately 40% of course time).</li> </ul> <p><b>Families and Communities</b></p> <ul style="list-style-type: none"> <li>• Family structures and functions and the interaction between family and community (approximately 40% of course time).</li> </ul> <p><b>HSC Course</b></p> <p><b>Research Methodology</b></p> <p>Research methodology and skills culminating in the production of an Independent Research Project (approximately 25% of course time).</p> <p><b>Groups in Context</b></p> <ul style="list-style-type: none"> <li>• The characteristics and needs of specific community groups (approximately 25% of course time).</li> </ul> <p><b>Parenting and Caring</b></p> <ul style="list-style-type: none"> <li>• Issues facing individuals and groups who adopt roles of parenting and caring in contemporary society (approximately 25% of course time).</li> </ul> <p><b>HSC Option Modules</b> (Select one of the following (approximately 25% of course time):</p> <p><b>Family and Societal Interactions</b></p> <ul style="list-style-type: none"> <li>• Government and community structures that support and protect family members throughout their lifespan.</li> </ul> <p><b>Social Impact of Technology</b></p> <ul style="list-style-type: none"> <li>• The impact of evolving technologies on individuals and lifestyle.</li> </ul> <p><b>Individuals and Work</b></p> <ul style="list-style-type: none"> <li>• Contemporary issues confronting individuals as they manage roles within both their family and work environments.</li> </ul>	
<b>Particular Course Requirements:</b> 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.	
<b>Fee:</b> Nil	

<b>Course: Design &amp; Technology:</b>	<b>Course No: 11080</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<p><b>Course Description:</b> Students study design processes, design theory and factors in relation to design projects. In the <b>Preliminary course</b> students study designing and producing which includes the completion of at least two design projects.</p> <p>In the <b>HSC course</b> students undertake a study of innovation and emerging technologies which includes a case study of an innovation. They also study designing and producing which includes the completion of a Major Design Project.</p>	
<p><b>Main Topics Covered:</b></p> <p><b>Preliminary Course</b> Designing and Producing including the study of design theory, design processes, creativity, collaborative design, research, management, using resources, communication, manufacturing and production, computer-based technologies, safety, evaluation, environmental issues, analysis, marketing and manipulation of materials, tools and techniques.</p> <p><b>HSC Course</b> Innovation and Emerging Technologies including a case study of innovation. The study of designing and producing includes a Major Design Project. The project folio includes a project proposal and management, project development and realisation, and project evaluation.</p>	
<p><b>Particular Course Requirements:</b> In the Preliminary course, students must participate in hands-on practical activities. In the HSC course, the comprehensive study of designing and producing that were studied in the Preliminary course are synthesised and applied. This culminates in the development and realisation of a major design project (MDP) and the presentation of a case study. This MDP is due in August and the deadline for completion is set by the Board of Studies and is not moveable.</p> <p><b>Fee:</b> \$25 plus cost of project materials.</p>	

<b>Course: Drama</b>	<b>Course No: 11090</b>
2 units Board Developed Course <b>Exclusions:</b> projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<p><b>Course Description:</b> Students study the practices of Making, Performing and Critically Studying in Drama. Students engage with these components through collaborative and individual experiences. <b>Preliminary course</b> content comprises an interaction between the components of Improvisation, Playbuilding and Acting, Elements of Production in Performance and Theatrical Traditions and Performance Styles. Learning is experiential in these areas. <b>HSC Course content</b> Australian Drama and Theatre and Studies in Drama and Theatre involves 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 of between 3 and 6 students, involves creating a piece of original theatre (8 to 12 minutes duration). It provides opportunity for each student to demonstrate his or her performance skills. For <b>the Individual Project</b> students demonstrate their expertise in a particular area. They choose one project from Critical Analysis <b>or</b> Design <b>or</b> Performance <b>or</b> Script-writing <b>or</b> Video Drama.</p>	
<p><b>Main Topics Covered:</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• Improvisation, Playbuilding, Acting</li> <li>• Elements of Production in Performance</li> <li>• Theatrical Traditions and Performance Styles</li> </ul> <p><b>HSC Course</b></p> <ul style="list-style-type: none"> <li>• Australian Drama and Theatre (Core content)</li> <li>• Studies in Drama and Theatre</li> <li>• Group Performance (Core content)</li> <li>• Individual Project</li> </ul>	
<p><b>Particular Course Requirements:</b> 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, a published topic list 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 should base their work on one of the texts listed in the published text list. This list changes every two 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.</p>	

<b>Course: Earth and Environmental Science</b>	<b>Course No: 11100</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Senior Science (Preliminary)
<p><b>Course Description:</b> Earth and Environmental Science is the study of the planet Earth, its processes and its environment.</p> <p>The Preliminary course develops a knowledge of the physical and chemical features of the environment, the available resources and human impact on Australian environments and the interplay between the internal and external forces that constantly shape the Earth. It increases students' understanding of these concepts by focusing on the unique nature of the Australian continent, its geology and environments and, in particular, the local environment and the effect of human impact on it.</p> <p>The HSC course builds upon the Preliminary course. It examines the geological, physical and chemical evidence related to the evolution of Australia over time, current pressures and the effects on the Australian environment, and the indicators of environmental ill-health. The options cover a wide variety of interest areas and draw on increased information and understanding provided by improved technology to examine areas of current research.</p>	
<p><b>Main Topics Covered:</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• Planet Earth and Environment – a five thousand million year journey</li> <li>• The Local Environment</li> <li>• Water Issues</li> <li>• Dynamic Earth</li> </ul> <p><b>HSC Course</b></p> <p><b>Core Topics</b></p> <ul style="list-style-type: none"> <li>• Tectonic impacts</li> <li>• Environments through time</li> <li>• Caring for the country</li> </ul> <p><b>1 Option from the following:</b></p> <ul style="list-style-type: none"> <li>• Organic Geology – a non-renewable resource</li> <li>• Mining and the Australian environment</li> <li>• Introduced Species and the Australian environment</li> <li>• Oceanography</li> </ul>	
<p><b>Particular Course Requirements:</b> The Preliminary course includes field experience in the identification of landforms, rocks and soil types as well as how biological factors interact to form the local environment. Practical experiences should occupy a minimum of 80 indicative hours across Preliminary and HSC course time with no less than 35 hours in the HSC course.</p>	

<b>Course: Economics</b>	<b>Course No: 11110</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<b>Course Description:</b> Economics provides an 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.	
<b>Main Topics Covered:</b>	
<b>Preliminary Course</b>	
<ul style="list-style-type: none"> <li>• Introduction to Economics (10%) – the nature of economics and the operation of an economy</li> <li>• Consumers and Business (10%) – the role of consumers and business in the economy</li> <li>• Markets (20%) – the role of markets, demand, supply and competition</li> <li>• Labour Markets – (20%) the workforce and role of labour in the economy</li> <li>• Financial Markets (20%) – the financial market in Australia including the share market</li> <li>• Government in the Economy – (20%) the role of government in the Australian economy</li> </ul>	
<b>HSC Course</b>	
<ul style="list-style-type: none"> <li>• The Global Economy (25%) – Features of the global economy and globalisation</li> <li>• Australia's Place in the Global Economy (25%) – Australia's trade and finance</li> <li>• Economic Issues (25%) – issues including growth, unemployment, inflation, wealth and management.</li> <li>• Economic Policies and Management (25%) – the range of policies to manage the economy</li> </ul>	

