PRELIMINARY AND HIGHER SCHOOL CERTIFICATE COURSES

2014 – 2015
# Stage 6 Courses

**2014 – 2015**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Category</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient History</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Business Services (VET)</td>
<td>Category B</td>
<td>Nil</td>
</tr>
<tr>
<td>Business Studies</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Community and Family Studies</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Computer Applications (CEC)</td>
<td>Non ATAR</td>
<td>Nil</td>
</tr>
<tr>
<td>Dance</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Drama</td>
<td>Category A</td>
<td>$ 40.00</td>
</tr>
<tr>
<td>Economics</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>English (Standard/Advanced/ESL)</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>English Extension 1</td>
<td>Category A, 1 Unit</td>
<td>Nil</td>
</tr>
<tr>
<td>English Fundamentals</td>
<td>1 Unit non ATAR</td>
<td>Nil</td>
</tr>
<tr>
<td>English Studies</td>
<td>Non ATAR</td>
<td>Nil</td>
</tr>
<tr>
<td>Exploring Early Childhood (CEC)</td>
<td>Non ATAR</td>
<td>Nil</td>
</tr>
<tr>
<td>Food Technology</td>
<td>Category A</td>
<td>$ 70.00</td>
</tr>
<tr>
<td>Hospitality Kitchen Operations (VET)</td>
<td>Category B</td>
<td>$120.00</td>
</tr>
<tr>
<td>Information and Digital Technology (VET)</td>
<td>Category B</td>
<td>Nil</td>
</tr>
<tr>
<td>Language (Italian &amp; Greek Beginners/Greek Continuers)</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Life Skills</td>
<td></td>
<td>$ 60.00</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Mathematics (Mathematics/General/General 1)</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Mathematics Extension 1</td>
<td>Category A, 1 Unit</td>
<td>Nil</td>
</tr>
<tr>
<td>Modern History</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Music 1</td>
<td>Category A</td>
<td>$ 40.00</td>
</tr>
<tr>
<td>PD/Health/PE</td>
<td>Category A</td>
<td>$ 40.00</td>
</tr>
<tr>
<td>Photography Video and Digital Imaging (CEC)</td>
<td>Non ATAR</td>
<td>$ 60.00</td>
</tr>
<tr>
<td>Retail (VET)</td>
<td>Category B</td>
<td>Nil</td>
</tr>
<tr>
<td>Science (Biology/Chemistry/Physics/Senior Science)</td>
<td>Category A</td>
<td>$ 20.00 per course</td>
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<tr>
<td>Society and Culture</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Sport, Lifestyle and Recreation (CEC)</td>
<td>Non ATAR</td>
<td>Nil</td>
</tr>
<tr>
<td>Software Design and Development</td>
<td>Category A</td>
<td>Nil</td>
</tr>
<tr>
<td>Textiles and Design</td>
<td>Category A</td>
<td>$ 40.00</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>Category A</td>
<td>$ 50.00</td>
</tr>
</tbody>
</table>

**All costs are subject to change. Information will be provided at the end of 2013 school year.**

**All courses are available for student selection for 2014 – 2015. The courses**
which run will be decided through majority student choice and maintenance of breadth in the curriculum.
# Preliminary and HSC Requirements

<table>
<thead>
<tr>
<th>Number of Units Required</th>
<th>Eligibility for HSC</th>
<th>Eligibility for an ATAR</th>
<th>Entry into all University Courses in NSW and ACT require an ATAR</th>
</tr>
</thead>
</table>
| All students must undertake 12 Units of study in the Preliminary Course. | Students selection must include:  
- 2 Units of English  
- 6 Units of Board Developed Courses, including English  
- At least 4 subjects  
- No more than 6 Units of Science | To be eligible students must study at least 10 Units of Board Developed Course  
Only one Category B subject can be used in the calculation for ATAR |
| All students must take a minimum of 10 Units of study in the HSC Course. | | |

## Record of Secondary Achievement

There are two separate Records of Achievements: one for Preliminary Course and one for the HSC Course.

A Record of Secondary Achievement will be awarded to:
- Students who satisfactorily complete the Preliminary Course
- Students who satisfactorily complete the HSC Course
- Students who do not qualify for the HSC but who otherwise complete Year 12

All students must demonstrate satisfactory application completion of coursework to be eligible for Records of Secondary Achievement.
## Types of Courses

*Many HSC subjects give some credit transfer to TAFE Certificates/Diplomas*

<table>
<thead>
<tr>
<th>Subject Type</th>
<th>Exam</th>
<th>Counts to HSC</th>
<th>Counts to ATAR</th>
<th>TAFE Accreditation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDC Category A</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>n/a</td>
</tr>
<tr>
<td>VET-BDC Category B</td>
<td>Optional</td>
<td>✓</td>
<td>Yes only 1</td>
<td>n/a</td>
</tr>
<tr>
<td>BDC Category B</td>
<td>✓</td>
<td>✓</td>
<td>Yes only 1</td>
<td>✓</td>
</tr>
<tr>
<td>BDC Category B TVET</td>
<td>Yes Accounting</td>
<td>✓</td>
<td>Yes Accounting Optional for Tourism</td>
<td>Yes – usually Certificate II</td>
</tr>
<tr>
<td>CEC</td>
<td>No</td>
<td>✓</td>
<td>No</td>
<td>n/a</td>
</tr>
<tr>
<td>CEC TVET</td>
<td>No</td>
<td>✓</td>
<td>No</td>
<td>✓</td>
</tr>
</tbody>
</table>
Types of Courses

Board Developed Courses (BDC)
These are courses written by the Board of Studies. These are the courses for which the Board of Studies sets state wide HSC examinations. These have specific outcomes, content and assessments, as well as examinations. These courses can be counted towards an ATAR.

Content Endorsed Courses (CEC)
CEC have a syllabus endorsed by the Board of Studies to cater for special interests. These courses cannot be counted towards a ATAR.

Vocational Education and Training Courses (VET)
These courses are studied at school and are aimed at preparing students to meet the needs of specific industries. They are Board Developed Courses and allow students to obtain qualifications that can gain them accreditation at TAFE and private colleges. One VET subject can contribute to an ATAR provided the student sits the optional HSC examination. Students can choose a maximum of two VET subjects.

TVET Courses
These courses are studied at TAFE. TVET courses are Content Endorsed Courses and do not count towards an ATAR. TVET courses may also count towards TAFE Certificates and Diplomas.

Category A and B Subjects
Most Board Developed Courses are Category A Courses. Category B courses include VET courses, as well as the TVET course Accounting and Nursing. These courses count towards the HSC and can count towards the ATAR, but you may only include one Category B course in the calculation of the ATAR.
Further Information

Course Fees

Preliminary and HSC courses that attract a subject fee do so to cover the costs of materials used and consumed by students in the course.

