The Senior High School provides you with opportunities to take different pathways to your preferred future.

This booklet is designed to help you choose the appropriate pathway and the most suitable subjects for study in Years 11 and 12. The subject choice decisions you make now will give you the opportunity to plan for your future.

The HSC is an internationally recognised credential which provides a strong foundation for post school life. Whether you pursue tertiary qualifications, vocational training or move directly into the workforce, the HSC qualification will equip you with the necessary skills and knowledge to make a meaningful contribution to your chosen field.

To ensure that your decisions are appropriate, you are advised to:

1. carefully read the information provided in this booklet

2. investigate the requirements for your possible career interests by obtaining information from the Careers Adviser

3. check with your teachers about your ability with relation to the specific courses/subjects you may be considering, and the workload that will be expected of you. Read your Semester One reports carefully as current performance is the best indicator of future performance. Be realistic about your selections.

4. take responsibility for your own learning. You have control of your future.

All the best for the next two years.

David Osland
Principal
2017
CONTENTS

PRINCIPAL’S MESSAGE 2
STUDYING FOR THE HIGHER SCHOOL CERTIFICATE 5
Eligibility for the HSC 5
The HSC Curriculum 5
Types of Courses 5
Units of Study 6
Mandatory Study Requirements 7
HSC PATHWAYS 7
Accumulation of the HSC 7
Repeating a Course 7
Acceleration 7
Part time Traineeships and Apprenticeships 7
AUSTRALIAN TERTIARY ADMISSION RANK (ATAR) 8
HSC Subjects Bonus Scheme 8
ASSESSMENT AND REPORTING 8
ALL MY OWN WORK 9
EXTERNAL STUDY 9
SUBJECT SELECTION PROCESS 9
Subjects that will run 9
CHATSWOOD HIGH SCHOOL - YEAR 11 COURSE CHOICES 10
Summary Table 10
COURSE SELECTION ADVICE CHECKLIST 11
BOARD DEVELOPED COURSE DESCRIPTIONS 12
Ancient History 12
Biology 13
Business Studies 14
Chemistry 15
Chinese and literature 16
Chinese Beginners 17
Chinese Continuers 18
Design and Technology 19
Drama 20
Earth and Environmental Science 21
Economics 22
Engineering Studies 23
English: Advanced 24
English: Standard 25
English: EAL/D (English as another Language/Dialect) 26
English: Extension 1 27
Geography 28
Industrial Technology: Timber Products and Furniture Technologies 29
Industrial Technology: Multimedia Industries 30
Information Processes and Technology 31
Japanese: Beginners 32
Japanese: Continuers 33
Legal Studies 34
Mathematics 35
Mathematics Extension 1 36
Mathematics Extension 2 37
Mathematics: Standard 38
Modern History 39
Music 1 40
Music 2 41
Personal Development, Health and Physical Education 42
Physics 43
Society and Culture 44
Software Design and Development 45

Disclaimer: All efforts were made to ensure the information contained within this book were correct at the time of publication. At all times CHS will be guided by NESA requirements. For any and all questions, please seek advice from a Deputy Principal.
STUDYING FOR THE HIGHER SCHOOL CERTIFICATE

The Higher School Certificate (HSC) recognises 13 years of education. In the interests of greater career choices and increased opportunities, at university and TAFE NSW, it offers you a full range of study areas matching individual abilities, interests and goals.

The HSC is the highest educational award you can gain in New South Wales schools. It is an internationally recognised credential that provides a strong foundation for the future, whether you wish to pursue tertiary qualifications, vocational training or employment.

ELIGIBILITY FOR THE HSC

To be eligible for the award of the HSC students must:

- satisfactorily complete the pattern of study required by the NSW Education Standards Authority (NESA). That is, study an approved pattern of Year 11 and Year 12 courses and complete a sufficient number of courses within five examination years
- complete the requirements of each course, including any prescribed practical, oral or project works required for specific courses
- complete the assessment requirements for each course
- sit for, and make a serious attempt, at the HSC examinations.

THE HSC CURRICULUM

As you begin considering your course preference list it is important that you familiarise yourself with the names used to describe courses on offer as this can potentially have a considerable impact on your eligibility for an Australian Tertiary Admission Rank (ATAR) which is a prerequisite for university entry.

A subject is the general name given to an area of study, for example English, and a subject may offer one or more courses (Advanced English, Standard English, etc.).

English, Mathematics, Science, History, Music and some Languages are subjects which offer more than one course. The other subjects each offer one 2 unit course.

TYPES OF COURSES

Board Developed Courses
These are courses for which NESA develops a syllabus setting out the aims, objectives, outcomes, structure and content. Most Board Developed HSC courses, including the VET framework courses, may contribute to the calculation of the ATAR.

Board Developed Life Skills Courses
Life Skills courses are Board Developed courses that provide an alternative HSC for students with special learning needs. They are not examined externally and do not contribute to an ATAR.

Board Endorsed HSC Courses
These courses count towards the HSC and are listed on your Record of Achievement. However, they do not count towards the calculation of the ATAR.

Board Endorsed Courses are divided into two categories:
- School-designed Courses – these are developed by individual schools in response to local interest or need and endorsed by the NESA.
- Content Endorsed Courses – these fall into two categories: general CECs and TAFE-delivered CECs. They have syllabuses endorsed by the Board of Studies to cater for areas of special interest not covered in the Board Developed Courses.
There is no external examination for any Content Endorsed Course or School Designed Course, but all Board Endorsed Courses count towards the HSC and appear on your Record of Student Achievement (RoSA).

**Board Developed Vocational Education and Training (VET) Courses**

There are Board Developed and/or Board Endorsed courses in VET. These VET courses are offered as part of the HSC. They teach skills that are relevant to future study and employment. They allow for both HSC qualifications and Australian Qualifications Framework (AQF) accreditation.

The AQF qualifications are recognised by industry and employers throughout Australia and give students advanced standing in related study at TAFE NSW and private registered providers. You receive documents that report the competencies you have achieved and an AQF Certificate or Statement of Attainment.

VET courses are classified as CATEGORY B courses and only ONE of the VET frameworks will be accepted when calculating the ATAR. Students must study the 240 hour course and undertake the optional written examination to have the course contribute to the ATAR calculation.

Board Developed (Category B) VET courses will be offered at Chatswood High School for the HSC in the following industry frameworks:

- Business Services (Administration)
- Construction
- Hospitality

**COURSES SUMMARY TABLE**

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Board Developed</th>
<th>Life Skills</th>
<th>Board Endorsed</th>
<th>VET</th>
</tr>
</thead>
<tbody>
<tr>
<td>example</td>
<td>Mathematics</td>
<td>Life Skills</td>
<td>Psychology</td>
<td>Hospitality</td>
</tr>
<tr>
<td>HSC eligible</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>ATAR eligible</td>
<td>✔</td>
<td>✗</td>
<td>✗</td>
<td>✔ One ONLY</td>
</tr>
</tbody>
</table>

If you are interested in other VET / TAFE or additional courses, see External Course Information.

**UNITS OF STUDY**

Most courses offered for the HSC have a value of two units (2 unit) in Year 11 and two units in Year 12. Each unit requires approximately 60 hours of study per year. Each one unit has a mark value of 50. A two unit course over two years requires approximately 240 hours of study. Most courses have a value of two units with a mark value of 100.

Some exceptions are some:
- Content Endorsed Courses
- Extension Courses.

Extension study at Chatswood High School is available in English, Mathematics, History and Music. Extension courses allow students to study at a more intensive level in diverse but specific areas. Extension courses have an additional 1 unit (50 marks) value.

English Extension 1 and Mathematics Extension 1 begin in Year 11 and continue into Year 12. Students wishing to further their study in those subjects may choose to study the Extension 2 course in Year 12. Extension 2 requires students to work beyond Extension 1 standard.

Extension History and Extension Music are courses that begin in Year 12.
MANDATORY STUDY REQUIREMENTS

English is the only compulsory HSC subject.

To be eligible for the award of the HSC you must satisfactorily complete at least:
- 12 units in your Year 11 study pattern (Year 11 = 3 terms)
- 10 units in your Year 12 pattern. (Year 12 = 4 terms starting Term 4 Year 11)

Both study patterns must include:
- At least two units of a Board Developed course in English
- At least six units of Board Developed Courses
- At least three courses of 2 unit value or greater
- At least four subjects

No more than six units of courses in Science can contribute to the 12 Year 11 and the 10 Year 12 units required for the award of the HSC. In the HSC, Senior Science cannot be studied with any other science course, e.g. Physics, Chemistry, Biology, Earth and Environmental Science.

HSC PATHWAYS

Most students follow a two year program of study in Years 11 and 12 leading to the award of the HSC. NESA also provides access for those people who wish to combine their studies with employment or other responsibilities, such as family care.

The Pathways provisions listed allow flexibility in obtaining the HSC.

ACCUMULATION OF THE HSC

Students may accumulate an HSC over a five year period. The five year period will commence in the first year a student attempts an HSC examination or completes an HSC VET course.

Students accumulating an HSC will receive a Results Notice for each calendar year of study. The cumulative record will record all Year 11 and Year 12 courses satisfactorily completed, including repeat attempts. The mark of the final attempt in a particular course is the mark used for the calculation of the ATAR. By the end of the period of accumulation, all Year 11 and Year 12 pattern of study requirements need to be met. In subjects that include extension courses, you may accumulate by presenting the 2 unit course in one year and the extension course in a later year.

REPEATING A COURSE

You may repeat one or more HSC courses, but you must do so within the five year accumulation period. In the calculation of the Australian Tertiary Admissions Rank (ATAR), the most recent mark in a course will be used.