<b>Course: Engineering Studies</b>	<b>Course No: 11120</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<b>Course Description:</b> Both Preliminary and HSC Courses offer students knowledge, understanding and skills in aspects of engineering that include communication, engineering mechanics/hydraulics, engineering materials, historical/societal influences, engineering electricity/electronics, and the scope of the profession. Students study engineering by investigating a range of applications and fields of engineering.	
<b>Main Topics Covered:</b>	
<b>Preliminary Course</b> Students undertake the study and develop an engineering report for each of 5 modules: <ul style="list-style-type: none"> <li>• three application modules (based on engineered products). At least one product is studied from each of the following categories: household appliances; landscape products; and braking systems;</li> <li>• one focus module relating to the field of Bio-Engineering;</li> <li>• one elective module.</li> </ul>	
<b>HSC Course</b> Students undertake the study and develop an engineering report for each of 5 modules: <ul style="list-style-type: none"> <li>• three application modules (based on engineered products). At least one product is studied from each of the following categories: Civil structures; Personal and public transport; Lifting devices.</li> <li>• two focus modules relating to the fields of Aeronautical Engineering and Telecommunications Engineering.</li> </ul>	
<b>Particular Course Requirements:</b> Students develop an engineering report for each module studied. At least one report in each of the Preliminary and the HSC courses must be the result of collaborative work.	
<b>Fee:</b> \$15	

<b>Course: English Standard</b>	<b>Course No: 11130</b>
2 units for Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> English Advanced; English as a Second Language; Extension
<b>Course Description:</b> <ul style="list-style-type: none"> <li>In the <b>Preliminary English (Standard)</b> course students explore the ways events, experiences, ideas and processes are represented in and through texts.</li> <li>In the <b>HSC English (Standard) course</b> students reflect on and demonstrate the effectiveness of texts for different audiences and purposes.</li> </ul>	
<b>Main Topics Covered:</b> <b>Preliminary Course</b> The course has two sections: <ul style="list-style-type: none"> <li>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.</li> <li>Electives in which students explore and examine texts and analyse aspects of meaning. The Electives comprise 60% of the Content.</li> </ul> <b>HSC Course</b> The course has two sections: <ul style="list-style-type: none"> <li>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.</li> <li>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 the Modules.</li> </ul>	
<b>Particular Course Requirements:</b> <b>In the Preliminary English (Standard) course</b> students are required to: <ul style="list-style-type: none"> <li>study Australian and other texts</li> <li>explore a range of types of text drawn from prose fiction, drama, poetry, nonfiction, film, media and/or multimedia texts.</li> <li>undertake wide reading programs involving texts and textual forms composed in and for a wide variety of contexts</li> <li>integrate the modes of reading, writing, listening, speaking, viewing and representing as appropriate</li> <li>engage in the integrated study of language and text</li> </ul> <b>HSC English (Standard) course requires:</b> <ul style="list-style-type: none"> <li>the close study of at least <b>four types of prescribed text</b>, one drawn from <b>each</b> of the following categories: prose fiction; drama; poetry; nonfiction, film, media <b>or</b> multimedia.</li> <li>a wide range of additional related texts and textual forms.</li> </ul> <p>Standard English is the minimum requirement for students to complete the H.S.C. in NSW. For those students who need to develop their basic skills, it is <b>HIGHLY RECOMMENDED</b> that they also enrol in the 2 unit Fundamentals of English Course. One unit to be studied in Year 11 and one unit in Year 12.</p>	

<b>Course: English Advanced</b>	<b>Course No: 11140</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> English Standard; Fundamentals of English; ESL
<p><b>Course Description:</b>          In the <b>Preliminary English (Advanced) course</b> students explore the ways events, experiences, ideas, values and processes are represented in and through texts and analyse the ways in which texts reflect different attitudes and values.          In the <b>HSC English (Advanced) course</b> students analyse and evaluate texts and the ways they are valued in their contexts.</p>	
<p><b>Main Topics Covered:</b>  <b>Preliminary Course :</b> The course has two sections</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Electives in which students explore, examine and analyse texts and analyse aspects of shaping meaning and the ways in which texts and contexts shape and are shaped by different attitudes and values. The Electives comprise 60% of the Content.</li> </ul> <p><b>HSC Course :</b> The course has two sections:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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 or C.</li> </ul>	
<p><b>Particular Course Requirements:</b>  <b>Preliminary English (Advanced) course</b> requires:</p> <ul style="list-style-type: none"> <li>• study of Australian and other texts</li> <li>• exploration of a range of types of text drawn from prose fiction, drama, poetry, nonfiction, film, media and/or multimedia texts.</li> <li>• wide reading programs involving texts and textual forms composed in and for a wide variety of contexts</li> <li>• integration of the modes: reading, writing, listening, speaking, and viewing and representing as appropriate</li> <li>• engagement in the integrated study of language and text</li> </ul> <p><b>HSC English (Advanced) course</b> requires:</p> <ul style="list-style-type: none"> <li>• the close study of at least <b>five</b> types of prescribed text, one drawn from <b>each</b> of the following categories: Shakespearian drama; prose fiction; drama <b>or</b> film; poetry; nonfiction <b>or</b> media <b>or</b> multimedia texts.</li> <li>• a wide range of additional related texts and textual forms.</li> </ul> <p>Students studying this course should have a special interest in English and an above average ability. It should be noted that inclusion in this class is NOT exclusively the preserve of 10E1. It is, however, recommended to them. Students should consult their English teachers before selecting this course.</p>	

<b>Course: English Fundamentals</b>	<b>Course No: 11171</b>
1 unit <b>Preliminary</b> course of study. (One unit in yr 11 OR one unit in yr. 12)	
Board Developed Course	<b>UAI accredited:</b> No
<b>Exclusions:</b> English (Advanced); English extension	
<b>Course Description:</b>	
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.	
<b>Main Topics Covered:</b>	
<b>Fundamentals of English Course</b>	
Students undertake:	
<ul style="list-style-type: none"> <li>• Module A – Approaches to Area of Study in English (Compulsory)</li> </ul> and up to four additional Modules chosen from: <ul style="list-style-type: none"> <li>• Module B: Oral Communication Skills</li> <li>• Module C: Writing for Study</li> <li>• Module D: Research Skills</li> <li>• Module E: Workplace Communication.</li> </ul>	
<b>Particular Course Requirements:</b>	
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.	
Standard English students who <u>wish</u> to improve their overall English mark should seriously consider undertaking this course. It will be studied as a one unit course in Year 11 and one unit in Year 12.	

<b>Course: English as a Second Language</b>		<b>Course No 11160</b>	
2 units for each of Preliminary and HSC Board Developed Course		<b>Exclusions:</b> English (Standard); English(Advanced); English (Extension); Mass Media Studies.	
Eligibility rules apply. Please ask your teacher to check the Stage 6 English syllabus			
<b>Course Description:</b>			
<ul style="list-style-type: none"> <li>In the Preliminary English (ESL) course, students acquire and develop specific English language skills, knowledge and understanding in the context of an understanding of the ways ideas and processes are represented in texts.</li> <li>In the HSC English (ESL) course, students reinforce and extend their language skills, and develop and apply skills in synthesis.</li> </ul>			
<b>Main Topics Covered:</b>			
<b>Preliminary Course</b> – The course has two sections:			
<ul style="list-style-type: none"> <li>Language Study within Areas of Study, which is undertaken through units of work called Areas of Study. Students acquire and develop their specific English language skills, knowledge and understanding through exploration of a concept represented in texts. The Area of Study comprises 60% of the content.</li> <li>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.</li> </ul>			
<b>HSC Course</b> – The course has two sections:			
<ul style="list-style-type: none"> <li>Language Study within an Area of Study where students reinforce and extend their language skills. This section consists of one prescribed Area of Study. The Area of Study comprises 50% of the content.</li> <li>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.</li> </ul>			
<b>Particular Course Requirements:</b>			
<b>Preliminary English (ESL) course</b> requires:			
<ul style="list-style-type: none"> <li>Study of Australian and other texts</li> <li>Exploration of a range of types of text drawn from the categories: prose fiction; drama; poetry; nonfiction, film, media and/or multimedia texts</li> <li>Wide reading programs involving texts and textual forms composed in and for a wide variety of contexts</li> <li>Integration of the modes: reading, writing, listening, speaking, and viewing and representing as appropriate</li> <li>Engagement in the integrated study of language and text</li> </ul>			
<b>HSC English (ESL) course</b> requires:			
<ul style="list-style-type: none"> <li>The study of at least three types of text drawn from the categories of: prose fiction; drama; poetry; nonfiction; film OR media OR multimedia texts</li> <li>a wide range of additional related texts and textual forms.</li> </ul>			
<b>Assessment: HSC Course only</b>			
<b>External Assessment</b>	<b>Weighting</b>	<b>Internal Assessment</b>	<b>Weighting</b>
An examination consisting of two written papers and a listening paper	45	Language Study Within an Area of Study Module A Module B	50  25 25
<b>Paper 1 (1 ½ hours)</b> Area of Study (Common course content)			100
<b>Paper 2 (1 hour)</b> Module A Module B		20 20	<b>Assessment across the language modes:</b> <ul style="list-style-type: none"> <li>Listening</li> <li>Speaking</li> <li>Reading</li> <li>Writing</li> <li>Viewing and representing</li> </ul>
<b>Listening Paper (½ hr)</b>	15		
	100		100