*All students have a responsibility to pay the course fee for these courses.*

For students in financial need parents must contact the Principal to discuss.

In some cases students would be asked to re-choose an elective if contributions are neither paid nor reduced by negotiation with the Principal.

**TEXT and/or LEARNING HIRE FEE $150.00 per year**

This fee will be used in the following faculties to cover the cost of textbook hire & repair, subscriptions and learning resources (including online resources) areas such as:- English, Mathematics, Science, PD/H/PE, and HSIE

**NOTE:**

A refund of $50 will apply to the above fee on return of all school property at the completion of each scholastic year.

In addition to the above fees there are two (2) Compulsory Fees that apply to Year 11

- Study Skills - $20.00
- Cross Roads - $65.00

More information will be provided regarding financial contributions before the 2014 school year.

University and TAFE Requirements

**Assumed Knowledge**

All universities list subjects as “assumed knowledge” for certain degrees. This means that to be successful in the degree you will need a strong background in the subjects listed. If you enter the course without the “assumed knowledge” and you can’t cope, then it is your problem. Some universities offer bridging courses prior to entry and support programs in addition to the degree program but in the main you are responsible for meeting requirements for your courses.

**TAFE**

TAFE does not take a student’s ATAR ranking into account when considering applications.

**Extension Courses**

Students and parents are advised that students should only be considering extension courses in English and Mathematics if they have achieved as a minimum Band 5 and 6 results in Year 10. Students will only be considered for extension courses after consultation with the relevant subject Head Teacher.
Stage 6 Life Skills Pattern of Study

Stage 6 Life Skills courses provide a curriculum option for the small percentage of students with special education needs for whom the regular outcomes and content are not appropriate.

These courses have Board Developed status and can be used to meet the requirements for the award of the Higher School Certificate.

Each Life Skills course comprises a 2-Unit Preliminary course and a 2-Unit HSC course.

To be eligible for HSC credentialing students are required to complete 12 units of study in year 11 and 10 units of study in year 12.

Stage 6 Life Skills syllabuses are as follows:

- **Stage 6 English Life Skills**
- **Stage 6 Creative Arts Life Skills**
  - Dance Life Skills
  - Drama Life Skills
  - Music Life Skills
  - Visual Arts Life Skills
- **Stage 6 Human Society and Its Environment Life Skills**
  - Human Society and Its Environment Life Skills
  - Business and Economics Life Skills
  - Citizenship and Legal Studies Life Skills
  - Geography Life Skills
  - History Life Skills
  - Society and Culture Life Skills
- **Stage 6 Mathematics Life Skills**
- **Stage 6 Personal Development, Health and Physical Education Life Skills**
- **Stage 6 Science Life Skills**
- **Stage 6 Technology Life Skills**
  - Technology Life Skills
  - Design and Technology Life Skills
  - Food Technology Life Skills
  - Industrial Technology Life Skills
  - Information Processes and Technology Life Skills
  - Textiles and Design Life Skills
- **Stage 6 Work and the Community Life Skills.**
The Board expects that most students who will access Life Skills courses will have an intellectual disability. Life Skills courses are for the small percentage of students for whom it may be determined that the regular Board Developed or Board Endorsed courses are not appropriate.

In general, students enrolling in Stage 6 Life Skills courses will have completed at least four subjects based on Life Skills outcomes and content in Years 7–10.

Decisions about curriculum options for students with special education needs should be made in the context of collaborative curriculum planning with the student, parent/carer and any other significant individuals in the student's life.

Commencing in 2012, Year 11 students can undertake one or more of the eight Stage 6 Life Skills courses from the Human Society and Its Environment Life Skills Syllabus.

To qualify for the Higher School Certificate, students must have a Preliminary pattern of study comprising at least 12 units and an HSC pattern of study comprising at least 10 units. Students with special education needs can meet the requirements for the Higher School Certificate using a combination of Board Developed courses, Board Endorsed courses and Board Developed Life Skills courses. Life Skills courses have indicative time of 240 hours, with 120 hours being in each Year of Stage 6. Each Life Skills course contributes two units towards a student’s pattern of study. To be eligible for the credential of the Higher School Certificate, students must also satisfy the course completion criteria.

Students may accumulate courses towards the Higher School Certificate for up to five years. There is no time restriction on accumulation of Preliminary courses. Students who are accumulating courses will receive a cumulative Record of Achievement for each calendar year of study. This lists all Preliminary or HSC courses satisfactorily completed at the time of issue. Students undertaking one or more Life Skills courses towards the HSC will also receive a Profile of Student Achievement for each calendar year of study, indicating the outcomes achieved in each Life Skills course for that year.

Subjects that run in 2014 will be decided based on student expressions of interest and available school resources.

Life Skills courses offered will be linked to this.

Final advice to students will be given at individual student interviews in Term 3.
ANCIENT HISTORY

Faculty: HSIE
Preliminary: 11020
Units: 2 units
HSC: 15020
Status: BDC
Compulsory project or performance or major work: No
Prerequisites: Nil

Skills required and that will be developed in this course:
Ancient History will help you to:
- understand the process of change over time, to think critically and to understand the link between past and present
- understand and appreciate other societies and cultures, both past and present
- understand the strengths and weaknesses of your own society
- significantly develop your sense of historical perspective.

Content:
Preliminary Course
Topic 1: Investigating the Past: History, Archaeology and Science
Topic 2: Case Study – Human Remains & Tutankhamun’s Tomb
Topic 3 and 4: Studies of Ancient Societies, Sites and Sources: Thera, Troy, The Celts, Deirelmedina

HSC Course
Topic 1: Part I: Core: Cities of Vesuvius – Pompeii and Herculaneum
Topic 2: Part II: ONE Ancient Society
Topic 3: Part III: ONE Personality in Their Time
Topic 4: Part IV: ONE Historical Period
The course requires study from at least TWO of the following areas: Egypt, Near East, Greece or Rome.

BIOLOGY

Faculty: Science
Preliminary: 11030
Units: 2 units
HSC: 15030
Status: BDC
Compulsory project or major work: No
Prerequisites: Nil

Skills required and that will be developed:
- Planning Investigations
- Conducting Investigations
- Communicating information and understanding
- Developing scientific thinking and problem solving techniques
- Working individually and in teams.

Content:
The study of Biology provides students with an understanding of living things and their environment. This course recognises that, while humans are part of nature, they continue to have a greater influence on the environment than any other species.