ACCELERATION

Students may undertake Year 11 or Year 12 courses in advance of their usual cohort. Acceleration gives more able students the opportunity to progress through their study requirements at a faster rate than usual by completing the course content in a shorter time and accumulating results. Decisions about acceleration will be made by the Principal.

PART TIME TRAINEESHIPS AND APPRENTICESHIPS

In some cases HSC Studies can be undertaken at the same time as a part time traineeship or apprenticeship. Both combine paid work and training that leads to a recognised Australian Qualifications (AQF) VET qualification. These can only be undertaken in very special areas of VET. See the Careers Adviser.
AUSTRALIAN TERTIARY ADMISSION RANK (ATAR)

The Australian Tertiary Admission Rank (ATAR) is a number between 0 and 99.95 with increments of 0.05. It provides a measure of a student’s overall academic achievement in the NSW HSC in relation to that of other students and assists institutions to rank applicants for tertiary selection. It is calculated by the institutions and released by UAC. The ATAR is a rank not a mark.

Further details on the ATAR can be obtained from the Universities Admission Centre (UAC) www.uac.edu.au

To be eligible for an ATAR you must satisfactorily complete at least 10 units of Board Developed Courses including at least 2 units of English.

The ATAR is calculated using an aggregate of scaled marks (average of examination and assessment marks) in 10 units of Board Developed courses comprising either:

- the best 2 units of English; plus 8 units from Category A courses.
  OR
- 8 units of Category A courses (including English) and 2 units of Category B courses (i.e. one Category B subject).
  Students must complete the HSC exam for the Category B course.

HSC SUBJECTS BONUS SCHEME

If you are a student sitting the HSC in 2019 and will be receiving an ATAR you may be eligible for bonus ATAR points under the HSC Subjects Bonus Scheme. Bonus ATAR points are awarded to students who perform well in HSC subjects that are relevant to the specific undergraduate degree program/s they wish to study at many universities. Not all university courses may be eligible for bonus ATAR points.

ASSESSMENT AND REPORTING

The HSC is based on a standards referenced framework. Student performance is assessed and reported against standards of achievement established for each course.

School-based assessment tasks constitute 50% of the HSC mark. The other 50% comes from the HSC examination.

The HSC mark for 2 unit courses is reported on a scale of 0 - 100. A mark of 50 represents the minimum standard expected. There are 5 performance bands above 50 that correspond to different levels of achievement in knowledge, skills and understanding. Band 6 corresponds to the highest level of achievement, indicating a range of marks between 90 and 100.

HSC results for VET courses are delivered at two levels. Assessment is competency based, with students receiving a competency log. An external exam is optional and will represent 100% of their mark in this course for the HSC.

Complete school-based assessment tasks for each Board Developed HSC Course, other than VET courses, is required. For VET courses a competency based assessment program will apply.

School-based assessment tasks are designed to measure performance in a wider range of objectives than may be tested in an examination. Assessment tasks may include tests, written or oral assignments, practical activities, fieldwork and projects. The assessment requirements for each Board Developed Course are set out in each syllabus.

On satisfactory completion of the HSC students receive the following:

- The HSC Testamur
- The HSC Record of Achievement (RoSA to be downloaded from the NESA website). This includes the HSC examination mark, assessment mark, HSC mark and Performance Band for each HSC course satisfactorily completed (except VET courses)
- AQF Certificate in VET
ALL MY OWN WORK

To be eligible for an HSC all students must complete the HSC: All My Own Work program or its equivalent. The program is designed to help HSC students to follow the principles and practices of good scholarship. This includes understanding and valuing ethical practices when locating and using information as part of their HSC studies.

If students are concerned about their abilities to meet the ethical and good scholarship requirements of a Stage 6 course then they should discuss this with a Year Adviser.

See also: All My Own Work

EXTERNAL STUDY

Some students will undertake patterns of study involving an external institution.

External Institutions Include:
- TAFE
- Saturday School of Community Languages
- Open High School
- North Shore Secondary School Partnership

Additional information on specific courses is available at the External Course Information section of this guide.

To ensure students undertake a successful pattern of study, Chatswood High School requires that students who take courses in these institutions must also ensure that they have 12 units of study at Chatswood High School until the end of the Term 1, after which time they may apply to their Deputy Principal to terminate a course to reach their minimum unit requirement (12 units). Students will need to supply proof of successful progress in their external course before permission will be given to terminate any course.

Students entering Year 11 who wish to undertake external study must complete the External Studies Application Form and bring this with them to the interviews. If initial approval to take an external course is given at the interview, students must complete the forms appropriate to each institution.

SUBJECT SELECTION PROCESS

Students will be making their subject selections online via the program Edval Webchoice (https://web.edval.com.au/).

It is a requirement of this program that students use their Department of Education email address (firstname.surname@education.nsw.gov.au)

Subject selection preferences can be changed as often as the student likes until Friday 16 June.

1. Ensure your education email is working and check it regularly for the invitation email with the link and your unique web-code
2. Go to https://web.edval.com.au/ and enter your unique code
3. Select the subjects you want, in order of PREFERENCE (this means the subject you list at the top is the one you want the most)
4. Click submit

SUBJECTS THAT WILL RUN

Once the preference portal has closed, the data will be downloaded and reviewed by the Principal and Executive who will determine which subjects run based on student choice and staff availability. Students who are not able to have a full complement of courses from their identified preferences will be asked to discuss their options with the Timetable Team and reselect their preferences.
## SUMMARY TABLE

<table>
<thead>
<tr>
<th>YEAR 11 AND YEAR 12 COURSES (alphabetical)</th>
<th>UNIT VALUE</th>
<th>Available</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient History</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Biology</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Business Studies</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chemistry</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chinese and Literature</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chinese: Continuers</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chinese: Beginners</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Design and Technology</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Drama</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Earth &amp; Environmental Science</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Economics</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Engineering Studies</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>English: Advanced</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>English: Standard</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>English: ESL</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>English Extension 1</td>
<td>1</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>English Extension 2</td>
<td>1</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Geography</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>History Extension 2</td>
<td>1</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Industrial Technologies – Timber and Furnishings</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Industrial Technologies - Multimedia</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Information Processes and Technology</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Japanese Beginners</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Japanese Continuers</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Mathematics Standard</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Mathematics Extension 1</td>
<td>1</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Modern History</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Music 1</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Music 2</td>
<td>2</td>
<td>✓</td>
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<tr>
<td>Music Extension</td>
<td>1</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>PDHPE</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Physics</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Society and Culture</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Software Design and Development</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Studies of Religion</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Psychology</td>
<td>1</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Sport, Lifestyle and Recreation</td>
<td>1</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

### VET YEAR 11 AND YEAR 12 COURSES

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Yr 11</th>
<th>Yr 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### VET YEAR 11 AND YEAR 12 COURSES

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>HOURS</th>
<th>UNIT VALUE</th>
<th>Availa</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Services</td>
<td>240</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Construction</td>
<td>240</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Hospitality</td>
<td>240</td>
<td>2</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**NOTE:** Where VET courses are studied for the HSC, two units ONLY may be counted towards an ATAR.

---

1. English Extension 2 is available only in Year 12. Extension 1 is a prerequisite for Extension 2.
2. History Extension is only available in Yr 12
3. Cannot be taken together.
4. Cannot be taken together.
5. Mathematics Extension 2 is available only in Year 12 by application. Extension 1 is a prerequisite for Extension 2.
COURSE SELECTION ADVICE CHECKLIST

Students and parents are encouraged to read the following points carefully:

☐ Students are most likely to succeed when they choose courses which align with their interests and abilities. Choosing a course that does not match your interests and abilities will not usually equate to high achievement in that course.

☐ Is there a good balance to the subjects selected? Are you ok across your junior subjects or do you perform better in classes that involve more (or less) writing?
  o Do your subjects complement one another? Do the skills or concepts covered in one course relate to content in another course?

☐ Friends can be a good sounding board for your thoughts about your pattern of study. However, picking a course because a friend is doing it is not a guarantee that you will be in the same class, nor does it have a direct bearing on your academic success.

☐ Be aware of any potential issues with your specific course combination, including eligibility for ATAR or the consequences if you want/need to drop a course moving into Year 12.
  o Not every student is seeking an ATAR – that is ok
  o You can only count ONE Category B course towards an ATAR

☐ Consider any additional course requirements listed. These requirements often take notable time away from other courses and students will need to be well-planned, motivated and organised to balance these requirements successfully
  o Does the course have a major work? Most teachers advise against undertaking two major work courses without careful consideration.
  o Does the course involve work placement or is it an external course that may take you away from your timetabled lessons? You are expected to complete any and all outstanding work during these times.

☐ Consider potential requirements for any areas of tertiary study you may be interested in. The Careers Adviser is an excellent source of advice and support on tertiary prerequisites.
  o If there are no prerequisites, then choosing courses that allow you to maximise your ATAR will give you as many options as possible!

☐ Ask ASK! Everyone wants you to make the best choice for you and your education. There are a range of places you can get more specific information to support your preference listing:
  o Information sessions provided by the Head Teachers
  o The Parent Information Evening
  o Your teachers, Head Teachers, teachers of that subject.
  o Ask for copies of the textbook or similar information sources
  o Look up the NESA syllabus online
  o Students currently doing the course
  o Careers Adviser for advice on careers, tertiary institution requirements, TAFE NSW courses and VET courses.
  o Deputy Principals regarding curriculum requirements and subject combinations.
  o University Entry Requirements Year 10 Booklet produced by University Admissions Centre (UAC) at http://www.uac.edu.au
**ANCIENT HISTORY**

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost: Nil</td>
<td></td>
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</tbody>
</table>

**Board Developed Course**

<table>
<thead>
<tr>
<th>Unit Value</th>
<th>ATAR Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

**Course Description:**

In this course, students are introduced to the ancient world through the study of ancient societies, personalities and different periods of Ancient History. The study of Ancient History has a strong focus on using archaeological and written sources to gain a deep understanding of the ancient past.