<b>Courses: Preliminary English Extension</b>	
HSC English Extension 1	<b>Course No: 11150</b>
HSC English Extension 2 (HSC year only)	<b>Course No: 15170</b> <b>UAI accredited: Yes</b>
Board Developed Course	
1 unit of study for each of Preliminary and HSC	
<b>Prerequisites:</b>	(a) English (Advanced) course (b) Preliminary English Extension Course is prerequisite for Extension Course 1. (c) Extension Course 1 is prerequisite for Extension Course 2.
<b>Exclusions:</b>	English (Standard) Course; Fundamentals of English; ESL
<b>Course Description:</b>	
<ul style="list-style-type: none"> <li>• 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.</li> <li>• In the HSC English (Extension) course 1 students explore ideas of value and consider how cultural values and systems of valuation arise.</li> <li>• In the HSC English (Extension) Course 2, students develop a sustained composition and document their reflection on this process.</li> </ul>	
<b>Main Topics Covered:</b>	
<b>Preliminary Extension Course</b>	
The course has one mandatory section, Module: Texts, Culture and Value	
<b>HSC Extension Course 1</b>	
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.	
<b>HSC Extension Course 2</b>	
The course requires students to complete a Major Work	
<b>Particular Course Requirements:</b>	
<b>Preliminary English (Extension) course</b> requires students 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.	
<b>The HSC English (Extension) course 1</b> requires the study of prescribed texts (as outlined in the support document, HSC English Texts and Electives 2009, 2012).	
<b>The HSC English (Extension) course 2</b> requires completion of a Major Work and a statement of reflection.	
This course is ONLY open to students studying Advanced English and who enjoy studying English at a higher level. As this rewarding but challenging course is always timetabled outside school hours, it requires a higher level of commitment and dedication from students. This course is especially useful for students interested in studying tertiary English, Law and Business courses.	

<b>Course: Food Technology</b>	<b>Course No: 11180</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<b>Course Description:</b> Students will develop knowledge and understanding about the production, processing and consumption of food, the nature of food and human nutrition and an appreciation of the importance of food to health and its impact on society. Skills will be developed in researching, analysing and communicating food issues, food preparation, and the design, implementation and evaluation of solutions to food situations.	
<b>Main Topics Covered:</b>	
<p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• Food Availability and Selection (30%)</li> <li>• Food Quality (40%)</li> <li>• Nutrition (30%)</li> </ul> <p><b>HSC Course</b></p> <ul style="list-style-type: none"> <li>• The Australian Food Industry (15%)</li> <li>• Food Manufacture (30%)</li> <li>• Food Product Development (30%)</li> <li>• Options – Contemporary Food Issues in Nutrition (25%) <b>or</b> Contemporary Food Issues in the Marketplace (25%)</li> </ul>	
<b>Particular Course Requirements:</b>	
<ul style="list-style-type: none"> <li>• 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.</li> <li>• In order to meet the course requirements students must <b>learn about</b> food availability and selection, food quality, nutrition, the Australian food industry, food manufacture, food product development and contemporary food issues.</li> </ul> <p>It is a mandatory requirement that students undertake practical activities. For participation in these lessons, students will require:</p> <ul style="list-style-type: none"> <li>❖ Fully enclosed, sturdy leather shoes</li> <li>❖ Apron</li> <li>❖ Tea towel</li> <li>❖ Dish cloth</li> <li>❖ Table setting</li> </ul>	
<b>Fee:</b> \$40	

<b>Course: Geography</b>	<b>Course No: 11190</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes Category B <b>Exclusions:</b> Nil
<b>Course Description:</b>	
<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	
<b>Main Topics Covered:</b>	
<p><b>Preliminary Course</b>  Biophysical Interactions (45%) – how biophysical processes contribute to sustainable management  Global Challenges (45%) – geographical study of issues at a global scale.  Senior Geography Project (15%) – a geographical study of student's own choosing</p>	
<p><b>HSC Course</b>  Ecosystems at Risk (33%) – the functioning of ecosystems, their management and protection  Urban Places (33%) – study of cities and urban dynamics  People and Economic Activity (33%) – geographic study of economic activity at a local and global context</p>	
<b>Key concepts incorporated across all topics:</b> change, environment, sustainability, spatial and ecological dimensions, interaction, technology, spatial justice, management and cultural integration.	
<b>Particular Course Requirements:</b>	
Students complete a senior geography project (SGP) in the Preliminary course and must undertake 10 hours of fieldwork in both the Preliminary and HSC courses. Students will be required to submit both oral and written geographic reports.	

**Course: Information Processes and Technology Course No: 11210**

2 units

**UAI accredited:** Yes

Board Developed Course

**Exclusions:** Nil

**Course Description:**

Information Processes and Technology is the study of computer based information systems. It focuses on information processes performed by these systems and the information technology that allows them to take place. Social, ethical and non-computer procedures resulting from the processes are considered. Different types of information systems are studied. Through project work, students will create their own information system to meet an identified need.

**Main topics covered:**

**Preliminary Course: Introduction to Information skills and Systems (20%)**

- Information Systems in Context
- Information Processes
- Digital Representation of Data
- Classification of Information Systems
- Social and Ethical Issues

**Tools for Information processes (40%)**

- Collecting
- Organising
- Analysing
- Storing and Retrieving
- Processing
- Transmitting and Receiving
- Displaying

**Planning, Design and Implementation (20%)**

- Understanding the Problem to be Solved
- Making Decisions
- Designing Solutions
- Implementing
- Testing, Evaluating and Maintaining
- Social and Ethical Issues

**Personal and Groups Systems and Projects (20%)**

- Personal Information Systems
- Group Information Systems

**HSC Course**

**Project(s) (20%)**

- Understanding the Problem
- Making Decisions
- Designing Solutions
- Project Management
- Social and Ethical Design
- Implementing
- Testing, Evaluating and Maintaining

**Information Systems and Databases (20%)**

- Information systems
- Examples of Database Information Systems
- Organisation Methods
- Storage and Retrieval
- Other Information Processes
- Issues related to Information Systems

**Communication Systems (20%)**

- Characteristics of Communication Systems
- Examples of Communication Systems
- Transmitting and Receiving in Communication Systems
- Other Information Processes in Communication Systems
- Issues Related to Communication Systems

**Option Strands (40%)**

Students will select two of the following options:

- Transaction Processing Systems
- Decision Support Systems
- Automated Manufacturing Systems
- Multimedia Systems