Preliminary Course
- A Local Ecosystem
- Patterns in Nature
- Life on Earth
- Evolution of Australian Biota

HSC Course
- Maintaining a Balance
- Blueprint of Life
- The Search for Better Health
PLUS ONE of the following options
- Communication
- Genetics: The Code Broken
- Biochemistry
- Biotechnology
- The Human Story
**BUSINESS SERVICES - VET**

**Faculty:** HSIE  
**Preliminary:** 12710

**Units:** 2 units  
**HSC:** 16210

**Status:** BDC, Category B  
**HSC Exam:** 16245

**Compulsory project or major work:**
- Mandatory work placements in Years 11 and 12. (70 hours total)

**Prerequisites:** Nil

**Skills required and that will be developed:**
National Business Services Competencies

**Content:**
- Business Services is ideal for students who plan to work in an office. It includes delivering service to customers, producing documents, mailing, maintaining financial records and occupational health and safety issues.
- The Business Services course was developed under an industry curriculum framework with the same national modules as delivered by TAFE and the Business Services Industry.
- Students gain credit towards the HSC and towards national vocational qualifications under the Australian Qualifications Framework (AQF). AQF Certificate II in Business.
- Completion of all competencies in the 240 hour course will qualify for a Certificate II.
- Students also have the option of sitting for a HSC exam and may count the result towards their ATAR.
- Assessment of their performance is competency based. eg. Participation in team work, observation, role play and producing industry standard documents.
- Competencies include: written and oral communication; office records; and financial records.

See Appendix for detailed Course information

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**BUSINESS STUDIES**

**Faculty:** HSIE  
**Preliminary:** 11040

**Units:** 2 units  
**HSC:** 15040

**Status:** BDC

**Compulsory project or major work:** No

**Prerequisites:** Nil

**Skills required and that will be developed:**
Students develop skills in: researching, analysis, problem-solving, decision-making, critical thinking and communication.

**Content:**
Business Studies explores the role of effective management within each of the key business functions of operations, marketing, finance and accounting and human resources. External and internal factors critical to the success of business are examined and evaluated.

Business Studies is invaluable to students considering a commercially orientated career or who wish to learn more about business operations.

**Course Content:**

**Preliminary**
1. Nature of Business
2. Business Management
3. Business Planning

**HSC**
1. Operations
2. Marketing
3. Finance
4. Human Resources
CHEMISTRY

Faculty: Science
Preliminary: 11050
Units: 2 units
HSC: 15050
Status: BDC

Compulsory project or performance or major work: No
Prerequisites: It is strongly recommended that students have a School Certificate Science Grade A, B or C and School Certificate Stage 5.3 Mathematics

Skills required and that will be developed in this course:
- Planning Investigations
- Conducting Investigations
- Communicating information and understanding
- Developing scientific thinking and problem solving techniques
- Working individually and in teams

Content:
The study of Chemistry
- Provides students with a contemporary understanding of the physical and chemical properties of substances and their interactions.
- Focuses on investigating the physical and chemical properties of substances, chemical reactions and processes and the interactions of energy and matter and attempts to explain and predict events at the atomic and sub-atomic level.

Preliminary Course
- The Chemical Earth
- Metals
- Water
- Energy

HSC Course
- The Production Of Materials
- The Acidic Environment
- Chemical Monitoring and Management

PLUS ONE of the following options
- Industrial Chemistry
- Shipwrecks. Corrosion and Conservation
- The Biochemistry of Movement
- The Chemistry of Art
- Forensic Chemistry.

COMMUNITY AND FAMILY STUDIES

Faculty: PE/H/PE
Preliminary: 11060
Units: 2 units
HSC: 15060
Status: BDC

Compulsory project or performance or Major work:
Independent Research Project (IRP)

Prerequisites: Competent Writing Skills are essential

Skills required and that will be developed in this subject:
Management and organisational skills

Content:
The course covers the diverse nature of families and communities. It develops an understanding and appreciation of the needs and differences of individuals and groups.

Preliminary Course - covers three main topics:
Resource Management - the management process
Individuals and Groups - roles, relationships and tasks within a group
Families and Communities - family structure, function and interaction with the community.

HSC Course
Research Methodology – Individual Research Project (IRP)
Groups in Context - Individual needs of special groups
Parenting and Caring - the role of parents and people who care for children

Plus one of the following three options:
Family and Societal Interaction - How govt. and community support families
Social Impact of Technology - Effect of technology on individuals, families, work and communities
Individuals and Work - contemporary issues as people balance work and family.
**COMPUTING APPLICATIONS**

**Faculty:** Computing Studies  
**Preliminary:** Unit 1 35022  
**Units:** 1 unit or 2 units  
**HSC:** 2 Units 35022  
**Status:** CEC

**Compulsory project or performance or major work:** Nil  
**Prerequisites:** Nil  
**Skills required and that will be developed in this course:**  
This course has the advantage of being tailored to the needs and interests of the group of students that chooses it. It may be basic for those with little computer knowledge or skills, or it may be more sophisticated for more advanced students.

**Content:**  
**Compulsory Core**  
- History and Social Implications of Computing  
- Computer Systems  
**Modules chosen from the following:**  
- Basic Skills  
- Office Automation  
- Word Processing  
- Databases  
- Spreadsheets  
- Telecommunications  
- Introductory Programming  
- Intermediate Programming  
- Advanced Programming  
- Control Systems  
- Artificial Intelligence  
- Modeling and Simulation  
- Music  
- Animation and Video  
- Hypermedia  
- Designing Learning Games  
- Analytic and Presentation Graphics  
- Desktop Publishing  
- Graphic Design  
- Computer Graphics  
- Project

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**DANCE**

**Faculty:** PD/H/PE  
**Preliminary:** 15070  
**Units:** 2 Units  
**HSC:** 15070  
**Status:** BDC

**Compulsory project/performance or major work:** Yes  
**Prerequisites:** Nil  
**Skills that will be developed in this course:**  
The study of Dance will develop the talents and capacities of all students – emotional, intellectual, social, spiritual, creative and expressive – as well as developing self-confidence and self-esteem.

**Content:**  
**Preliminary Course**  
Students undertake a study of Dance as an artform. There is an equal emphasis on the components of Performance, Composition and Appreciation in the study of Dance. Students studying Dance bring with them a wide range of prior dance experience. Physical training and preparation of the body is fundamental and of paramount importance to the course and informs all three components of the course. Components to be completed are:
- Performance (40%)  
- Composition (20%)  
- Appreciation (20%)  
- Additional (20%) (to be allocated by the teacher to suit the specific circumstances/context of the class).

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

**Faculty:** Creative Arts  
**Preliminary:** 11090  
**Units:** 2 units  
**HSC:** 15090  
**Status:** BDC

**Compulsory project or performance or major work:** Yes  
**Prerequisites:** Nil

**Skills required or that will be developed in this course:**
The study of Drama will develop the talents and capacities of all students – emotional, intellectual, social, spiritual, creative and expressive – as well as developing self confidence and self esteem.