Students have the opportunity to explore their own areas of interest through the completion of a Historical Investigation and are able to use a wide range of media to present their findings. The new HSC encourages a variety of assessments to allow all students to follow their own interests in this course.

This course is particularly valuable to students who wish to develop their skills in analysis and writing. It also develops skills which will help them in many subjects (e.g. English, Legal Studies, Economics) in the HSC and at University.

**Topics covered may include:**

- Tutankhamun’s Tomb
- Rome
- Carthage
- The Celts
- The Shang Dynasty
- Troy

**Year 12 Course:**

- Core Study: Pompeii and Herculaneum
- 1 Ancient Society, e.g. Sparta
- 1 Personality, e.g. Xerxes
- 1 Historical Period, e.g. The Greek World 500-440 BC

**Particular Course Requirements:** NIL

**External Assessment:**

HSC – 3 hour examination

**STUDENTS ALSO HAVE THE OPPORTUNITY TO STUDY EXTENSION HISTORY IN YEAR 12 IF THEY STUDY EITHER MODERN OR ANCIENT HISTORY**

**Employment / University Opportunities:**

The writing and analysis skills developed in this course are particularly useful to students intending to study Law, Arts, Archaeology, Education, Business management/marketing or any media related courses.

Ancient History Stage 6 also provides a valuable foundation for a range of courses at University and other tertiary institutions. All courses at University require a high degree of communication skills and Ancient History provides an ideal foundation for this.

Other career links include: journalism, Psychology, Sociology, Human Resources, public relations, politics, foreign affairs officer, conservator, anthropologist, research officer, secondary teacher, museum curator, library work or any field where employers want applicants with a sound general knowledge who can think critically and flexibly and communicate effectively.
### Biology

<table>
<thead>
<tr>
<th>Board Developed Course</th>
<th>Unit Value</th>
<th>ATAR Category</th>
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<tbody>
<tr>
<td></td>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

**Prerequisites:** Satisfactory completion of Stage 5 Science  
**Exclusions:** Maximum of 6 units of Science

**Cost:** $35 (+ additional excursion and fieldtrip expenses)

**Course Description:**
The Biology course explores the diversity of life from a molecular to a biological systems level. The course examines the interactions between living things and the environments in which they live. It explores the application of biology and its significance in finding solutions to health and sustainability issues in a changing world.

Biology uses Working Scientifically processes to develop scientific investigative skills. It focuses on developing problem-solving and critical thinking skills in order to understand and support the natural environment. When Working Scientifically, students are provided with opportunities to design and conduct biological investigations both individually and collaboratively.

The study of biology, which is often undertaken in interdisciplinary teams, complements the study of other science disciplines and other STEM (Science, Technology, Engineering and Mathematics) related courses. Through the analysis of qualitative and quantitative data, students are encouraged to solve problems and apply knowledge of biological interactions that relate to a variety of fields.

The Biology course builds on the knowledge and skills of the study of living things found in the Science Stage 5 course. The course maintains a practical emphasis in the delivery of the course content and engages with the technologies that assist in investigating current and future biological applications.

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course</th>
<th>Year 12 Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Cells as the Basis of Life</td>
<td>- Heredity</td>
</tr>
<tr>
<td>- Organisation of Living Things</td>
<td>- Genetic Change</td>
</tr>
<tr>
<td>- Biological Diversity</td>
<td>- Infectious Disease</td>
</tr>
<tr>
<td>- Ecosystem Dynamics</td>
<td>- Non-infectious Disease and Disorders</td>
</tr>
</tbody>
</table>

**Particular Course Requirements:**
Scientific investigations include both practical investigations and secondary-sourced investigations. Practical investigations are an essential part of the Year 11 course and 12 course and must occupy a minimum of 70 hours of course time, including time allocated to practical investigations in depth studies.

Practical investigations include:
- undertaking laboratory experiments, including the use of appropriate digital technologies
- fieldwork.

Secondary-sourced investigations include:
- locating and accessing a wide range of secondary data and/or information
- using and reorganising secondary data and/or information.

One fieldwork exercise must be completed in Year 11.

**External Assessment:**
HSC Examination – to be confirmed by NESA

**Employment / University Opportunities:**

Biology, Medicine, Veterinary Science, Nursing, Environmental Science, National Parks and Wildlife Services
## BUSINESS STUDIES

<table>
<thead>
<tr>
<th>Unit Value</th>
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<td>2</td>
<td>A</td>
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</tbody>
</table>

**Prerequisites:** Nil  
**Exclusions:** Nil

**Cost:** Nil (site study and excursions as they arise)

### Course Description:

Business Studies is a subject that provides students with insight, knowledge and experience into the functioning of business from both a management perspective as well as a consideration of the role business plays in wider society.

Course content is contextualised with a focus on current case studies: Why did the Dick Smith retail chain go into administration? What drives the growth of Zara? What makes Australia’s most profitable company? How does Qantas maintain its market share in an increasingly competitive global tourism market? Students who have a good general knowledge of local, national and international businesses will be able to apply the ideas and terms used in Business Studies to great effect.

Business Studies concepts also relate to content covered in Economics, Legal Studies, and Business Services and so is a useful complement to these subjects. The focus on written work also complements work in English and History.

The literacy and analytical demands of this course are slightly less than other Social Science courses; however, the breadth of the course is considerable. It is well suited to students who will work hard in class, ask questions and engage in regular revision to ensure they are up to date with coursework. Students who utilise the news to stay informed will have an advantage in this course.

For more detail on the course, please review the NSW Business Studies Stage 6 Syllabus. If you have any questions, see any Geography or Commerce teacher.

### Main Topics Covered:

**Year 11 Course:**
- Nature of Business
- Business Management
- Business Planning

**Year 12 Course:**
- Operations
- Marketing
- Finance
- Human Resources.

### Particular Course Requirements:

Nil

### Assessment:

Current modes of assessment include in class tests, research reports and examinations. Students are required to respond and incorporate stimulus material into their responses.

The external HSC examination consists of a 3 hour paper.

### Employment / University Opportunities:

An interest and enthusiasm in Business Studies will contribute to maximising an ATAR result and will also provide the basis for continuing the study of Business, Marketing, Commerce, Economics or Laws at university.

Further, students wishing to enter the business work directly or run their own business will find the HSC component very useful in the practise of business management, including the accounting and legal frameworks.
**CHEMISTRY**

<table>
<thead>
<tr>
<th>Board Developed Course</th>
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<tbody>
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<td>2</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Prerequisites: Satisfactory completion of Stage 5 Science</th>
<th>Exclusions: Maximum of 6 units of Science</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Cost: $35 (+ additional excursion and fieldtrip expenses)</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Recommendation: successful study of Chemistry requires a good understanding of Mathematics, therefore students should be capable of at least the Mathematics 2 Unit course</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Course Description:</th>
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</thead>
<tbody>
<tr>
<td>The Chemistry course explores the structure, composition and reactions of and between all elements, compounds and mixtures that exist in the Universe. The discovery and synthesis of new compounds, the monitoring of elements and compounds in the environment, and an understanding of industrial processes and their applications to life processes are central to human progress and our ability to develop future industries and sustainability.</td>
</tr>
<tr>
<td>The course further develops an understanding of chemistry through the application of Working Scientifically skills. It focuses on the exploration of models, understanding of theories and laws, and examination of the interconnectedness between seemingly dissimilar phenomena.</td>
</tr>
<tr>
<td>Chemistry involves using differing scales, specialised representations, explanations, predictions and creativity, especially in the development and pursuit of new materials. It requires students to use their imagination to visualise the dynamic, minuscule world of atoms in order to gain a better understanding of how chemicals interact.</td>
</tr>
<tr>
<td>The Chemistry course builds on students’ knowledge and skills developed in the Science Stage 5 course and increases their understanding of chemistry as a foundation for undertaking investigations in a wide range of Science, Technology, Engineering and Mathematics (STEM) related fields. A knowledge and understanding of chemistry is often the unifying link between interdisciplinary studies.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Main Topics Covered:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 11 Course</strong></td>
</tr>
<tr>
<td>- Properties and Structure of Matter</td>
</tr>
<tr>
<td>- Introduction to Quantitative Chemistry</td>
</tr>
<tr>
<td>- Reactive Chemistry</td>
</tr>
<tr>
<td>- Drivers of reactions</td>
</tr>
<tr>
<td><strong>Year 12 Course</strong></td>
</tr>
<tr>
<td>- Equilibrium and Acid Reactions</td>
</tr>
<tr>
<td>- Acid/base reactions</td>
</tr>
<tr>
<td>- Organic Chemistry</td>
</tr>
<tr>
<td>- Applying Chemical Ideas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Particular Course Requirements:</th>
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<tbody>
<tr>
<td>Scientific investigations include both practical investigations and secondary-sourced investigations. Practical investigations are an essential part of the Year 11 course and 12 course and must occupy a minimum of 70 hours of course time, including time allocated to practical investigations in depth studies.</td>
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<td>Practical investigations include:</td>
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<td>● fieldwork.</td>
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<td>Secondary-sourced investigations include:</td>
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<tr>
<td>● using and reorganising secondary data and/or information.</td>
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</tbody>
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<table>
<thead>
<tr>
<th>External Assessment:</th>
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</thead>
<tbody>
<tr>
<td>HSC Examination – to be confirmed by NESA</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Employment / University Opportunities:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry, Medicine, Engineering, Nursing, Environmental Science, Metallurgy, Quality control and Laboratory technician, Pharmacy, Nuclear Chemist, Law.</td>
</tr>
</tbody>
</table>
## CHINESE AND LITERATURE

<table>
<thead>
<tr>
<th>Prerequisites:</th>
<th>Exclusions: Chinese Beginners, Chinese Continuers, Chinese Extension and Chinese in Context</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students with a cultural and linguistic background in Chinese. Usually year 10 Chinese or equivalent knowledge is assumed.</td>
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</table>

**Board Developed Course**

<table>
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<tr>
<th>Unit Value</th>
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</table>

**Cost:** $20

**Course Description:**

In the Year 11 course, students will develop their knowledge and understanding of Chinese through the study of language texts and contemporary issues. Spoken exchanges are to be conducted in Putonghua.