**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.

**Fee:** \$40



<b>Course: Mathematics General</b>	<b>Course No: 11230</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes
<b>Prerequisites:</b> The course is constructed on the assumption that students have achieved the outcomes of the Standard course in Mathematics for the School Certificate, together with the recommended options: <i>Trigonometry</i> and <i>Further Algebra</i> .	
<b>Exclusions:</b> Other Stage 6 Mathematics courses.	
<b>Course Description:</b> General Mathematics focuses on mathematical skills and techniques, which have direct application to everyday activity. The course content is written in five areas of study, with an emphasis on application of specific skills and on tasks that involve integrating mathematical skills and techniques across a range of familiar and unfamiliar situations. These tasks may draw from more than one area of study, and encourage transfer of knowledge across the entire course, as well as linking with study in other Stage 6 subjects. The course is fully prescribed, and is designed to support TAFE and other vocational courses. It provides an appropriate mathematical background for students who do not wish to pursue the formal study of mathematics at tertiary level, while giving a strong foundation for university study in the areas of business, humanities, nursing and paramedical sciences.	
<b>Main Topics Covered:</b>	
<b>Preliminary Course</b>	
<ul style="list-style-type: none"> <li>• Financial mathematics</li> <li>• Data analysis</li> <li>• Measurement</li> <li>• Probability</li> <li>• Algebraic modelling</li> </ul>	
<b>HSC Course</b>	
<ul style="list-style-type: none"> <li>• Financial mathematics</li> <li>• Data analysis</li> <li>• Measurement</li> <li>• Probability</li> <li>• Algebraic modelling</li> </ul>	
<b>Equipment</b>	
Scientific calculator	

<b>Course: Mathematics</b>	<b>Course No: 11240</b>
2 units Board developed Course <b>Prerequisites:</b> The course is constructed on the assumption that students have achieved the outcomes in the core of the Intermediate Mathematics course for the School Certificate, along with the recommended options.	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Mathematics General
<b>Course Description:</b> 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.	
<b>Main Topics Covered:</b>  <b>Preliminary Course</b> <ul style="list-style-type: none"> <li>• Basic arithmetic and algebra</li> <li>• Real functions</li> <li>• Trigonometric ratios</li> <li>• Linear functions</li> <li>• The quadratic polynomial and the parabola</li> <li>• Plane geometry</li> <li>• Tangent to a curve and derivative of a function</li> </ul> <b>HSC Course:</b> <ul style="list-style-type: none"> <li>• Coordinate methods in geometry</li> <li>• Applications of geometrical properties</li> <li>• Geometrical applications of differentiation</li> <li>• Integration</li> <li>• Trigonometric functions</li> <li>• Logarithmic and exponential functions</li> <li>• Applications of calculus to the physical world</li> <li>• Probability</li> <li>• Series and Series applications</li> </ul> <b>Equipment</b> Scientific calculator	

<b>Course: Mathematics Extension 1</b>	<b>Course No: 11250</b>
1 unit Preliminary (“ <i>Preliminary Mathematics Extension</i> ”) and HSC Board developed Course	<b>UAI accredited:</b> Yes
<b>Prerequisites:</b> The course is constructed on the assumption that students have achieved the outcomes in the core of the Advanced Mathematics course for the School Certificate, along with the recommended options.	<b>Exclusions:</b> Mathematics General
<p><b>Course Description:</b> 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 who 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.</p>	
<p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• Other inequalities</li> <li>• Further geometry</li> <li>• Further trigonometry</li> <li>• Angles between two lines</li> <li>• Internal and external division of lines into given ratios</li> <li>• Parametric representation</li> <li>• Permutations and combinations</li> <li>• Polynomials</li> <li>• Harder applications of the Preliminary Mathematics course</li> </ul> <p><b>HSC Course</b></p> <ul style="list-style-type: none"> <li>• Methods of integration</li> <li>• Primitive of <math>\sin^2 x</math> and <math>\cos^2 x</math></li> <li>• Equation <math>\frac{dN}{dt} = k(N - P)</math></li> <li>• Velocity and acceleration as a function of <math>x</math></li> <li>• Projectile motion</li> <li>• Simple harmonic motion</li> <li>• Inverse functions and inverse trigonometric functions</li> <li>• Induction</li> <li>• Binomial theorem</li> <li>• Further probability</li> <li>• Iterative methods for numerical estimation of the roots of a polynomial equation</li> <li>• Harder applications of HSC Mathematics topics</li> </ul> <p><b>Equipment</b> Scientific calculator</p>	

<b>Course: Mathematics Extension 2</b>	<b>Course No: 15260</b>
1 unit additional to the 3 unit course, for the HSC year only. Board developed Course <b>Prerequisites:</b> The syllabus is designed for students with a special interest in mathematics who have shown that they possess special aptitude for the subject.	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Mathematics General
<b>Course Description:</b> 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.	
<b>Main Topics Covered:</b> <ul style="list-style-type: none"> <li>• Graphs</li> <li>• Complex Numbers</li> <li>• Conics</li> <li>• Integration</li> <li>• Volumes</li> <li>• Mechanics</li> <li>• Polynomials</li> <li>• Harder Extension 1 Topics</li> </ul> <b>Equipment</b> Scientific calculator	

<b>Course: Modern History</b>	<b>Course No: 11270</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<p><b>Course Description:</b> The Preliminary course is designed to provide students with opportunities to investigate individuals, groups, events, institutions, societies and ideas in a range of historical contexts, as a background for their more specialised HSC studies.</p> <p>The HSC course is designed for students to investigate national and international forces for change and continuity in the 20<sup>th</sup> century through three major studies.</p>	
<p><b>Main Topics Covered;</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• Part I: 3 x Depth Studies (80%)</li> <li>• Part II: Core Study (20%)</li> </ul> <p>The World at the Beginning of the 20<sup>th</sup> Century.</p> <p><b>HSC Course</b></p> <ul style="list-style-type: none"> <li>• Part I: Core Study (30%) World War 1 and its Aftermath, 1914 –1921</li> <li>• Part II: National Study and Personality (40%) Students are to choose ONE from the following: <ul style="list-style-type: none"> <li>– USA</li> <li>– Japan</li> <li>– China</li> <li>– Russia/Soviet Union</li> <li>– Germany</li> <li>– India</li> <li>– Indonesia</li> <li>– Australia</li> </ul> </li> <li>• Part III: International Studies in Peace and Conflict (30%) Students are to choose ONE from: <ul style="list-style-type: none"> <li>– The Pacific War</li> <li>– Cold War</li> <li>– The United Nations as Peacekeeper</li> <li>– Conflict in South Africa</li> <li>– Arab-Israel Conflict</li> <li>– Conflict in Indochina</li> <li>– Anglo-Irish Relations</li> </ul> </li> </ul>	
<p><b>Particular Course Requirements:</b> The Preliminary course is a prerequisite for the HSC course.</p>	

<b>Course: History Extension</b>	<b>Course No: 15280</b>
1 unit for HSC year only – can be taken with Modern OR Ancient History.	<b>UAI accredited:</b> Yes
Board Developed Course	<b>Exclusions:</b> Nil
<b>Course Description:</b>	
HSC History Extension involves the study and evaluation of the ideas and processes used by historians to produce history. In Part 1 of the course, students investigate the question ‘What is history?’ through readings compiled in a source book and through one case study. In Part II, students design, undertake and communicate their own personal historical inquiry.	
<b>Main Topics Covered</b>	
<ul style="list-style-type: none"> <li>● <b>Part I: What is History?</b> (60% of course time) <ul style="list-style-type: none"> <li>Key questions: <ul style="list-style-type: none"> <li>- Who are the historians?</li> <li>- What are the aims and purposes of history?</li> <li>- How has history been constructed and recorded over time?</li> <li>- Why have the approaches to history changed over time?</li> </ul> </li> <li>Students will investigate <b>one</b> case study from a selection of ancient, medieval and early modern, modern and Australian options. For example, the career of John F. Kennedy.</li> </ul> </li> <li>● <b>Part II: History Project</b> (40% of course time) <ul style="list-style-type: none"> <li>An original piece of historical investigation by the student which includes a Proposal, Essay, Bibliography and Process Log.</li> </ul> </li> </ul>	
<b>Particular Course Requirements:</b>	
A Preliminary course in Modern or Ancient History is a prerequisite for the HSC History Extension course.	
Students must be studying concurrently, or have completed, the HSC course in Ancient History and/or Modern History.	