**Content:**
Did you laugh when you watched “How I Met Your Mother” on telly last night? Do you get the tissue box out when you put on a romantic flick? Can Beyonce act or should she stick to the music industry? How do actors and creators of drama use body language, voice, tension, space, lights, sets, costumes and sound to make a powerful impact upon us as spectators?

The aim of the course is for students to experience and appreciate Drama as a social, collaborative and creative art form and as an expression of culture through making, performing and critically study drama and theatre.

**Areas of study include:**
- Acting, directing and design in theatre  
- Theatrical styles of the past two centuries  
- Group devised drama  
- Individual performance  
- Working from page to stage

Students will have the opportunity to explore extensively one of the following: Scriptwriting, Director’s folio, applied theatre research, costume design, lighting design, program and poster design, set design, individual performance and video drama. To complement students’ study of production techniques and enhance their appreciation of theatre there will be the opportunity to attend theatre shows and workshops with current practitioners. The skills and knowledge acquired in this course may be further developed and employed in a variety of professions including, theatre, media, communications, events management, and community cultural development or for those who wish for greater appreciation and enjoyment of drama and its role in society.

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**ECONOMICS**

**Faculty:** HSIE  
**Preliminary:** 11040  
**Units:** 2 units  
**HSC:** 15040  
**Status:** BDC

**Compulsory project or major work:** No  
**Prerequisites:** Nil

**Skills required and that will be developed:**
Students develop skills in: researching, analysis, problem-solving, decision-making, critical thinking and communication.

**Course Content:**
Discussion of economic issues dominates the media and politics. By understanding economics, students can make informed judgements about issues and policies and participate responsibly in decision-making.

Economics focuses on aspects of the economic behaviour of consumers, business and governments in the Preliminary year. In the HSC year, the focus is on the management of the economy including the impact of the global economy on the Australian economy and the link between economic issues such as unemployment, inflation and economic growth.

Students will benefit from the study of economics if they engage in studies that include business, accounting and finance, media, law, marketing, employment relations, tourism, history, geography and environmental studies.

**Preliminary Content**
1. Introduction to Economics  
2. Consumers and Business  
3. Markets  
4. Labour Markets  
5. Financial Markets  
6. Government in the Economy

**HSC Content**
1. The Global Economy  
2. Australia’s Place in the Global Economy  
3. Economic Issues  
4. Economic Policies and Management
**ENGLISH ESL**

**Faculty:** English  
**Preliminary:** 11160  
**Units:** 2 units  
**HSC:** 15150  
**Status:** BDC  

**Compulsory project or performance or major work:** No  

**Prerequisites:**  
This course is for students who have been studying in English language schools or places of learning for five years or less.

**Skills:**  
Students will extend their reading, writing, listening and speaking skills. The course provides students with the opportunity to become effective, creative and confident communicators in English to assist them in achieving Stage 6 Outcomes.

**Content:**  
This course comprises a Language Study within an Area of Study and modules. In the Preliminary course, Electives are developed by teachers and require students to use their developing English language skills to explore the way ideas and processes are represented in texts.

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**ENGLISH STANDARD**

**Faculty:** English  
**Preliminary:** 11130  
**Units:** 2 units  
**HSC:** 15130  
**Status:** BDC  

**Compulsory project or performance or major work:** No  

**Prerequisites:**  
This course is for the majority of students.

**Skills:**  
Students reflect on and demonstrate the effectiveness of texts for different audiences and purposes. Students will respond to and compose increasingly complex texts in a variety of modes and media, demonstrating an ability to relate information and knowledge using different text types.

**Content:**  
This course requires the study of texts, drawn from the categories of prose fiction, drama, non-fiction, media and multi media. Texts studied may vary amongst Standard classes.

**Preliminary:**  
1. Area of Study (consists of 40% of the course and is common with the Advanced course) - Justice  
2. Module 1 – Images and ideas in texts  
3. Module 2 – Close study of text

**HSC:**  
1. Area of Study – Belonging: “The Crucible”(consists of 40% of the course and is common with the Advanced course)  
3. Module B – Close study of text “Wilfred Owen”  
ENGLISH ADVANCED

Faculty: English  Preliminary: 11140
Units: 2 units  HSC: 15140
Status: BDC

Compulsory project or performance or major work: No

Prerequisites:
This course is for students who have an added interest and an extended ability in English.

Skills required and that will be developed in this course:
Students analyse and evaluate texts and the ways they are valued in their contexts.
Students will respond to and compose increasingly complex texts in a variety of modes and media, demonstrating an ability to relate information and knowledge using different text types. Students are encouraged to extend their responses and employ higher order thinking to relate their deep knowledge and understanding.

Content:
This course requires a critical study of texts, a comparative study of texts and a detailed exploration of a Shakespearean Drama.

[Major topics here]

PRELIMINARY:
1. Area of Study (consists of 40% of the course and common with the Standard course)
2. Module 1 – Comparative Study of Texts
3. Module 2 – Critical Study of Texts

HSC:
1. Area of Study (consists of 40% of the course and common with the Standard course) – Belonging
2. Comparative Study of Texts & Context-Exploring Connections
3. Critical Study of Texts
4. Representation and Text – Conflicting Perspectives

ENGLISH EXTENSION 1

Faculty: English  Preliminary: 11150
Units: 1 unit  HSC: 15160
Status: BDC

Compulsory project or performance or major work: No

Prerequisites:
This course is for students who are talented in English as well as being interested, motivated, independent learners who desire to pursue a specialised study of English.

Skills:
The course focuses on developing skills of interpretation, investigation and composition

Content:
In Extension 1, Preliminary students study a range of texts and a number of related texts. Students also compose a variety of texts. Students explore how and why texts are valued in and appropriated into a range of contexts. They consider why some texts may be perceived as culturally significant.

In Extension 1, HSC students explore ideas of values and consider how cultural values and systems of valuation arise. Students study three texts from a chosen module.

HSC English Extension Course 2 comprises a Major Work. This course may only be taken in addition for HSC Extension 1. Students who excel in Extension 1 during the preliminary year may be invited to complete Extension 2 during the HSC year.
**ENGLISH FUNDAMENTALS**

**Faculty:** English  
**Preliminary:** 
**Units:** 1 unit  
**HSC:** 
**Status:** 
**Compulsory project or performance or major work:** No  
**Prerequisites:** Nil  
**Skills required or that will be developed in this course:**
The Fundamentals of English course assists students to use the English language effectively in their study of all subjects and for vocational purposes.

The course is a skills-based course with the opportunity for students and the teacher to work with texts and activities appropriate to student needs and interests. A major focus will be for students to develop improved writing and speaking skills which they can apply in all other subjects.

This 1 unit course is for the Preliminary (Year 11) year only and is ideally suited to ESL students and students who require additional support to achieve English outcomes.