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

**Main Topics Covered:**

### Year 11 Course:
- The role of the individual in today’s society
- Changing gender roles in today’s society
- Pressures on young people today
- Adapting to new cultures (education, leisure, lifestyle)
- Economic growth and its impact

### Year 12 Course:
- The role of family and marriage in contemporary society
- The place of education in young people’s lives
- The maintenance of Chinese culture in non-Chinese cultural contexts
- The impact on young people of changes in traditional social values
- Environmental issues
- The impact of international influences on Chinese-speaking countries

**Particular Course Requirements:** Nil

**External Assessment:**
An HSC written examination of three hours including listening, reading and writing skills.

**Employment / University Opportunities:**

Good students will reach a high level of competency in spoken and written Chinese, and will therefore be able to work in companies domestically or internationally in areas such as tourism, technology, finance, services and business.
CHINESE BEGINNERS

Board Developed Course

<table>
<thead>
<tr>
<th>Prerequisites: Students who wish to begin their study of Chinese at senior secondary level and do not have prior knowledge or experience of the Chinese language, either spoken or written, or whose experience is derived solely from, or is equivalent to, its study for 100 hours or less in Stage 4 or Stage 5. <em>Strict eligibility rules apply to the study of this subject</em></th>
<th>Exclusions: Chinese Continuers, Chinese in Context, Chinese and Literature</th>
</tr>
</thead>
</table>

Cost: Nil

**Course Description:**
In the Year 11 and HSC courses, students will develop the linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in Chinese. Topics studied through two interdependent perspectives, the personal world and the Chinese-speaking communities, provide contexts in which students develop their communication skills in Chinese and their knowledge and understanding of language and culture.

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

**Main Topics Covered:**

**Year 11 Course:**
- Family life, home and neighbourhood
- People, places and communities
- Education and work
- Friends, recreation and pastimes
- Holidays, travel and tourism
- Future plans and aspirations

From the perspective of The Personal World

**Year 12 Course:**
- Family life, home and neighbourhood
- People, places and communities
- Education and work
- Friends, recreation and pastimes
- Holidays, travel and tourism
- Future plans and aspirations

From the perspective of The Chinese-speaking Communities

**Particular Course Requirements:** Nil

**External Assessment:**
A two hour 40 minute written HSC external examination, including listening, reading and writing skills. A five minute oral examination.

**Employment / University Opportunities:**

The study of Chinese provides students with opportunities for continued learning and for future employment and experience, both domestically and internationally, in areas such as public relations, commerce, hospitality, education, marketing, international relations, media and tourism.
### CHINESE CONTINUERS

<table>
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<tr>
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</table>

**Prerequisites:** This is a follow-on course for students who have studied Chinese in Years 8 – 10 or who have previous knowledge of the language. *Strict eligibility rules apply to the study of this subject.*

**Exclusions:** Chinese Beginners, Chinese in Context, Chinese and Literature

**Cost:** Nil

**Course Description:**

The Year 11 and HSC courses have, as their organisational focuses, prescribed themes and related mandatory topics. Students’ skills in, and knowledge of, Chinese will be developed through tasks associated with a range of texts and text types, which reflect the themes and topics. Students will also gain an insight into the culture and language of Chinese-speaking communities through the study of a range of texts.

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 or studying the culture of Chinese-speaking communities through texts.

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course:</th>
<th>Year 12 Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Personal identity</td>
<td>- History and culture</td>
</tr>
<tr>
<td>- Education and aspirations</td>
<td>- Youth issues</td>
</tr>
<tr>
<td>- Recreation and leisure</td>
<td>- The world of work</td>
</tr>
<tr>
<td>- Travel experiences</td>
<td>- Tourism and hospitality</td>
</tr>
<tr>
<td>- Lifestyles</td>
<td></td>
</tr>
</tbody>
</table>

**Particular Course Requirements:** Nil

**External Assessment:**

A three hour HSC external written examination, including listening, reading and writing skills. A 10 minute oral conversation.

**Employment / University Opportunities:**

Good students will reach a high level of competency in spoken and written Chinese, and will therefore be able to work in companies domestically or internationally in areas such as tourism, technology, finance, services and business.
**DESIGN AND TECHNOLOGY**

<table>
<thead>
<tr>
<th>Board Developed Course</th>
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**Prerequisites:**

<table>
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<tr>
<th>Exclusions: Nil</th>
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</thead>
</table>

**Cost:** $25

**Course Description:**

Students study design processes, design theory and factors in relation to design projects. In the Year 11 course, students study designing and producing, which includes the completion of at least two design projects.

In the HSC course, 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.

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course:</th>
<th>HSC Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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.</td>
</tr>
</tbody>
</table>

**Particular Course Requirements:**

In the Year 11 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 Year 11 course are synthesised and applied. This culminates in the development and realisation of a Major Design Project and the presentation of a case study.

**External Assessment:**

Section I: The examination consists of: A 90 minute written Paper. Questions based on Innovation & Emerging Technologies, Designing and Producing. These will provide opportunities for students to make reference to the Major Design Project and the Case Study.

Section II: Major Design Project – Project proposal, Folio, Product, system or environment Major Design Project: This will include submission of: A folio documenting the project proposal and project management, project development and realisation and project evaluation. A product system or environment.

**Employment / University Opportunities:**

The study of Design and Technology Stage 6 provides students with knowledge, understanding and skills that form a valuable foundation for a range of courses at university and other tertiary institutions.
### DRAMA

<table>
<thead>
<tr>
<th>Board Developed Course</th>
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</table>

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost: Nil</td>
<td></td>
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</tbody>
</table>

#### Course Description:

In the Stage 6 Drama course, students will learn performance skills and about the elements of drama. Students study the practices of Making, Performing and Critically Studying in Drama. Students engage with these components through collaborative and individual experiences.

#### Main Topics Covered:

<table>
<thead>
<tr>
<th>Year 11 Course:</th>
<th>Year 12 Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Year 11 Course content comprises an interaction between the components of</td>
<td>In the Year 12 Course content, Australian Drama and Theatre and Studies in Drama and Theatre involves theoretical study through practical exploration of themes, issues, styles and movements of traditions of theatre, exploring relevant acting techniques, performance styles and spaces.</td>
</tr>
<tr>
<td>Improvisation, Play building and Acting, Elements of Production in Performance and Theatrical Traditions and Performance Styles. Learning comes from practical experiences in each of these areas. The Year 11 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. The Individual Project is negotiated between the student and the teacher at the beginning of the HSC course.</td>
<td>The Group Performance, of between three and six students, involves creating a piece of original theatre of 8 to 12 minutes duration. It provides an opportunity for each student to demonstrate her performance skills and collaborate with other students throughout the process. For the Individual Project, students demonstrate their expertise in a particular area. They choose one project from Critical Analysis or Design or Performance or Scriptwriting or Video Drama.</td>
</tr>
</tbody>
</table>

#### Particular Course Requirements:

Students must satisfactorily complete all course, assessment and examination requirements, including acting in front of an audience.

#### External Assessment:

- HSC Written examination of 1 hour and 30 minutes (40%)
- Group Performance (30%)
- Individual Project (30%)

#### Employment / University Opportunities:

Drama students combine creative talent with practical aspects of self-promotion and arts management. This mix of disciplines is a good preparation for the world of artistic performance.

Employment opportunities related to this course include: actor, community arts worker, drama therapist, arts administrator, broadcast presenter, teacher, theatre stage manager.

Furthermore, the skills you gain while studying drama are valued by all types of employers, for example, confidence, presentation, teamwork and collaboration, time management and organisational skills, self-awareness, self-discipline, communication skills, stamina, as well as the ability to cope with criticism and learn from it.
EARTH AND ENVIRONMENTAL SCIENCE

Board Developed Course

<table>
<thead>
<tr>
<th>Prerequisites: Satisfactory completion of Stage 5 Science</th>
<th>Exclusions: Maximum of 6 units of Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost: $35 (+ additional excursion and fieldtrip expenses)</td>
<td></td>
</tr>
</tbody>
</table>

Course Description:
The Earth and Environmental Science course explores the Earth’s renewable and non-renewable resources and also environmental issues. An understanding of the Earth’s resources and the ability to live sustainably on the planet is a central purpose of the study of Earth and Environmental Science.

The course uses the Working Scientifically skills to develop knowledge through the application of those skills. Students engage with inquiry questions to explore knowledge of the Earth. They also undertake practical and secondary-sourced investigations to acquire a deeper understanding of the Earth’s features and naturally occurring phenomena and cycles. Fieldwork is an integral part of these investigation processes.