<b>Course: Music 1</b>	<b>Course No: 11280</b>
2 units Board Developed Course <b>Prerequisites:</b> Music mandatory course (or equivalent)	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Music 2
<b>Course Description:</b> In the Preliminary and HSC courses, students will study: the concepts of music through learning experiences in performance, composition, musicology and aural within the context of a range of styles, periods and genres.	
<b>Main Topics Covered:</b> Students study three topics in each year of the course. Topics are chosen from a list of 21 which cover a range of styles, periods and genres.	
<b>Particular course requirements:</b> <b>HSC course</b> 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.  <b>Cost:</b> Preliminary \$40, HSC \$40  It is also recommended that students obtain individual practical musical tuition outside of school.	

<b>Course: Personal Development Health and Physical Education</b>	
2 units Board Developed Course	<b>Course No: 11300</b> <b>UAI accredited: Yes</b> <b>Exclusions: Nil</b>
<p><b>Course Description:</b> 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.</p> <p>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.</p>	
<p><b>Main Topics Covered:</b></p> <p><b>Preliminary Course</b> <b>Core Topics (70%)</b></p> <ul style="list-style-type: none"> <li>● Meanings of Health and Physical Activity</li> <li>● Better Health for Individuals</li> <li>● The Body in Motion</li> </ul> <p><b>Optional Components (30%)</b> Students to select two options each from</p> <ul style="list-style-type: none"> <li>● First Aid</li> <li>● Composition and Performance</li> <li>● Fitness Choices</li> <li>● Outdoor Recreation</li> </ul> <p><b>HSC Course</b> <b>Core Topics (60%)</b></p> <ul style="list-style-type: none"> <li>● Health Priorities in Australia</li> <li>● Factors Affecting Performance</li> </ul> <p><b>Optional Component (40%)</b> Students to select two options each from</p> <ul style="list-style-type: none"> <li>● The Health of Young People</li> <li>● Sport and Physical Activity in Australian Society</li> <li>● Sports Medicine</li> <li>● Improving Performance</li> <li>● Equity and Health</li> </ul>	
<p><b>Particular Course Requirements:</b> In addition to core studies students select two options in each of the Preliminary and HSC courses</p>	

<b>Course: Physics</b>	<b>Course No: 11310</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Senior Science (Preliminary)
<p><b>Course Description:</b> Physics investigates natural phenomena and identifies patterns and applies in a wide range of interesting contexts, models, principles and laws to explain their behaviour.</p> <p>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.</p> <p>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, by focusing on space flight, motors and generators and the scientific advances involved in the development of semi-conductors and electronics.</p>	
<p><b>Main Topics Covered:</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• The World Communicates</li> <li>• Electrical Energy in the Home</li> <li>• Moving About</li> <li>• The Cosmic Engine</li> </ul> <p><b>HSC Course</b></p> <p><b>Core Topics</b></p> <ul style="list-style-type: none"> <li>• Space</li> <li>• Motors &amp; Generators</li> <li>• From Ideas to Implementation</li> </ul> <p><b>One Option from the following:</b></p> <ul style="list-style-type: none"> <li>• Geophysics</li> <li>• Medical Physics</li> <li>• Astrophysics</li> <li>• From Quantum to Quarks</li> <li>• The Age of Silicon</li> <li>•</li> </ul>	
<p><b>Particular Course Requirements:</b> Practical experiences should occupy a minimum of 80 indicative hours across Preliminary and HSC course time.</p>	

<b>Course: Senior Science</b>	<b>Course No: 11320</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Preliminary courses in Biology, Chemistry, Earth and Environmental Science and Physics
<p><b>Course Description:</b> The Preliminary course incorporates study of the collection, storage and conservation of water resources, the structure and function of plants with an emphasis on Australian native plants and aspects of human anatomy. It discusses issues associated with the protection of the body in the workplace and the interactions between organisms in local ecosystems.</p> <p>The HSC course examines the range and importance of biological molecules found in humans and other organisms, the physical and chemical properties of chemicals used by people on and in their bodies and information systems.</p> <p>The Senior Science course caters for students requiring a broad over view across all disciplines of science and focuses on encouraging them to become scientifically literate citizens. The course emphasises skill development and is particularly suited to students who have achieved Elementary to Substantial Achievement in the School Certificate in Science. In the HSC study pattern students who have completed the Preliminary course in Biology, Chemistry, Earth and Environment Science or Physics and who discontinue that course may replace it with the HSC course in Senior Science. These students may study HSC Senior Science in combination with the HSC course in Biology, Chemistry, Earth and Environmental Science or Physics.</p>	
<p><b>Main Topics Covered:</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• Water for Living</li> <li>• Plants</li> <li>• Humans at Work</li> <li>• The Local Environment</li> </ul> <p><b>HSC Course</b> <b>Core Topics</b></p> <ul style="list-style-type: none"> <li>• Lifestyle Chemistry</li> <li>• Medical Technology – Bionics</li> <li>• Information Systems</li> </ul> <p><b>One option from the following:</b></p> <ul style="list-style-type: none"> <li>• Preservatives and Additives</li> <li>• Polymers</li> <li>• Pharmaceuticals</li> <li>• Space Science</li> <li>• Disasters</li> </ul>	
<p><b>Particular Course Requirements:</b> The Preliminary course includes field experience in the identification of soil types as well as how biological factors interact to form the local environment. Practical experiences should occupy a minimum of 80 indicative hours across Preliminary and HSC course time.</p>	

<b>Course: Society and Culture</b>	<b>Course No: 11330</b>
2 units Board Developed Course	<b>UAI accredited:</b> Yes <b>Exclusions:</b> Nil
<p><b>Course Description:</b> 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.</p> <p>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.</p>	
<p><b>Main topics Covered:</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• The Social and Cultural World (20%) – the interaction between aspects of society and cultures</li> <li>• Personal and Social Identity (40%) – socialisation &amp; coming of age in a variety of social and cultural settings.</li> <li>• Intercultural Communication (40%) – how people in different cultures interact and communicate</li> </ul> <p><b>HSC Course</b></p> <p><b>Core</b></p> <ul style="list-style-type: none"> <li>• Social and Cultural Continuity and Change (30%) – the nature, continuity and change, research and study of a selected country</li> <li>• The Personal Interest Project (30%) - an individual research project</li> </ul> <p><b>Depth Studies (40%)</b> Two to be chosen from:</p> <ul style="list-style-type: none"> <li>• Popular Culture – the interconnection between individuals and popular culture</li> <li>• Belief Systems – role of belief systems in societies, cultures and personal life</li> <li>• Equality and Difference – the nature of equality and difference in societies and cultures <ul style="list-style-type: none"> <li>• Work and Leisure – the nature and role of work and leisure in society</li> </ul> </li> </ul>	
<b>Particular Course Requirements:</b> Completion of personal Interest Project	