**ENGLISH STUDIES**

**Faculty:** English  
**Preliminary:** 
**Units:** 2 units  
**HSC:** 
**Status:** CEC  
**Compulsory project or performance or major work:** No  
**Prerequisites:**
*English Studies* addresses the needs of a specific group of students who wish to complete and be awarded a Higher School Certificate but who are seeking an alternative to the current Standard English Course.

The course is not examined externally. Results in the course are not eligible for inclusion in the calculation of the Australian Tertiary Admission Rank (ATAR).

**Skills required or that will be developed in this course:**
The course provides students with the opportunity to become more confident and effective communicators in a diverse and changing society.

**Content:**

**Preliminary:**
1. The module “Achieving through English and the Worlds of Education, Careers and Community” is mandatory.
2. Telling us all about it – English and the media
3. In the marketplace – English and the world of business

**HSC:**
1. *We are Australians – English in citizenship, community and cultural identity* is mandatory.
2. The big screen – English in film-making
3. On the road – English and the experience of travel
4. Digital worlds – English for the web
EXPLORING EARLY CHILDHOOD

Faculty: TAS  BOS  31009
Units: 2 units
Status: CEC

Compulsory project / performance or major work: No
Prerequisites: Nil

Skills required or that will be developed in this course:
This course is designed for students who have an interest in the development of children or who may wish to work with children as a career. Students who complete this course are eligible to apply for the Red Cross Advanced Child Care Certificate. The course may be offered as: 1 Unit for one or two years, OR 2 units for one or two years.

Content:
Core Studies:
- Part A  Pregnancy and Childbirth
- Part B  Child Growth and Development
- Part C  Promoting Positive Behaviour

Modules - There are a number of modules that can be chosen, depending on the interests of the students. Some of these include:
- Food and Nutrition
- Starting School
- Play and the Developing Child
- Young Children and the Law
- Child Health and Safety
- Young Children with Special Needs
- Children’s Literature
- Young Children and the Media

FOOD TECHNOLOGY

Faculty: TAS  Preliminary: 11180
Units: 2 units  HSC: 15180
Status: BDC

Compulsory project or performance or major work: No
Prerequisites: Nil

Skills required or that will be developed in this course:
- An interest in Nutrition and the Food Industry
- An interest in food and the development of food habits
- Skills in researching, analysis, problem-solving, decision-making, critical thinking and communication
- Students will develop food preparation and meal planning skills

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

HSC Course:
- The Australian Food Industry (25%)
- Food Manufacture (25%)
- Food Product Development (25%)
- Contemporary Nutrition Issues (25%)
**HOSPITALITY KITCHEN OPERATIONS – VET**

**Faculty:** TAS 12640  
**Units:** 2 units  
**Status:** BDC, Category B

**Compulsory project or major work:** Mandatory work placements in Years 11 and 12. (70 hours total)
The Hospitality Industry curriculum framework gives students the opportunity to gain credit towards the NSW Higher School Certificate (HSC) and credit towards national vocational qualifications under the Australian Qualifications Framework (AQF).
This course is for students who wish to work in the industry. It fosters skills in communication and teamwork, work health and safety in the workplace, work placement organisation, and commercial cookery skills development. This is a competency based course where students are progressively assessed. The HSC examination is optional.

**Course Content**

BSBWOR203B  Work effectively with others  
SITXFSA101  Use hygienic practices for food safety  
SITXWHS101  Participate in safe work practices  
SITHIND201  Source and use information on the hospitality industry  
SITHCCC101  Use food preparation equipment  
SITHCCC201  Produce dishes using basic methods of cookery  
SITHKOP101  Clean kitchen premises and equipment  
SITXFA201  Participate in safe food handling practices  
SITHCCC207  Use cookery skills effectively  
SITHCCC202  Produce appetisers and salads  
SITHCCC204  Produce vegetable, fruit, egg & farinaceous dishes  
SITHCCC103  Prepare sandwiches  
SITHCCC102  Prepare simple dishes

**NOTE:**
- Satisfactory completion leads to a Certificate II in Kitchen Operations
- Uniform cost @ $75 – Tool Kit @ $85 or available for hire. Fees apply for food.

See Appendix for detailed Course information

**INFORMATION AND DIGITAL MEDIA TECHNOLOGY – VET**

**Faculty:** Computing Studies  
**Preliminary:** 12980  
**Units:** 2 units  
**HSC:** 16320  
**Status:** BDC, Category B  
**HSC Exam:** 16365

**Compulsory project or performance or major work:** Mandatory work placements in Years 11 and 12 (70 hours)

**Prerequisites:** Nil

**Course Overview:**
The new Vet HSC Information Technology course has been designed to enable students to acquire a range of technical, practical, personal and organizational skills that are valued with and beyond the workplace.
The purpose of the course is to provide students with the opportunity to gain knowledge and skills that enable the individual to be an effective Information and Communication Technology user and/or employee.
Students will also be able to acquire skills and knowledge related to work, employment and further training within the Information and Communication technology industry.
The HSC course also provides students with the opportunity to achieve competencies that will lead to them gaining Certificates II and III in Information Technology that are nationally recognised qualifications as part of the Australian Qualifications Framework (AQF). In addition these qualifications leads to higher-level qualifications in Information and Communication Technology which students may pursue at TAFE and University.

**Content:**
This program features industry computer applications, installations of operating systems eg Windows 8, web technology using web design and animation software plus basic fault finding and care of hardware. Upon completion of this course students will be well suited to follow a career in areas such as:
- Computing software and hardware development
- Information systems management
- Telecommunications

See Appendix for detailed Course information
**LANGUAGE ITALIAN BEGINNERS**

**Faculty:** LOTE

**Preliminary 15790**

**Units:** 2 units for each Preliminary and HSC

**Status:** BDC, Category A

**Course Description**

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

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

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

**Main Topics Covered**

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

**LANGUAGE MODERN GREEK BEGINNERS**

**Faculty:** LOTE

**Preliminary: 15970**

**Units:** 2 units for each Preliminary and HSC

**Status:** BDC, Category A

**Course Description**

In the Preliminary and HSC courses, students will develop the linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in Modern Greek.

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

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

**Main Topics Covered**

- Family life, home and neighbourhood
- People, places and communities
- Education and work
- Friends, recreation and pastimes
- Holidays, travel and tourism
- Future plans and aspirations.
**MODERN GREEK CONTINUERS**

**Faculty:** LOTE  
**Preliminary:** 15980  
**Units:** 2 units for each Preliminary and HSC  
**Status:** BDC, Category A  

**Prerequisites:** School Certificate Modern Greek or equivalent is assumed  

**Course Description**  
The Preliminary and HSC courses have, as their organisational focuses, prescribed themes and related mandatory topics.  

Students’ skills in, and knowledge of Modern Greek 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 Greek-speaking communities through the study of a range of texts.  