Earth and Environmental Science involves the analysis, processing and evaluation of qualitative and quantitative data in order to formulate explanations and solve problems. In conjunction with knowledge and understanding, communication skills are essential in forming evidence-based conclusions or arguments.

The Earth and Environmental Science course builds on the knowledge and skills of Earth and Space gained in the Science Stage 5 course. The course maintains a practical emphasis in the delivery of the course content, and engages with technologies that assist in developing earth and environmental science applications.

Main Topics Covered:

<table>
<thead>
<tr>
<th>Year 11 Course</th>
<th>Year 12 Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Earth’s Resources</td>
<td>- Earth’s Processes</td>
</tr>
<tr>
<td>- Plate Tectonics</td>
<td>- Hazards</td>
</tr>
<tr>
<td>- Energy transformations</td>
<td>- Climate Science</td>
</tr>
<tr>
<td>- Human Impacts</td>
<td>- Resource Management</td>
</tr>
</tbody>
</table>

Particular Course Requirements:

Scientific investigations include both practical investigations and secondary-sourced investigations. Practical investigations are an essential part of the Year 11 course and 12 course and must occupy a minimum of 70 hours of course time, including time allocated to practical investigations in depth studies.

Practical investigations include:

● undertaking laboratory experiments, including the use of appropriate digital technologies
● fieldwork.

Secondary-sourced investigations include:

● locating and accessing a wide range of secondary data and/or information
● using and reorganising secondary data and/or information.

One fieldwork exercise must be completed in Year 12.

External Assessment:

HSC Examination – to be confirmed by NESA

Employment / University Opportunities:

Environmental Science is an expanding career field, with opportunities in both government (EPA, CSIRO, Land & Water Conservation, Agriculture, National Parks & Wildlife Service) and private sectors (mining, construction, development and tourism).
ECONOMICS

<table>
<thead>
<tr>
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</tbody>
</table>

**Prerequisites:** Nil  
**Exclusions:** Nil

**Cost:** Nil (excursions as they arise)

**Course Description:**
In Economics students learn to appreciate how financial flows, market operations, government and industry decisions shape the world around us. The course will look at economic theory through to the practical application to current issues in the Australian economy as well as economic problems in the global economy.

A high level of contemporary economic appreciation is essential for success in this course and students seeking top results will need to investigate and interrogate current media and government reports.

Economic concepts also relate to content covered in Business Studies, Legal Studies, and Geography and so is a useful complement to these subjects. The focus on written work also complements work in English and History.

The literacy and analytical demands of this course are high compared to other Social Sciences courses. It is well suited to students who will work hard in class, ask questions and engage in regular revision to ensure they are up to date with coursework. Students who have a good ability to integrate data and statistics into written analysis will have an advantage in this course.

**Main Topics Covered:**

**Year 11 Course:**
- Introduction to Economics
- Consumers and Business
- Markets
- Labour Markets
- Financial Markets
- Government in the Economy

**Year 12 Course:**
- The Global Economy
- Australia’s Place in the Global Economy
- Economic Issues
- Economic Policies and Management

**Particular Course Requirements:** Nil

**Assessment:**
Current modes of assessment include in class tests, research reports and examinations. Students are required to respond and incorporate stimulus material into their responses.

The external HSC examination consists of a 3 hour paper.

**Employment / University Opportunities:**

Economics will provide the basis for continuing the study of Business, Marketing, Commerce, Economics or Law at university.

Furthermore, students wishing to work in financial regulation, global politics or diplomacy will find the grounding in economic theory essential to tertiary success.
ENGINEERING STUDIES

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
</tr>
</thead>
</table>

**Cost:** $20 per year

**Course Description:**
Both Year 11 and HSC courses offer student’ 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.

**Main Topics Covered:**

**Year 11 Course:**
- Students undertake the study and develop an engineering report for each of 4 modules:
  - Three application modules (based on engineered products).
  - At least one product is studied from each of the following categories: engineering fundamentals; engineered products; and braking systems
  - One focus module relating to the field of Bio Engineering

**HSC Course:**
- Students undertake the study and develop an engineering report for each of 4 modules:
  - Two application modules (based on engineered products). At least one product is studied from each of the following categories: civil structures; personal and public transport.
  - Two focus modules relating to the fields of Aeronautical Engineering and Telecommunications Engineering

**Particular Course Requirements:** Engineering Report

**Year 11 Course**
Students are required to produce a component of an engineering report in Engineering application module 3, Braking systems, and then a complete engineering report in Engineering focus module 4, Biomedical engineering.

**HSC Course**
Students are required to produce one engineering report from either of the two engineering application modules, and one from either of the two engineering focus modules.
One engineering report from the Year 11 course and one engineering report from the HSC course must be the result of collaborative work, reflecting the importance of teamwork for successful engineering projects.

**External Assessment:**
HSC- 3 hour written examination.

**Employment / University Opportunities:**
Students undertaking Engineering Studies Stage 6 will have the opportunity to follow a number of pathways. These include tertiary study, vocational education and training, and the world of work. For those following a pathway of further study, the insight and experience associated with a study of engineering will be beneficial in their presumed knowledge of the area of study.
### ENGLISH: ADVANCED

<table>
<thead>
<tr>
<th>Board Developed Course</th>
<th>Unit Value</th>
<th>ATAR Category</th>
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</tbody>
</table>

#### Prerequisites: Nil

#### Exclusions: English Standard; English EAL/D; English Studies.

#### Cost: Nil

### Course Description:

In the Year 11 course, students study three modules. The texts studied include prose fiction, drama, poetry, non-fiction, media and multi-media. Students explore ways that intercultural, social and gender perspectives, experiences, and ideas are represented in and through texts and analyse the ways texts reflect different attitudes and values.

In the HSC course, students further develop their knowledge and understanding of language and literature by analysing and evaluating texts and the ways that they are valued in their contexts. Students study at least four types of prescribed texts drawn from prose fiction, drama, drama, film, non-fiction, media and multimedia. A Shakespearean text is mandatory in this course.

### Main Topics Covered:

#### Year 11 Course:

- The course has two sections:
  1. Content common to the Advanced and Standard course is undertaken through a unit of work called Reading to Write: Transition to Senior English.
  2. Two additional modules (A: Narratives that Shape our World; B: Critical Study of Literature).

#### Year 12 Course:

- The course has four modules:
  - Common module: Texts and Human Experiences.
  - Module A: Textual Conversations;
  - Module B: Critical Study of Literature;
  - Module C: The Craft of Writing.

All four modules are mandatory.

### Particular Course Requirements:

HSC Advanced Course requires the close study of at least four types of prescribed text drawn from each of the following categories: Shakespearean drama, prose fiction OR print nonfiction, drama OR poetry; non-fiction or media or multimedia as well as a wide range of additional related texts and textual forms.

### External Assessment:

HSC – to be confirmed by NESA.
ENGLISH: STANDARD

<table>
<thead>
<tr>
<th>Board Developed Course</th>
<th>Unit Value</th>
<th>ATAR Category</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

**Prerequisites:** Nil  
**Exclusions:** English Advanced; English Extension, English EAL/D; English Studies.

**Cost:** Nil

**Course Description:**
In the Year 11 course, students study three modules. The texts studied include prose fiction, drama, poetry, non-fiction, media and multi-media. Students explore ways that intercultural, social and gender perspectives, experiences, and ideas are represented in and through texts and analyse the ways texts reflect different attitudes and values.

In the HSC course, students further develop their knowledge and understanding of language and literature by analysing and evaluating texts and the ways that they are valued in their contexts. Students study at least five types of prescribed texts drawn from prose fiction, drama, film, non-fiction, media and multimedia.

**Main Topics Covered:**

**Year 11 Course:**
The course has two sections:
1. Content common to the Advanced and Standard course is undertaken through a unit of work called Reading to Write: Transition to Senior English.
2. Two additional modules (A: Contemporary Possibilities; B: Close Study of Literature)

**Year 12 Course:**
The HSC course has four modules:
1. Common Module: Texts and Human Experiences;
2. Module A: Language, Identity and Culture;
3. Module B: Close Study of Literature;

**Particular Course Requirements:**
HSC Standard Course requires the close study of at least three types of prescribed text drawn from each of the following categories: prose fiction; drama or poetry; non-fiction OR media OR film as well as a wide range of additional related texts and textual forms.

**External Assessment:**
HSC – to be confirmed by NESA.
<table>
<thead>
<tr>
<th>ENGLISH: ESL (ENGLISH AS A SECOND LANGUAGE)</th>
<th>Unit Value</th>
<th>ATAR Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Developed Course</td>
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<td>A</td>
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</tbody>
</table>

**Prerequisites:** There are restrictions on eligibility for this course.

**Exclusions:** English Advanced; English Standard; English Studies; Extension English

**Cost:** Nil

**Course Description:**

In the Year 11 course, students acquire and develop specific English language skills, knowledge and understanding by exploring a range of texts which include prose fiction, drama, poetry, non-fiction, film, media, multimedia.

In the HSC course, students reinforce and refine language skills through close study of at least three texts drawn from prose fiction, drama, film, poetry, and media together with a wide range of related texts drawn from diverse sources. Through this close study of texts, students develop and apply skills in analysis and synthesis.

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course:</th>
<th>Year 12 Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students study four modules:</td>
<td>Students study four modules:</td>
</tr>
<tr>
<td>Module A: Language and Texts in Context;</td>
<td>Module A: Texts and Human Experiences;</td>
</tr>
<tr>
<td>Module C: Close Study of Text;</td>
<td>Module B: Language, Identity and Culture:</td>
</tr>
<tr>
<td>Module C: Texts and Society;</td>
<td>Module C: Close Study of Text;</td>
</tr>
<tr>
<td>Module D: optional teacher-developed module.</td>
<td>Focus on Writing – to be completed concurrently with the other three modules.</td>
</tr>
</tbody>
</table>

Students must study at least one substantial literary text and explore a range of texts. There is a requirement that students engage in wide reading to support their language acquisition. Students will engage in listening, speaking, viewing and writing activities.