<b>Course: Studies of Religion II</b>	<b>Course No: 11360</b>
2 units Board Developed Course	<b>UAI accredited: Yes</b> <b>Exclusions:</b> Studies of Religion I
<b>Course Description:</b> If you are interested in Religion and how its beliefs, traditions and practices effect our society then you will enjoy this subject. This course is not just for people who are very religious but rather for those who wish to understand one of the driving forces in world culture. Is religion the cause of wars in the world? How did religions begin? What do different religions believe?	
<b>Main Topics Covered</b>	
<b>Preliminary Course</b>	
<ul style="list-style-type: none"> <li>• Nature of Religion and Beliefs – What is religion?</li> <li>• 3 studies of religious tradition selected from Buddhism, Christianity, Hinduism, Islam, Judaism. An introduction to the foundation and way of life in each tradition.</li> <li>• Religion in Australia before 1945. How did religion change and effect the way of life of Australians?</li> </ul>	
<b>HSC Course</b>	
<ul style="list-style-type: none"> <li>• Religion in Australia after 1945. What have been the growth areas in religion? Islam, Pentecostalism and Multiculturalism.</li> <li>• 3 studies of religious traditions in depth from Buddhism, Christianity, Hinduism, Islam and Judaism. A closer look at 3 traditions and important people within them.</li> <li>• Religion and Peace – What is “Peace“ and how is it understood by 2 religions?</li> <li>• Religion and Non-Religion. How do religious and non-religious people differ in the way they look at the world?</li> </ul>	

<b>Course: Textiles &amp; Design</b>	<b>Course No: 11370</b>
2.units Board Developed Course	<b>UAI accredited: Yes</b> <b>Exclusions: Nil</b>
<p><b>Course Description:</b> The Preliminary course involves the study of design, communication methods, construction techniques, innovations, fibres, yarns, fabrics and the textile industry. Practical experiences are integrated throughout the content areas and include experimental work and project work.</p> <p>The HSC course builds upon the Preliminary course and involves the study of the history and culture of design, contemporary designers, emerging technologies, sustainable technologies, consumer issues and the marketplace. This course culminates in the development of a <b>Major Textiles Project</b> which is specific to a selected focus area and which includes supporting documentation and textile item/s.</p>	
<p><b>Main Topics Covered:</b></p> <p><b>Preliminary Course</b></p> <ul style="list-style-type: none"> <li>• Design (40%)</li> <li>• Properties and Performance of Textiles (50%)</li> <li>• The Australian Textiles, Clothing, Footwear and Allied Industries (TCFAI) (10%)</li> </ul> <p><b>HSC Course</b></p> <ul style="list-style-type: none"> <li>• Design (20%)</li> <li>• Properties and Performance of Textiles (20%)</li> <li>• The Australian Textiles, Clothing, Footwear and Allied Industries (10%)</li> <li>• Major Textiles Project (50%)</li> </ul>	
<p><b>Particular Course Requirements:</b> In the Preliminary course, practical experiences should be integrated into the Design and Properties and Performance of Textiles areas of study as either experimental work and/or project work. In the HSC course, the major textile project allows students to develop a textile project that reflects either a cultural, historical or contemporary aspect of design. Students are expected to draw upon the knowledge and understanding of design, properties and performance and the TCFAI developed in the Preliminary course.</p>	
<p><b>Assessment: HSC course only</b></p>	
<p><b>Fee: \$30</b></p>	

<b>Course: Visual Arts</b>	<b>Course No: 11380</b>
2 units Board Developed Course	<b>UAI accredited: Yes</b>
<b>Exclusions</b> : projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.	
<b>Course Description:</b> Visual Arts involves students in the practices of 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.	
<b>Main Topics Covered:</b>	
<b>Preliminary Course learning opportunities focus on:</b>	
<ul style="list-style-type: none"> <li>• The nature of practice in artmaking, art criticism and art history through different investigations</li> <li>• The role and function of artists' artwork, the world and audiences in the artworld</li> <li>• The frames (cultural, structural, subjective and postmodern orientations) and how students might develop their own informed points of view</li> <li>• How students may develop meaning and focus and interest in their work</li> <li>• Building understandings over time through various investigations and working in different forms.</li> </ul>	
<b>HSC Course learning opportunities focus on:</b>	
<ul style="list-style-type: none"> <li>• How students may develop their own informed points of view in increasingly more independent ways using the frames</li> <li>• How students may develop their own practice of artmaking, art criticism, and art history applied to selected areas of interest</li> <li>• How students may learn about the relationships between artist, artwork, world, audience within the artworld</li> <li>• How students may further develop meaning and focus in their work.</li> </ul>	
<b>Particular Course Requirements:</b>	
Preliminary Course	
<ul style="list-style-type: none"> <li>• artworks in at least 2 forms and use of a process diary</li> <li>• a broad investigation of ideas in art criticism and art history</li> </ul>	
HSC Course	
<ul style="list-style-type: none"> <li>• development of a body of work and use of a process diary</li> <li>• a minimum of 5 Case Studies (4–10 hours each)</li> <li>• deeper and more complex investigations of ideas in art criticism and art history.</li> </ul>	
<b>Cost:</b> Preliminary \$70, HSC \$ 70	
<b>Please note:</b> students may be required to purchase additional resources above the course cost charged in order to complete their HSC BOW submission.	

## LANGUAGES

Please note: that several small candidature languages have not been described in this booklet. These languages are offered by either the Saturday School of Community Languages or private tutors. If you require further information about these courses, please contact the Inspector, Languages on (02) 9367 8152.

<b>Course: French Beginners</b>	<b>Course No: 11630</b>
2 units Board Developed Course	<b>UAI accredited: Yes</b>
<b>Exclusions:</b> French Continuers Other eligibility rules apply to the study of this subject. Check with your teacher or the Board's ACE Manual.	
<b>Course Description:</b> In the Preliminary course, students will begin to develop their knowledge and understanding of French. During this course students must acquire some knowledge of the French language as a system through topics such as Social Interaction and Personal Identification, and through the integrated use of the four skills: listening, speaking, reading and writing.  In the HSC course, students will continue to develop their knowledge and understanding of French through the four skills: listening, speaking, reading and writing. All topics listed in the syllabus must be studied for the HSC. Topics previously studied during the Preliminary Course will be studied in greater depth for the HSC course.	
<b>Main Topics Covered:</b> <ul style="list-style-type: none"> <li>• Personal Identification</li> <li>• Leisure activities</li> <li>• Travel and Tourism</li> <li>• Shops and Services</li> <li>• General (numbers, time, dates, weather)</li> <li>• Social interaction</li> </ul>	
<b>Particular Course Requirements:</b> Nil	

**Course: French Continuers**

**Course No: 11640**

**UAI accredited: Yes**

2 units for each of Preliminary and HSC, with the option of a 1 unit Extension course for the HSC

Board Developed Course

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

**Exclusions:** French Beginners

**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.

**Main Topics Covered:**

**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 French culture through texts.

**Particular Course Requirements:** Nil

<b>Course: German Beginners</b>	<b>Course No: 11650</b>
2 units Board Developed Course <b>Exclusions:</b> German Continuers Other eligibility rules apply to the study of this subject. Check with your teacher or the Board's ACE Manual.	<b>UAI accredited:</b> Yes
<b>Course Description:</b> In the Preliminary course, students will learn functions, grammatical structures and vocabulary within the topic areas prescribed in the syllabus.  In the HSC course, students will learn functions, grammatical structures and vocabulary within the topic areas prescribed in the syllabus, but in greater depth.	
<b>Main Topics Covered:</b>  <ul style="list-style-type: none"> <li>• Personal details</li> <li>• Living</li> <li>• Cities, towns, villages</li> <li>• Daily Life</li> <li>• Eating and drinking</li> <li>• Health</li> <li>• Natural surroundings</li> </ul>	
<b>Particular Course Requirements:</b> Nil	

**Course: German Continuers**

**Course No: 11660**

2 units for each of Preliminary and HSC, with the option of a 1 unit Extension course for the HSC

**UAI accredited: Yes**

Board Developed Course

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

**Exclusions:** German Beginners.

**Course Description:**

The Preliminary and HSC courses have, as their organisational focuses, themes and associated topics. Students' skills in, and knowledge of, German 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 German-speaking communities through the study of a range of texts.

**Main Topics Covered:**

**Themes:**

- the individual
- the German-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 German culture through texts.