**Prescribed Themes**  
**The individual**  
- Personal identity  
- Relationships  
- The school experience  

**The Greek-speaking communities**  
- Lifestyles  
- Special Traditions  
- People and Events  
- The Migrant Experience  

**The Changing World**  
- Youth Issues  
- The World of Work  

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

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**LEGAL STUDIES**

**Faculty:** HSIE  
**Preliminary:** 11220  
**Units:** 2 units  
**HSC:** 15220  
**Status:** BDC  

**Compulsory project or major work:** No  

**Prerequisites:** Nil  

**Skills required and that will be developed:** Students will develop skills in analysis and independent research.  

**Content:**  
Our daily lives are governed by thousands of rules, regulations and laws. Where do they come from? How are penalties decided? How does Aboriginal law operate and when does it apply? How does the court system operate? What are our rights and responsibilities as citizens? How does the law change?  

- This course is designed to develop an understanding of the law and to prepare students with life skills to enable them to take part in society.  
- It fosters a respect for cultural diversity and promotes tolerance.  
- It encourages students to think critically on the role of law and to develop confidence in approaching and accessing the legal system.  

**Preliminary course:**  
1. The legal system  
2. The individual and the law  
3. The law in practice  

**HSC course:**  
1. Crime  
2. Human rights  
3. Family Law  
4. Shelter
**MATHEMATICS**

**Faculty:** Mathematics  
**Preliminary:** Preliminary: 11240

**Units:** 2 units  
**HSC:** 15240

**Status:** BDC

**Compulsory project or performance or major work:** No

**Prerequisites:** Mathematics Stage 5.3

**Skills required that will be developed in this course:**

**Content:**

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

- **HSC Course**
  - Co-ordinate methods in geometry
  - Applications of geometrical properties
  - Geometrical applications of differentiation
  - Integration
  - Trigonometric functions
  - Logarithmic and exponential functions
  - Applications of calculus to the physical world
  - Probability
  - Series and series applications

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**MATHEMATICS GENERAL**

**Faculty:** Mathematics  
**Preliminary:** Preliminary: 11235

**Units:** 2 units  
**HSC:** 15235

**Status:** BDC

**Compulsory project or performance or major work:** No

**Prerequisites:** Mathematics Stage 5.2, 5.3

**Skills required that will be developed in this course:**

**Content:**

- **Preliminary Mathematics General course**
  - Strand: Financial Mathematics
  - Strand: Data and Statistics
  - Strand: Measurement
  - Strand: Probability
  - Strand: Algebra and Modelling
  - Focus Study: Mathematics and Communication
  - Focus Study: Mathematics and Driving

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

**Equipment:** Optional Graphics Calculator $150
MATHEMATICS GENERAL 1

Faculty: Mathematics  Preliminary: 11235 Prelim
Units: 2 units  HSC: 30120
Status: Prelim(BDC)

Compulsory project/performance or major work: No

Prerequisites: Mathematics Stage 5.1

Course Description:
The Preliminary Mathematics General course and the HSC Mathematics General 1 (Content Endorsed) course (CEC) are designed to promote the development of knowledge, skills and understanding in areas of mathematics that have direct application to the broad range of human activity. The Preliminary Mathematics General Course content is written in five Strands and two Focus Studies. The HSC Mathematics General 1 course content is written in the same five Strands and includes a further four Focus Studies. As well as introducing some new mathematical content, the Focus Studies give students the opportunity to apply and develop, in contemporary contexts, the knowledge, skills and understanding initially developed in the study of the Strands.

The Preliminary Mathematics General Course is the same preliminary course that forms part of the Preliminary Mathematics General/HSC Mathematics General 2 pathway. The Preliminary Mathematics General/HSC Mathematics General 1 pathway provides students with the opportunity to develop an understanding of and competence in further aspects of mathematics for concurrent HSC studies, such as in vocational education and training courses, other practically oriented courses, and some humanities courses. It also provides an appropriate mathematical background for students entering the workforce and/or undertaking further training.

Note: As for other content Endorsed Courses, the HSC Mathematics General 1 course will be subject to internal assessment only, and not formal examination at the HSC. Also, the two units of study for the HSC Mathematics General 1 course cannot be counted in the 10 units required for the calculation of an ATAR. (NO ATAR).

Main Topics Covered:
Preliminary Mathematics General Course
- Strand: Financial Mathematics
- Strand: Data and Statistics
- Strand: Measurement
- Strand: Probability
- Strand: Algebra and Modelling
- Focus Study: Mathematics and Communication
- Focus Study: Mathematics and Driving

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

**Faculty:** Mathematics  
**Preliminary:** 11250  
**Units:** 1 unit extension  
**HSC:** 15250  
**Status:** BDC  

**Compulsory project or performance or major work:** No

**Prerequisites:** Mathematics Stage 5.3 and Mathematics Extension Course  
**Co requisite:** Preliminary Mathematics Course

**Skills required that will be developed in this course:**

**Content:**

**Preliminary course**
- Other inequalities  
- Further trigonometry  
- Angles between two lines  
- Parametric representation  
- Harder applications of the Preliminary Mathematics course  
- Circle Geometry  
- Polynomials  
- Combinations and Permutations  
- Internal & External division of lines into given ratios

**HSC Course**
- Methods of integration  
- Primitives of $\sin^2 x$ and $\cos^2 x$  
- Exponential growth and Decay $\frac{dN}{dt} = K(N - P)$  
- Velocity and acceleration as a function of $x$  
- Projectile motion  
- Simple Harmonic motion  
- Inverse functions and inverse Trig. Functions  
- Induction  
- Binomial theorem  
- Further probability  
- Iterative methods for numerical estimation of the roots of a polynomial equation  
- Harder applications of HSC Mathematics topics

## MODERN HISTORY

**Faculty:** HSIE  
**Preliminary:**

**Units:**

**HSC:**

**Status:**

**Compulsory project or performance or major work:**

**Prerequisites:**

**Co requisite:**

**Skills required that will be developed in this course:**

The study of Modern History contributes to the development of skills including the fluent communication of thoughts and ideas gleaned from the critical analysis of primary and secondary sources. The ability to deconstruct texts and narratives, pose intelligent questions, test hypotheses and make critical use of information technologies.

**Content:**

Modern History challenges students to consider the great social, technological, economic, political and moral transformations from the late eighteenth century to the present. It requires students to analyse the causes, progress and effects of these transformations and to make judgements about them.

**Preliminary course**

Part I: Case Studies (2) – The Assassination of JFK; Arab & Israeli Conflict

ONE case study must be from Europe, North America or Australia.  
ONE case study must be from Asia, the Pacific, Africa, the Middle East or Central/South America.