**Particular Course Requirements:**

HSC ESL Course requires the close study of at least three types of prescribed text drawn from each of the following categories: prose fiction OR print nonfiction, drama OR poetry, film OR media as well as a wide range of additional related texts and textual forms.

**External Assessment:**

HSC – to be confirmed by NESA
<table>
<thead>
<tr>
<th>ENGLISH: EXTENSION 1</th>
<th>Unit Value</th>
<th>ATAR Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Developed Course</td>
<td>1</td>
<td>A</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> Students considering this course must discuss their prospects with the English Head Teacher prior to making their choices. Only students who have a very strong interest and ability in English, and who are independent learners should consider this course. They must be able to read widely, synthesise elements within our culture and respond creatively.</td>
<td></td>
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<tr>
<td><strong>Exclusions:</strong> English Standard; English EAL/D; English Studies.</td>
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<tr>
<td><strong>Course Description:</strong></td>
<td></td>
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<tr>
<td>In the Year 11 course, students explore how and why texts are valued in and appropriated into a range of contexts and cultures.</td>
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<tr>
<td>In the Year 12 course, students explore ideas of value and consider how cultural values and systems of valuation arise</td>
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<td></td>
</tr>
<tr>
<td><strong>Main Topics Covered:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Year 11 Course:</strong> The course provides students with the opportunity to study a number of texts and to consider how and why these texts are valued; the opportunity to develop research and creative skills through an independent study of a text of their own choice.</td>
<td><strong>Year 12 Course:</strong> Students study one elective chosen from the module Literary Worlds. Study must include three texts, two of which are extended print texts. Students must also study two related texts of own choice.</td>
<td></td>
</tr>
<tr>
<td><strong>Particular Course Requirements:</strong> Nil</td>
<td></td>
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<tr>
<td><strong>External Assessment:</strong> HSC – to be confirmed by NESA</td>
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</tbody>
</table>
GEOGRAPHY

Board Developed Course

Prerequisites: Nil
Exclusions: Nil

Cost: Nil - although excursion are required as part of the Mandatory Fieldwork Component including a proposed excursion to the Great Barrier Reef (or similar) in support of the HSC core.

Course Description:

Questioning the world around you is the cornerstone of geographical inquiry and underpins success in HSC Geography. Students are encouraged to explore contemporary issues in human geography through research and practical field work. By encouraging hands on learning students in Geography don’t revise the textbook – they remember their experiences!

The HSC Geography course is a more contemporary and less rigid course than what many experienced in junior Geography, although some key areas, including the Barangaroo Redevelopment, are developed throughout Years 11 and 12. Students who have enjoyed junior Science and/or Geography (of course!) will enjoy the HSC Geography course.

Geography course content also relates to content covered in Business Studies, Economics, Society & Culture, Legal Studies, Biology, Chemistry and Earth & Environmental Science and so it is a useful complement to these subjects.

While extended response writing is required in the HSC, the demands of this course are lower and, in turn, it is a good option for students who favour maths and sciences as an additional course to make up their unit total. 20 marks in the HSC examination are for the application of geographic skills (eg: gradient, bearing). A comparatively low state cohort means that students who perform highly, are at a considerable advantage.

The literacy and analytical demands of this course are relatively lower compared to other Social Sciences courses. It is well suited to students who learn best through experience, use a glossary to learn new terms and have an interest in how the world is changing.

Main Topics Covered:

Year 11 Course:
- Biophysical Interactions
- Global Challenges
- Senior Geography Project

Year 12 Course:
- Ecosystems at Risk
- Urban Places
- People and Economic Activity

Particular Course Requirements:
A minimum of 12 hours of field work is required in both Years 11 and 12.
Students are required to complete a research project of their own choosing in Year 11

Assessment:
Current modes of assessment include in class tests, research reports, presentations and examinations.
The external HSC examination consists of a 3 hour paper.
INDUSTRIAL TECHNOLOGY: TIMBER PRODUCTS AND FURNITURE TECHNOLOGIES

Unit Value | ATAR Category
--- | ---
2 | A

**Prerequisites:** Nil  
**Exclusions:** Other Industrial Technologies

**Cost:** Nil

**Course Description:**

Industrial Technology Stage 6 consists of project work and an Industry Study that develops a broad range of skills and knowledge related to the Timber Products and Furniture Industries. Students will also study the industrial processes and practices applied in this industry.

**Main Topics Covered:**

**Year 11 Course:**

- Industry Study – structural, technical, environmental and sociological, personnel, Occupational Health and Safety
- Design and Management and communication – designing, drawing, computer applications, project management, literacy, calculations, graphics
- Production – display a range of through the construction of a major project
- Industry Related Manufacturing Technology – understanding a range of materials, processes, tools and equipment, machinery and technologies

**Year 12 Course:**

- Industry Study
- Design, Management and communication
- Production
- Industry related manufacturing technology

**Particular Course Requirements:**

In the Year 11 course, students must design, develop and construct a number of projects (at least one group project). Each project must include a management folio. Students also undertake the study of an individual business within the industry.

In the HSC course, students must design, develop and construct a major project with a management folio. They also undertake a study of the overall industry related to the specific focus area.

**External Assessment:**

The external examination will consist of a 90 minute written paper worth 40 marks and a Major Project worth 60 marks.

**Employment Opportunities:**

The study of Industrial Technology Stage 6 provides students with knowledge, understanding and skills that form a valuable foundation for a range of courses at university and other tertiary institutions.
INDUSTRIAL TECHNOLOGY: MULTIMEDIA INDUSTRIES

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<tr>
<th>Unit Value</th>
<th>ATAR Category</th>
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<td>2</td>
<td>A</td>
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</table>

Prerequisites: Nil

Exclusions: Nil

Cost: $60 course fee per year (plus the cost of Major Project & Documentation production)

Course Description:
This course is for students who wish to develop skills in a range of multimedia products and have an interest in working in fields such as graphic design, TV, film, advertising, or computer game industry. The skills learned in this course are highly portable to other industries such as Architecture, Marketing and Small Business Management. This course encourages the original and innovative use of multimedia products and our school has historically performed strongly in the HSC for this course.

This course will enable students to acquire knowledge and develop skills that are important for people entering multimedia courses and for others who wish to explore this creative field. It offers students the opportunity to study the interrelationships of technologies, equipment and materials used by industry and to develop skills through the processes of design, planning and production.

It is a practical “hands on” course for all students. Students will work on group and individual projects in the Year 11 Course and will undertake a Major Project and Industry Study for their HSC. You will gain experience with a wide range of creative tools including many from the Adobe Creative Cloud suite: Photoshop, InDesign, Illustrator, Animate, Muse, Premiere Pro and After Effects, and other industry standard software including Sonar Professional, Blender and Unity Pro.

Main Topics Covered:

Year 11 Course:
- Practical applications in graphics, animation and video
- Theory relating to text, graphics, animation, audio and video
- Social ethical issues
- Industry study: a case study of a small multimedia business

Year 12 Course:
- Production of major work
- Portfolio development
- Theory relating to text, graphics, animation, audio and video
- Social ethical issues
- Industry study: a firsthand study of a multimedia business

Particular Course Requirements:
Students a high degree of motivation to manage the demands of an individual Major Design Project and the ability to create in a written Design Folio (5000 word minimum) for HSC assessment.

External Assessment:
60 marks – the Major Design Project, which is practical in nature and is a product. A management folio documenting the design process, development and project evaluation must accompany the project. This is externally marked.
40 marks – a written exam paper of one and a half hours covering content from all sections.

Employment Opportunities:
Further university and TAFE study, such as media arts, marketing, industrial design, game design, visual communication, 3D animation, graphic design, engineering design, interactive digital media, film making. Some careers directly relate to digital media, communication and IT. These are: advertising, user interactivity (UI) and user experience (UX), online and mobile development, sound design and production.
INFORMATION PROCESSES AND TECHNOLOGY

<table>
<thead>
<tr>
<th>Board Developed Course</th>
<th>Unit Value</th>
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</table>

**Prerequisites:** Nil  
**Exclusions:** Nil

**Cost:** $60 course fee per year

**Course Description:**
This is the central senior course in Computing Studies and covers a broad range of topics. Information systems and the role they play in society have increased in significance in recent years. The raw ingredients – information, information technology and participants – combine to form information processes within information systems. The area of information systems has provided major jobs growth for both women and men in recent years. Moreover, fields which have not traditionally been associated with computers – but in which processing information is a vital function – are emerging as exciting new areas of employment. These include music, the arts, science and technology as well as new and fast-growing industries that use multimedia such as game design and movies.

The Information Processes and Technology Stage 6 course teaches students about information-based systems. It covers the processes of collecting, organising, analysing, storing and retrieving, processing, transmitting and receiving, and displaying, as well as the technologies that support them. With this background, students will be well placed to adapt to new technologies as they emerge. The course analyses information systems and their development from a management perspective as well as providing practical experience in the development of systems by students themselves.

Students should take this course if they have an interest in technology and its application to computer based information systems. Social and ethical issues are also a focus.

**NOTE:** If you are unsure about which computing subject you would like to do, but would like to develop well-rounded computer literacy, this is the subject to choose.