**Particular Course Requirements: Nil**

## VOCATIONAL EDUCATION COURSES

<b>Course: Business Services (240 hours)</b> <b>Course No: 43324</b> <p style="text-align: center;"><b>UAI accredited: Yes</b></p>
4 units in total      Board Developed Course <b>Exclusions:</b> Business (120 hours) Similar Units from the Information Technology Curriculum Framework Similar Units from the Retail Curriculum Framework
<b>Why study Business Services?</b> The Business Services industry provides clerical and administrative support to commerce, industry, government and the professions. Skills gained in this industry transfer to other occupations. The administrative workforce is one of the largest cross-industry occupational groups in Australia.  <b>Working in the Business Services industry involves:</b> <b>Customer service</b> – communicating with clients, staff and management to pass on information and documentation. <b>Information handling</b> – organising information and records in both paper and electronic forms. <b>Teamwork</b> – supporting sections, teams, staff and management to meet deadlines and targets. <b>Using technologies</b> – using computers, photocopiers, printers, scanners, fax machines and modems. <b>Creating documents</b> – designing and writing letters, reports, brochures, fliers and memos and creating and using spreadsheets and databases. Studying Business Services as part of your HSC could be the right choice if some of these activities interest you. <b>Some of the occupations you can aim for in the Business Services industry are:</b> Human resource manager, library assistant, marketing officer, office manager, payroll clerk/officer, personal assistant, personnel clerk, project manager, receptionist, records clerk/manager, recruitment consultant, sales clerk/officer, secretary.
<b>Course Description:</b> This course is based on units of competency which have been developed by the national Business Services industry to describe the competencies, skills and knowledge required by workers in these industries. Qualifications available to students in the Business Services Curriculum Framework comprise units of competency drawn from the following skill areas: information technology, communication, enterprise, technology, and finance.
<b>Course Requirement Relating to Work Placement</b> Students must complete work placement of up to 70 hours depending on the length of the course selected.
<b>Assessment:</b> <b>Competency Based Assessment</b> This is a competency based course. This requires students to develop the competencies, skills and knowledge described by each unit of competency. Students must demonstrate to a qualified assessor that they can effectively carry out the various tasks to the standard required in the appropriate industry, to be assessed as competent. <b>External Based Assessment – Optional HSC Examination</b> The Higher School Certificate examination for Business Services (240 hour) will involve a written examination made up of multiple-choice items, short answers and extended response items. The questions will be drawn from the core units of competency. 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 AQF qualifications.
<b>Potential Qualifications:</b> Certificate II in Business Services or a Statement of Attainment towards Certificate II in Business Services.
<b>Fee: \$50</b>

<b>Course: Information Technology (240 hours)</b>	<b>Course No: TBA</b> <b>UAI accredited: Yes</b>
Board Developed Course <b>Exclusions:</b> The units of competency achieved during completion of Information Technology (120 hours) course.	
<b>Why study Information Technology?</b> Computers are in all industries and so are computer jobs! Skills gained in an IT course could lead to a career in designing web pages, software and games, creating programs, systems and databases, networking computers, finding solutions to technical and software problems. <b>Working in the Information Technology industry involves:</b> <b>Designing</b> – advertisements, web pages, programs, systems, software and games <b>Networking</b> – computers and the world through the Internet <b>Supporting</b> – computer users, software and networks in any industry <b>Communicating</b> – with clients, staff, management, suppliers and government departments, working in a team <b>Finding Solutions</b> – to technical and software problems to satisfy industry and client needs <b>Managing</b> – information, people and events <b>Studying Information Technology as part of your HSC could be the right choice if some of these activities interest you.</b> <b>Some of the occupations you can aim for in the information technology industry are:</b> CD developer, computer operator, desktop publisher, electronics engineer, help desk officer, Internet specialist, IT consultant, IT marketing manager, IT project manager, multimedia developer, network administrator, programmer, service technician, software developer, systems engineer, systems analyst, teacher/trainer, technical support officer, web designer, web production manager and manager/owner of a small business.	
<b>Course Description:</b> This course is based on units of competency which have been developed by the Information Technology industry to describe the competencies, skills and knowledge required by workers who use information technology Students concentrate on developing a range of skills required to prepare them to work effectively in an environment where information technology is used. These include oral and written communication skills, teamwork skills, the efficient use of a range of software application packages, essential hardware management and occupational health and safety competencies.	
<b>Course Requirements Regarding Work Placement:</b> Students must complete work placement of up to 70 hours depending on the length of the course selected.	
<b>Assessment:</b> <b>Competency Based Assessment</b> This is a competency based course. This requires students to develop the competencies, skills and knowledge described by each unit of competency. Students must demonstrate to a qualified assessor that they can effectively carry out the various tasks to the standard required in the appropriate industry, to be assessed as competent. <b>External Assessment – Optional HSC Examination</b> The Higher School Certificate examination for Information Technology Support (240 hours) will involve a written examination made up of multiple-choice items, short answers and extended response items. The questions will be drawn from the core units of competency. 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 AQF qualifications.	
<b>Potential Qualifications:</b> Certificate II in Information Technology or a Statement of Attainment towards Certificate II in Information Technology.  <b>FEE: \$50</b>	

<b>Course: Hospitality Operations</b> (240 hrs)	<b>Course No: 12630</b>
Board Developed Course 2 units <b>Exclusions</b> Hospitality Operations (120 hrs)	<b>UAI accredited: Yes</b> <b>Prerequisites: Nil</b>
<p><b>Course Description:</b> This course is for students who wish to work in the hospitality industry, either as a long-term career or in part-time or temporary hospitality positions. The course is based on units of competency which have been drawn up by the hospitality industry to describe the competencies, skills and knowledge needed by workers in this industry.</p> <p>This course incorporates five core units plus a range of units from various functional areas. These are presented as four elective strands: Cookery/Catering, Accommodation Services, Multi-Skilled Operations, Food and Beverage Service and Kitchen Operations.</p>	
<p><b>Main Topics Covered:</b></p> <ul style="list-style-type: none"> <li>• In the core of the course students concentrate on developing the skills to work effectively in a hospitality environment including hospitality industry awareness, communicating with customers and staff, working safely and hygienically and operating equipment.</li> <li>• The elective strand of the course builds on these skills. Students will be able to develop further competencies in a variety of functional areas: <ul style="list-style-type: none"> <li>A. Cookery/Catering. Students attempt additional core units and concentrate on developing skills in dealing with the organisation and preparation of food and/or catering.</li> <li>B. Accommodation Services. Students concentrate on the development of skills to work effectively in the Housekeeping and Front Office areas.</li> <li>C. Multi-Skilled Operations. Students attempt a combination of units of competency across three functional areas: Housekeeping, Food and Beverage Service, and Kitchen Operations.</li> <li>D. Food and Beverage Service and Kitchen Operations. Students attempt a combination of units of competency from two functional areas.</li> </ul> </li> </ul>	
<p><b>Particular Course Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ Work placement. Students must complete a minimum of 70 hours work placement in a hospitality workplace.</li> </ul>	
<p><b>Assessment:</b> <b>Competency Assessment</b> This is a competency based course. This means that students work to develop the competencies, skills and knowledge described in each unit of competency. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out the various tasks and combinations of tasks listed to the standard required in the appropriate industry. There is no mark awarded in competency based assessment. Students are assessed as either 'competent' or 'not yet competent'. 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 in a student log book. Competency based assessment determines the vocational qualification that a student will receive.</p> <p><b>External Assessment – HSC Examination</b> The Higher School Certificate examination for Hospitality Operations (240 hours) will involve a written examination made up of multiple-choice items, short answers and extended response items. The questions will be drawn from units of competency and HSC Requirements and Advice shown in the syllabus. 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 AQF qualifications.</p> <p><b>Fees:</b> \$100 year 11; \$60 year 12; \$15 workbook; \$20 kit hire; \$75 uniform hire</p>	
<p><b>Qualifications:</b></p> <ul style="list-style-type: none"> <li>• Students who are assessed as competent (through integrated competency assessment) in all of the units of competency in Hospitality Operations (240 hours) will be eligible for the AQF Certificate II in Hospitality Operations.</li> <li>• Students who are assessed as competent (through integrated competency assessment) in all of the units of competency in the Hospitality Operations (120 hours) will be eligible for the AQF Certificate I in Hospitality Operations.</li> <li>• Students who are assessed as competent for some units of competency will be eligible for a Statement of Attainment showing partial completion of Certificate I or II.</li> </ul>	

## **BOARD ENDORSED COURSES**

There are two types of Board Endorsed Courses – Content Endorsed Courses and School Designed 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 design special courses in order to meet student needs. These courses must be approved by the Board of Studies. Once approval is granted, schools offer selected courses to senior students as part of the Higher School Certificate.