Part II: Historical Investigation

Part III: Core Study: The World at the Beginning of the Twentieth Century

**HSC Course:**

Part I: Core Study: World War I 1914–1919: A Source-based Study

Part II: ONE National Study – Hitlers Germany

Part III: ONE Personality in the Twentieth Century

Part IV: ONE International Study in Peace and Conflict
**MUSIC 1**

**Faculty:** Creative Arts  
**Preliminary:** 11280

**Units:** 2 units Course 1  
**HSC:** 15290

**Status:** BDC

**Compulsory project or performance or major work:** Yes  
Everyone must perform one piece

**Prerequisites:** Nil

**Skills required and that will be developed in this course:**
The study of Music will develop the talents and capacities of the students – emotional, intellectual, social, spiritually, creative and expressive – as well as developing self confidence and self esteem.

**Content:**
The Preliminary course consists of both practical and theoretical components designed to ensure the development of the skills and knowledge necessary for the successful completion of the HSC course.

The course consists of the following strands:

- **Performance**
  - Solo
  - Vocal
  - Compositions

- **Composition**
  - Improvising
  - Notating

- **Musicology**
  - Music history
  - Research

- **Aural**
  - Concepts of music
  - Music of various cultures and styles

**Music 2** may be available for some students. Students who study Music 2 may be able to add the Music Extension course in the HSC year (please see your teacher).

1. **Practical**
   - The exam consists of a choice of electives from composing Performing or Viva Voce
2. **Written**
   - An aural paper writing about 4 pieces of music using features of the concepts of music.

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**PERSONAL DEVELOPMENT / HEALTH / PHYSICAL EDUCATION**

**Faculty:** PD / H / PE  
**Preliminary:** 35017

**Units:** 2 units  
**HSC:** 35017

**Status:** BDC

**Compulsory project or performance or major work:** No

**Skills required and that will be developed in the course:**
The PDHPE course aims to develop in each student the capacity to think critically about key issues related to health and physical activity, in order to make informed decisions that support and contribute to healthy, active lifestyles and communities.

**Content:**

- **Preliminary Course**
  - Examines a range of areas that underpin Health and Physical Activity
  - Core 1 – Better Health for Individuals
  - Core 2 – The Body in Motion
  - Options – Students have the opportunity to select two topics from a range of practical options in areas such as first aid, outdoor recreation (three day camp), composing and performing and fitness choices. Students achieve Senior First Aid Certificate.

- **HSC Course**
  - Examines major issues related to Australia’s health status
  - Core 1 – Health Priorities In Australia
  - Core 2 – Factors Affecting Performance
  - Students undertake two optional studies from a wide range of choices including: an investigation of the health of young people and groups experiencing health inequalities, improving sports performance, sports medicine and the treatment/prevention of sports injuries, and the factors that impact on sport and physical activity in Australia.
PHOTOGRAPHY, VIDEO AND DIGITAL IMAGING

Faculty: Creative Arts Preliminary: 35228
Units: 2 units HSC: 35228
Status: BEC

Compulsory project or performance or major work: Yes
70% Practical
30% Theory

Skills required that will be developed in this course:
There are no pre-requisites for studying the Photography, Video and Digital Imaging course. Students will develop knowledge, skills and understanding of traditional darkroom photography, digital imaging and video production through the study of photography and film and through their own photographic practice.

Content:
Traditional darkroom (wet) photography: Students learn about film cameras, composing photographs, using studio lighting in portraiture and in photographing objects, such as in the advertising industry. Students learn to operate enlargers and print their own photographs, as well as adding special effects to photographs. They will explore photographic icons from history and recent images.

Digital Imaging: Students explore the creative potential of Adobe Photoshop, the software used in the advertising and design industry. They will work on projects ranging from surreal juxtapositions and layered creative montages to graphic design projects such as packaging, DVD covers and advertising.

Video: Students explore the creative possibilities of film production. They learn to operate cameras and use video editing software to add special effects, transitions, titles and layers of sound. Some of the projects include: film trailers, TV commercials, music videos, documentaries, animations and short films. Students explore classic cinema and more contemporary 'arthouse' films.

PHYSICS

Faculty: Science Preliminary: 11310
Units: 2 units HSC: 15330
Status: BDC

Compulsory project or performance or major work: No

Prerequisites: It is strongly recommended that students have a School Certificate, Science Grade A, B or C and School Certificate Stage 5.3 Mathematics.

Skills required and that will be developed in this course:
- Planning Investigations
- Conducting Investigations
- Communicating information and understanding
- Developing scientific thinking and problem solving techniques
- Working individually and in teams

Content:
- Provides students with a contemporary and coherent understanding of energy, matter and their interrelationships
- Focuses on investigating natural phenomena and the applying patterns, models (including mathematical ones), principles, theories and laws to explain the physical behaviour of the universe

Preliminary Course
- The World Communicates
- Electrical Energy in the Home
- Moving About
- The Cosmic Engine

HSC Course
- Space
- Motors and Generators
- From Ideas to Implementation

PLUS ONE of the following options:
- Geophysics
- Medical Physics
- Astrophysics
- From Quanta to Quarks
- The Age of Silicon
**RETAIL – VET**

**Faculty:** H.S.I.E.  
**Preliminary:** 12590  
**Units:** 2 units  
**HSC:** 16500  
**Status:** BDC, Category B  
**HSC Exam:** 16515

**Compulsory project or major work:**
Involves mandatory work placement in years 11 and 12

**Prerequisites:** Nil

**Skills required and that will be developed:**
National Retail Competencies

**Content:**
Retail is not about standing behind a shop counter. It involves establishing contact with customers, processing information, selling skills, product knowledge, working in a team, maintaining personal presentation, following routine instructions, reading and interpreting retail documents, using numbers in the workplace, acting responsibly, responding to customer complaints and dealing with customers with special needs.
- Maintain a safe work environment
- Maintain and organise work areas
- Apply keyboard skills and operating equipment during work placement
- Minimizing theft
- Deal with transactions, packing and wrapping
- Reconcile takings
- Stock control

The Retail course was developed under an industry curriculum framework with the same national modules as delivered by TAFE and the Retail Industry.
- Students gain credit towards the HSC and credit towards national vocational qualifications under the Australian Qualifications Framework (AQF).
- Students also have the option of sitting for an HSC exam and may count the result towards their ATAR.
- Assessment of their performance is competency-based.

See Appendix for detailed Course information

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**SENIOR SCIENCE**

**Faculty:** Science  
**Preliminary:** 11320  
**Units:** 2 units  
**HSC:** 15340  
**Status:** BDC

**Compulsory project or performance or major work:** No

**Prerequisites:** Nil

**Skills required and that will be developed in this course:**
- Planning Investigations
- Conducting Investigations
- Communicating information and understanding
- Developing scientific thinking and problem solving techniques
- Working individually and in teams

**Content:**
The study of science provides students with an understanding of some of the basic laws, theories and principles of Biology, Chemistry, Physics and Environmental Science and their application. The course encourages students to develop a range of practical skills and an increased ability to communicate understanding.