**Main Topics Covered:**

**Year 11 Course:**
- Introduction to Information skills and systems
- Tools for Information processes
- Developing Information Systems

**Year 12 Course:**
- Project Management
- Information Systems and Databases
- Communications Systems
- Option Topics:
  - Decision Support
  - Multimedia Systems

**Particular Course Requirements:** Nil

**Assessment:**
Students produce a range of information system solutions throughout the course with accompanying documentation. Yearly in-school examinations are also conducted.

**External Assessment:**
3 hour HSC examination

**Employment / University Opportunities:**

Further University and TAFE study, business, computer technicians, any IT related field, Professional careers using IT, IT Management, Systems analysis.

Some careers directly related to computer sciences and IT are: Database administrator, Game Developer, Information systems manager, IT consultant, Multimedia programmer, SEO Specialist, Systems Develop or Analyst, Web Developer or Designer.
**JAPANESE: BEGINNERS**

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<tr>
<th>Board Developed Course</th>
<th>Unit Value</th>
<th>ATAR Category</th>
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</table>

**Prerequisites:** Students who wish to begin their study of Japanese at senior secondary level and do not have prior knowledge or experience of the Japanese language, either spoken or written, or whose experience is derived solely from, or is equivalent to, its study for 100 hours or less in Stage 4 or Stage 5. *Strict eligibility rules apply to the study of this subject*

**Exclusions:** Japanese Continuers, Japanese in Context, Japanese and Literature

**Cost:** $25

**Course Description:**

In the Year 11 and HSC courses, students will develop the linguistic and intercultural knowledge and understanding, and the speaking, listening, reading and writing skills to communicate in Japanese. Topics studied through two interdependent perspectives, the personal world and the Japanese-speaking communities, provide contexts in which students develop their communication skills in Japanese and their knowledge and understanding of language and culture.

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

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course</th>
<th>Year 12 Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Family life, home and neighbourhood</td>
<td>- Family life, home and neighbourhood</td>
</tr>
<tr>
<td>- People, places and communities</td>
<td>- People, places and communities</td>
</tr>
<tr>
<td>- Education and work</td>
<td>- Education and work</td>
</tr>
<tr>
<td>- Friends, recreation and pastimes</td>
<td>- Friends, recreation and pastimes</td>
</tr>
<tr>
<td>- Holidays, travel and tourism</td>
<td>- Holidays, travel and tourism</td>
</tr>
<tr>
<td>- Future plans and aspirations</td>
<td>- Future plans and aspirations</td>
</tr>
</tbody>
</table>

From the perspective of The Personal World

From the perspective of The Japanese-speaking Communities

**Particular Course Requirements:** Nil

**External Assessment:**

A two hour, 40 minute HSC external examination, including listening, reading and writing skills. A five minute oral examination.

**Employment / University Opportunities:**

The study of Japanese provides students with opportunities for continued learning and for future employment and experience, both domestically and internationally, in areas such as public relations, commerce, hospitality, education, marketing, international relations, media and tourism.
<table>
<thead>
<tr>
<th><strong>JAPANESE: CONTINUERS</strong></th>
<th>Unit Value</th>
<th>ATAR Category</th>
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</thead>
<tbody>
<tr>
<td>Board Developed Course</td>
<td>2</td>
<td>A</td>
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</tbody>
</table>

**Prerequisites:** This is a follow-on course for students who have studied Japanese in Years 8-10 or who have previous knowledge of the language. *Strict eligibility rules apply to the study of this subject.*

**Exclusions:** Japanese Beginners, Japanese in Context, Japanese and Literature

**Cost:** $50

**Course Description:**
The Year 11 and HSC courses have, as their organisational focuses, prescribed themes and related mandatory topics. Students’ skills in, and knowledge of Japanese 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 Japanese-speaking communities through the study of a range of texts.

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 or studying the culture of Japanese-speaking communities through texts.

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course:</th>
<th>Year 12 Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Personal world</td>
<td>- Travelling in Japan</td>
</tr>
<tr>
<td>- Daily life</td>
<td>- Living in Japan</td>
</tr>
<tr>
<td>- Leisure</td>
<td>- Cultural life</td>
</tr>
<tr>
<td>- Future plans</td>
<td>- The world of work</td>
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<td></td>
<td>- Current issues</td>
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</tbody>
</table>

**Particular Course Requirements:** Nil

**External Assessment:**
A three hour written HSC external examination, including listening, reading and writing skills. A 10 minute oral examination.

**Employment / University Opportunities:**

The study of Japanese provides students with opportunities for continued learning and for future employment and experience, both domestically and internationally, in areas such as public relations, commerce, hospitality, education, marketing, international relations, media and tourism.
LEGAL STUDIES

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
</tr>
</thead>
</table>

**Cost:** Nil (excursions as they arise)

**Course Description:**

Legal Studies is a subject that fosters an appreciation of the role law plays in society in Australia and around the world. While advantageous, students are not required to have studied Commerce in Years 9-10.

By reviewing laws, cases and media articles students are required to examine how our society is regulated with a view to analysing what else could be done to make things better. Students also examine key institutions of the law in Australia – parliament, the courts and other quasi-legal organisations; as well as the international framework for cooperation between nation states and the concept of human rights.

Legal Studies concepts also relate to content covered in Modern History, Economics and Business Studies; and so is a useful complement to these subjects. In particular, the optional topic of Workplace supports units of work in Business Studies and Economics.

Students are required to understand a legal issue from a range of perspectives and to formulate their own perspective on the best legal response. The course, in turn, requires students to quickly build factual knowledge and then apply a framework to evaluate. Top students are required to integrate significant and varied legal details to their responses and so students who utilise the news to stay informed will have an advantage in this course.

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course:</th>
<th>Year 12 Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The Legal System</td>
<td>- Crime</td>
</tr>
<tr>
<td>- The Individual and the Law</td>
<td>- Human Rights</td>
</tr>
<tr>
<td>- Law in Practice</td>
<td>- Workplace</td>
</tr>
<tr>
<td></td>
<td>- World Order</td>
</tr>
</tbody>
</table>

**Particular Course Requirements:** Nil

**Assessment:**

Current modes of assessment include in class tests, media tasks, presentations, research reports and examinations. Students are required to incorporate specific legal details (such as laws or cases) into their responses.

The external HSC examination consists of a 3 hour paper.

**Employment / University Opportunities:**

An interest and enthusiasm in Legal Studies will contribute to maximising an ATAR result and will also provide the basis for continuing the study of Business, Marketing, Commerce, Economics or Laws at university. The skills required in legal analysis are highly transferable and adaptable to all tertiary study or for those seeking employment immediately after Year 12.
<table>
<thead>
<tr>
<th>MATHEMATICS</th>
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<tbody>
<tr>
<td>Board Developed Course</td>
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<td><strong>Unit Value</strong></td>
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</tbody>
</table>

**Prerequisites:** The course is constructed on the assumption that students have achieved the outcomes for the Stage 5.3 Mathematics course.

**Exclusions:** Mathematics Standard

**Cost:** Nil

**Course Description:**
The course is intended to give students who have demonstrated high competence in the skills of Stage 5 Mathematics, an understanding of and competence in some further aspects of mathematics that 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.

**Main Topics Covered:**

**Year 11 Course:**
- Basic Arithmetic and Algebra
- Real Functions
- Trigonometric Ratios
- Linear Functions
- The Quadratic Polynomial and the Parabola
- Plane Geometry
- Tangent to a curve and Derivative of a Function

**Year 12 Course:**
- Coordinate methods in Geometry
- Applications of Geometrical Properties
- Geometrical Applications of Differentiation
- Integration
- Trigonometric Functions
- Logarithmic and Exponential Functions
- Applications of Calculus to the Physical World
- Probability
- Series and Series Applications

**Particular Course Requirements:** to be confirmed by NESA

**External Assessment:**
A single written examination paper of 3 hours duration.
It consists of 10 objective-response questions worth 10 marks and 6 questions worth 15 marks.

A reference sheet is provided for examinations.

NESA approved calculators, geometrical instruments and approved geometrical templates may be used.

**Employment / University Opportunities:**
It is 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.
MATHEMATICS EXTENSION 1

Prerequisites: To be eligible to study this course, students will be considered on their performance in the Year 10 5.3 course. They will need to have demonstrated the ability, necessary skills and application to cope with the demands of this course through their exam results, classwork and rank. Students need to attain 75% and should be ranked in the top 75 of the Stage 5.3 course. The Head Teacher reserves the right to endorse student enrolment in this course based upon the above criteria. Students must demonstrate their ability to achieve success in the first common assessment task in both Mathematics and Mathematics Extension 1 in Year 11. Student performance will be reviewed regularly during the first term of the Year 11 course. (ie: Term 1 2018) and parents will be notified of any concerns.

Cost: Nil

Course Description:
The content of this course, which includes the Mathematics course and its depth of treatment, indicate that it is intended for students who have demonstrated a mastery of the skills of Stage 5 (5.3) Mathematics and are interested in the study of further skills and ideas in mathematics. The course is intended to give these students a thorough understanding of and competence in aspects of mathematics including many which are applicable to the real world.
The course is a recommended minimum basis for further studies in mathematics as a major discipline at tertiary level, and for the study of mathematics in support of the physical and engineering sciences. Although the Extension 1 course is sufficient for these purposes, students of outstanding mathematical ability should consider undertaking the Extension 2 course at HSC level.