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 Universities Admission Index (UAI).

Content Endorsed Courses may be studied as 1 or 2 units and as Preliminary and/or HSC courses.

<b>Course: Applied Mathematics</b> <b>YEAR 12 ONLY</b>	<b>Course No: 61096</b>
2 units Board Endorsed Course <b>Prerequisites:</b> The course is constructed on the assumption that students have completed the preliminary General Mathematics Course. The course is designed for students that will not require Mathematics for the HSC or further tertiary studies.  <b>Exclusions:</b> Other Stage 6 Mathematics courses.	<b>UAI accredited:</b> Not suitable for UAI
<b>Course Description:</b> Applied Mathematics focuses on mathematical skills and techniques to interpret practical situations and solve problems. Understanding to apply mathematical ideas, rules, procedures and algebraic modelling, particularly in vocational settings, involving measurement. The program is designed to improve ability to communicate mathematics in written and verbal form and cooperative learning skills in group situations. The use of technology as a mathematical tool.	
<b>Main Topics Covered:</b>  <b>HSC Course</b> <ul style="list-style-type: none"> <li>• Choosing accommodation</li> <li>• Financial mathematics</li> <li>• Social issues</li> <li>• Mathematics in the Workplace</li> <li>• Lifestyle, health and recreation</li> </ul>	

**Course: Computing Applications**

**Course No: 35023**

**Not suitable for UAI**

Content Endorsed Course  
2 Unit 2 year

**Exclusions:** Board Developed Courses –  
Information Processes and Technology;  
Software Design and Development and courses within  
the Information Technology Curriculum Framework.

Computers and related information technology permeate all aspects of contemporary life. Computer technology has become an integral part of the workplace and it has also become an increasingly obvious part of our entertainment and recreation.

Computing Applications is a 'hands-on' skills based course aimed at developing the student's abilities to utilise hardware and software to complete a range of practical experiences in a broad range of topic areas. Students will develop their knowledge and understanding of the role of computing in completing tasks and enable them to be confident users of the technology. Students will also develop skills in evaluation and be able to discriminate in the use of this technology to accomplish a defined task.

It is expected that the target group for Computing Applications is those students who have had little practical experience in using computers. Schools may choose from a range of modules to develop a program of study that suits the needs of the group of students.

**Cost:** \$40

**Special Requirements:** Nil

**Course: Exploring Early Childhood****Course No: 31010**Content Endorsed Course  
2 Unit**Not suitable for UAI**  
**Exclusions: Nil**

Our society is increasingly recognising children's experiences in the early childhood years as the foundation for future growth, development and learning.

This course explores issues within an early childhood context and considers these in relation to the students themselves, their family and the community.

The study of this course will enable students to:

- develop an awareness and understanding of the growth, development and learning of young children and the importance of the early childhood years;
- recognise the uniqueness of all children, including those who have special needs;
- become aware of the value of play in the lives of children, and consider means of providing safe and challenging environments for play;
- identify the range of services developed and provided for young children and their families;
- consider the role of family and community in the growth, development and learning of young children;
- reflect upon potential implications for themselves as adults, in relation to young children;
- understand and appreciate the diversity of cultures within Australia and the ways in which this influences children and families.
- Become aware of the work opportunities available in the area of children's services.

**Cost:** \$10

**Special Requirements:**

Cooking for nutrition – close leather shoes, apron, tea towel.

**Course: Photography, Video & Digital Imaging****Course No: 34258****Not suitable for UAI**

Content Endorsed Course

1 Unit over 1 year Preliminary and/or HSC

2 Unit over 2 years Preliminary and HSC

**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.

Photography, Video and Digital Imaging offers students the opportunity to explore contemporary artistic practices that make use of photography, video and digital imaging. These fields of artistic practice resonate within students' experience and understanding of the world and are highly relevant to contemporary ways of interpreting the world. The course offers opportunities for investigation of one or more of these fields and develops students' understanding and skills, which contribute to an informed critical practice.

The course is designed to enable students to gain an increasing accomplishment and independence in their representation of ideas in the fields of photography and/or video and/or digital imaging and understand and value how these fields of practice invite different interpretations and explanations.

Students will develop knowledge, skills and understanding through the making of photographs, and/or videos and/or digital images that lead to and demonstrate conceptual and technical accomplishment. They will also develop knowledge, skills and understanding that lead to increasingly accomplished critical and historical investigations of photography and/or video and/or digital imaging.

**Main Topics Covered**

Modules may be selected in any of the three broad fields of

- Wet Photography
- Video
- Digital Imaging.

Modules include: Introduction to the Field; Developing a Point of View; Traditions, Conventions, Styles and Genres; Manipulated Forms; The Arranged Image; and Temporal Accounts. An Occupational, Health and Safety Module is mandatory. The additional module Individual/collaborative project extends students' learning experiences and may reflect students' increasing interests and desire to specialise in one or more of these fields or explore the connections further between the fields.

**Particular Course Requirements**

Students are required to keep a diary throughout the course.

Cost: Preliminary \$80; HSC \$80

Please note: additional individual costs above the course cost charged may occur.

**Course: Sport, Lifestyle and Recreation Studies**

**Course No: 35017**

**May be studied as 1 or 2 unit.**

**Not suitable for UAI**

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; and Healthy Lifestyle.

**Course: Visual Design**

**Course No: 35100**

**Not suitable for UAI**

Content Endorsed Course 1 Unit Preliminary and/or HSC

**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**

This course provides students with opportunities to exploit the links between art and design by designing and making images and objects in which aesthetic qualities and symbolic meanings are as important as utilitarian function. It encourages students to explore the practices of graphic, wearable, product and interior/exterior designers in contemporary societies and promotes imaginative and innovative approaches to design within the context of the Australian environment and culture.

Through the critical and historical study of designed images and objects students are able to analyse and make informed judgements about the designed works that surround them – works which reflect and construct the image they have of themselves, others and their world.

The course is designed to enable students to gain an increasing accomplishment and independence in their representation of ideas in different fields of design and to understand and value how graphic design, wearable design, product design, and interior/exterior design, invite different interpretations and explanations. Students will develop knowledge, skills and understanding through the making of works in design that leads to and demonstrates conceptual and technical accomplishment. They will also develop knowledge, skills and understanding that lead to increasingly accomplished critical and historical investigations of design.

**Main Topics Covered**

Modules may be selected in any of the four broad fields of

- graphic design
- wearable design
- product design
- interior/exterior design

The additional module Individual/collaborative project extends students' learning experiences and may reflect students' increasing interests and desire to specialise in one or more of these fields or explore the connections further between the fields. The Occupational, Health and Safety Module is mandatory in any course

**Particular Course Requirements**

Students are required to keep a diary throughout the course.

**Cost:** Preliminary \$60, HSC \$60

**Course: Work Studies**

**Course No: 35200**

Content Endorsed Course 1 or 2 unit

**Not suitable for UAI**

**Exclusions:** Nil

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 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 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.