**Preliminary Course**
- Water for Living
- Plants
- Humans at Work
- The Local Environment

**HSC Course**
- Lifestyle Chemistry
- Medical Technology — Bionics
- Information Systems

**PLUS ONE** of the following options
- Polymers
- Preservatives and additives
- Pharmaceuticals
- Disasters
- Space Science
**SOCIETY AND CULTURE**

**Faculty:** H.S.I.E.  
**Preliminary:** 11330  
**Units:** 2 units  
**HSC:** 15350  
**Status:** BDC

**Compulsory project/ performance or major work:** Personal Interest Project is worth 40% of course mark.

**Skills required and that will be developed in this subject:**
- Collecting, analysing and organising information
- Communicating ideas and information
- Planning and organising activities
- Working with others and teams
- Solving problems
- Using mathematical ideas and techniques
- Using technology

**Content:** Society & Culture examines the interactions and behaviours of people, societies, cultures, environments and the impact of time.

**Preliminary Course**
- The Social and Cultural World
- Personal and Social Identity
- Intercultural Communication

**HSC Course**
Core
- Personal Interest Project
- Social and Cultural Continuity and Change
- Depth Studies
Two to be chosen from the following:
- Popular Culture
- Belief Systems
- Equity and Difference
- Work and Leisure

The Personal Interest Project is a compulsory individual research project of 5000 – 7000 words. This project is externally marked by the NSW Board of Studies and counts as 40% of the final HSC mark. The HSC exam is worth the remaining 60% of the course mark.

**SPORT, LIFESTYLE AND RECREATION**

**Faculty:** PD/H/PE  
**Preliminary:** 35017  
**Units:** 2 Units  
**HSC:** 35017  
**Status:** CEC

**Compulsory project, performance or major work:** Nil

**Sport, Lifestyle and Recreation** makes a positive contribution to the total wellbeing of students. They develop knowledge and understanding of the value of activity, increased levels of movement skill, competence in a wide variety of sport and recreation contexts and skills in planning to be active. These and other aspects of the course enable students to adopt and maintain an active lifestyle.

This course caters for a wide range of student needs. It can assist students in developing:
- qualities of a discerning consumer and an intelligent critic of physical activity and sport
- high levels of performance skill in particular sports
- the capacity to adopt administrative roles in community sport and recreation
- the skills of coach, trainer, first aid officer, referee and fitness leader. In the context of this course if may be possible for students to acquire recognised qualifications in these areas.

The course features a highly practical focus

The areas of sports science, physical education and human movement present viable post-school study and career pathways.

**Modules**

The modules in Sport, Lifestyle and Recreation are: (6-12 Modules covered in 2 years)

1. Aquatics
2. Athletics
3. Dance
4. First Aid and Sports Injuries
5. Fitness
6. Games and Sports Applications I
7. Games and Sports Applications II
8. Gymnastics
9. Healthy Lifestyle
10. Individual Games and Sports Application
11. Outdoor Recreation
12. Resistance Training
13. Social Perspectives of Games and Sports
14. Sports Administration
15. Sport Coaching & Training
SOFTWARE DESIGN & DEVELOPMENT

 Faculty: Computing Studies
 Preliminary: 11340
 Units: 2 units
 HSC: 15360
 Status: BDC

 Compulsory project or performance or major work: Yes

 Prerequisites: Nil – knowledge of computers and processes would help. As a guide to the difficulty of this subject you should be in at least one Advanced class or a top Intermediate class.

 Skills required and that will be developed in this subject: Students need to be able to work through lines of code and instructions in a very careful and systematic way. You will need to appreciate the complex technical aspects of computing and be prepared to spend time on problem solving, planning and creating solutions.

 Different approaches to software solutions. Defining software problems, coding in approved programming languages. Documentation for future users, the software development cycle, testing and evaluation.

 Content: This course is for students who are interested in the fields of software design and development. It will give them the opportunity to create appropriate software solutions.

 - Practical experience occupies a minimum of 20% of the Preliminary course and 25% of the HSC course. The HSC course builds on the Preliminary course and should lead to solving a number of interesting and relevant software problems.
 - Assessment tasks include a number of practical tasks and a major project. The theory sections will be covered by topic tests with an exam at the end of the Preliminary and HSC courses.

 TEXTILES AND DESIGN

 Faculty: TAS
 Preliminary: 11370
 Units: 2 units
 HSC: 15390
 Status: BDC

 Compulsory project /performance or major work: Yes

 Prerequisites: Previous experience in Textiles & Design is not essential however an interest in working with a variety of textile materials is a must. Ability to work independently is desirable.

 Skills required & that will be developed in this subject: Students will develop skills in designing, constructing and communicating. Practical experiences are integrated throughout the content areas including experimental & project work.

 Content:
 Preliminary Course
 - Design (40%)
 - Properties & Performance of Textiles (50%)
 - The Australian Textiles, clothing, footwear & Allied Industries (10%)

 HSC Course
 - Design (20%)
 - Properties & performance of Textiles (20%)
 - The Australian Textiles, Clothing, Footwear & Allied Industries (10%)
 - Major Textile Project (50%)

 HSC mark is made up of:
 Exam - 1½ hours (50%).
 Major Design Project (50%)
VISUAL ARTS

Faculty: Creative Arts  Preliminary – 11380
Units: 2 units  HSC – 15400
Status: BDC

Compulsory project: Yes
Submission of a Body of Work (BOW) 50% / Written Paper 50%

Prerequisites: Nil
Students do not need to have studied Visual Arts in Years 9 and 10 to undertake the HSC course. Students should also be aware that they do not need to be able to draw to do Visual Arts. They could submit their body of work in photography or ceramics for example.

Skills that will be developed in this course:
In the Preliminary course students will have the opportunity to explore a range of media, techniques, artists and their works. For the HSC course, students specialise, working in an area of interest to them to submit the body of work. Students will develop their creative skills and the ability to write about artists and their works.

Visual Arts is a UAI subject.

Content: Preliminary Course
• Students explore a range of art forms in order to identify their strengths. They can explore drawing, painting, sculpture, ceramics, photography, digital imaging, film, sound, installations and projections and layered mixed media imaging in their art making.
• A range of artworks from history and the present are explored. Students continue to use the frames and the conceptual framework in their studies of Visual Arts.

HSC Course
• Students develop their own ideas to form the basis of the body of work. (50% of HSC mark). Expressive forms include: sculpture, photography, collection of works, video, drawing, painting, ceramics, documented forms, textiles and fibre, digital media and design.
• In depth case studies on topics including: Art and technology, Feminism, Contemporary Aboriginal Art, Postmodernism, and contemporary Asian Art. Students will view a number of exhibitions throughout their studies of Visual Arts.