Main Topics Covered:

Year 11 Course:
- Other Inequalities
- Circle Geometry
- Further Trigonometry
- Angles between Two Lines
- Internal and External division of lines into given Ratios
- Parametric Representation
- Permutations and Combinations
- Polynomials
- Harder applications of the Year 11 Mathematics (2 unit value) course

Year 12 Course:
- Methods of Integration
- Primitive of sin2x and cos 2x
- Further Curve Sketching
- Velocity and Acceleration as a function of x
- Projectile Motion
- Simple Harmonic Motion
- Inverse Functions and Inverse Trigonometric Functions
- Mathematical Induction
- Binomial Theorem
- Further Probability
- Iterative methods for numerical estimation of the roots of a Polynomial Equation
- Harder applications of HSC Mathematics course

Particular Course Requirements: to be confirmed by NESA

External Assessment:
Two written examination papers: a 3 hour paper (Mathematics paper) and a 2 hour paper (Extension 1 course, 10 objective-response questions worth 10 marks and 4 questions worth 15 marks each.) A reference sheet is provided for examinations. NESA approved calculators, geometrical instruments and approved geometrical templates may be used.
## MATHEMATICS EXTENSION 2

<table>
<thead>
<tr>
<th>Board Developed Course - Yr 12 Only</th>
<th>Unit Value</th>
<th>ATAR Category</th>
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<tr>
<td>1</td>
<td>A</td>
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</table>

### Prerequisites:
Students will be considered on their performance in the Preliminary Extension 1 course. Prospective candidates must have at least 11 units of study. They will need to have demonstrated the ability, necessary skills and application to cope with the demands of this course through their exam results, classwork and rank. Students need to attain 80% in Mathematics Extension 1, 85% in Mathematics (2 unit) and should be ranked in the top 24 of the Year 11 Extension 1 course. The Head Teacher Mathematics reserves the right to endorse student enrolment in this course based upon the above criteria. Students must demonstrate their ability to achieve success in the first common assessment task in both Extension 1 and Extension 2 in Year 12. Student performance will be reviewed regularly during the first term of the Year 12 course. (ie: Term 4 2018) and parents will be notified of any concerns.

### Exclusions:
Mathematics Standard

### Cost:
Nil

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

### Main Topics Covered:
#### Year 12 Course:
The course content includes the entire Mathematics course, the entire Mathematics Extension 1 Course and, in addition, contains the following topics:
- Graphs
- Complex Numbers
- Conics
- Integration
- Volumes
- Mechanics
- Polynomials
- Harder Extension 1 Topics

### Particular Course Requirements:
Extension 2 Mathematics may be available in Year 12 to students who studied Extension 1 Mathematics in Year 11 and continue to do so in Year 12. Students will be invited to apply to do Extension 2 in Year 12. After the application process, students will be interviewed and their results discussed, and if they meet the criteria they will be allowed to do Extension 2.

### External Assessment:
Two written examination papers: a 2 hour paper (Mathematics Extension 1 course paper) and a 3 hour paper (Extension 2 course paper which consists of 10 objective-response questions worth 10 marks and 6 questions worth 15 marks each.)

NESA approved calculators, geometrical instruments and approved geometrical templates may be used.
### MATHEMATICS: STANDARD

<table>
<thead>
<tr>
<th>Prerequisites: The Mathematics Standard course is constructed on the assumption that students have achieved up to and including the content and outcomes of Stage 5.1.</th>
<th>Exclusions: Mathematics, Mathematics Extension 1</th>
</tr>
</thead>
</table>

**Board Developed Course**

<table>
<thead>
<tr>
<th>Unit Value</th>
<th>ATAR Category</th>
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<tbody>
<tr>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

**Cost:** Nil

**Course Description:**

Mathematics Standard 2 is designed for those students who want to extend their mathematical skills beyond Stage 5 but are not seeking the in-depth knowledge of higher mathematics that the study of calculus would provide. This course offers students the opportunity to prepare for a wide range of educational and employment aspirations, including continuing their studies at a tertiary level.

For students who intend to study the Year 12 Mathematics Standard course it is recommended that they have studied at least some of the Stage 5.2 content, particularly the Patterns and Algebra topics and Trigonometry, if not all the content.

**Main Topics Covered:**

**Year 11 Course:**
- Algebra
- Formulae and Equations
- Linear Relationships
- Measurement
- Applications of Measurement
- Working with Time
- Financial Mathematics
- Money Matters
- Statistical Analysis
- Data Analysis
- Relative Frequency and Probability

**Year 12 Course:**
- Algebra
- Types of Relationships
- Measurement
- Non-right-angled Trigonometry
- Rates and Ratio
- Financial Mathematics
- Investments and Loans
- Annuities
- Statistical Analysis
- Bivariate Data Analysis
- The Normal Distribution
- Networks
- Network Concepts
- Critical Path analysis

**Particular Course Requirements:** to be confirmed by NESA

**External Assessment:**

To be confirmed by NESA

NESA approved calculators, geometrical instruments and approved geometrical templates may be used.
**MODERN HISTORY**

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost:</strong> Nil</td>
<td></td>
</tr>
</tbody>
</table>

**Course Description:**

In this course, students are introduced to the history of the modern world through the study of a broad range of major events that have helped to shape our world today. Students of Modern History look at a range of case studies and events from 1789 to the present day. The course examines modern history through a wide range of media including documentary, film, web and print sources. Students have the opportunity to explore their own areas of interest through the completion of a Historical Investigation and are able to use a wide range of media to present their findings. The new HSC encourages a variety of assessments to allow all students to follow their own interests in this course.

This course is particularly valuable to students who wish to develop their skills in writing, which is essential to nearly all HSC and University courses. It also develops critical thinking and analysis skills, which will complement and assist them in many subjects (e.g. English, Legal Studies and Economics) in the HSC. The study of Modern History gives an understanding of major events of the twentieth century, which provides an essential background for many other subjects studied at school and university.

**Topics may include:**

<table>
<thead>
<tr>
<th>Year 11 Course:</th>
<th>Year 12 Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The French Revolution</td>
<td>- Core Study: The Nazi Regime to 1939</td>
</tr>
<tr>
<td>- The Downfall of the Romanov Dynasty</td>
<td>- Russia and the Soviet Union</td>
</tr>
<tr>
<td>- The American Civil War</td>
<td>- Conflict in Europe from 1935-1945</td>
</tr>
<tr>
<td>- World War 1</td>
<td>- Apartheid in South Africa</td>
</tr>
<tr>
<td>- THE Meiji Restoration</td>
<td>- Conflict in Indo-China</td>
</tr>
</tbody>
</table>

**Particular Course Requirements:** NIL

**External Assessment:**

HSC – 3 hour examination

**STUDENTS ALSO HAVE THE OPPORTUNITY TO STUDY EXTENSION HISTORY IN YEAR 12 IF THEY STUDY EITHER MODERN OR ANCIENT HISTORY**

**Employment / University Opportunities:**

The writing and analysis skills developed in this course are particularly useful to students intending to study Law, Arts, Communications, International Studies, Media, Education, business management/marketing or any field where employers want applicants with a sound general knowledge who can think critically and flexibly and communicate effectively.

Modern History Stage 6 also provides a valuable foundation for a range of courses at University and other tertiary institutions and past students often relate how their study of Modern History prepared them well for their studies at University.
MUSIC 1

Board Developed Course

<table>
<thead>
<tr>
<th>Cost: Nil, however, it is recommended that Music students attend private lessons for their chosen Instrument/Voice.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisites: Nil</td>
</tr>
<tr>
<td>Exclusions: Nil</td>
</tr>
</tbody>
</table>

**Cost:** Nil, however, it is recommended that Music students attend private lessons for their chosen Instrument/Voice.

**Course Description:**
Students in Music 1 range from those with beginner instrumental and/or vocal skills to those with highly developed performance skills in a variety of musical styles including contemporary/popular and classical music. Many of the students have highly developed aural skills that have been nurtured through performance by imitation, and skills in improvisation have often been developed through the same process.

Music 1 assumes no prior knowledge of musical notation beyond the basic introduction in the Years 7–10 Mandatory course. It recognises that students who have had no further involvement in Music beyond their introduction in the Mandatory course will need to revisit elementary musical skills and understanding.

**Main Topics Covered:**
The course provides students with opportunities to engage in a range of musical styles, including contemporary popular music, and for many, it will serve as a pathway for further training and employment in the music industry or in contemporary music fields.
In Music 1, students will study:
the concepts of music; through the learning experiences of performance, composition, musicology and aural within the context of a range of styles, periods and genres.

**Year 11 Course:**
Students will study at least THREE topics from a broad list of music styles, periods and genres including: Rock; Music for Radio, Film, Television and Multimedia; Jazz; Medieval Music, Popular Music.

**Year 12 Course:**
Students will study at least THREE topics from the syllabus.
The topics must be:
Either THREE topics which are different from those studied in the Year 11 course or
TWO topics which are different from those studied in the Year 11 course and ONE topic from the Year 11 course which shows greater depth of understanding, explores new repertoire and includes a comparative study.

**Particular Course Requirements:** nil

**Assessment:**
Core Assessment covers all areas of this course. Performance; Composition; Aural and Musicology and are weighted equally.
HSC Assessment Tasks are set in each core component 55% and also in 3 Electives 45% chosen from Performance, Composition and Musicology.

**Employment / University Opportunities:**
Students can progress to some tertiary institutions on an audition basis. They may enter the music industry as performers. They may continue Composition or progress into Audio/Sound field. Some of the music careers available include: Performers and writers, Recording, Record industry, Industry touring, Music education, Radio and television, Symphony orchestra, Music health, and Instrument work and development
MUSIC 2

Board Developed Course

<table>
<thead>
<tr>
<th>Unit Value</th>
<th>ATAR Category</th>
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<tbody>
<tr>
<td>2</td>
<td>A</td>
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</tbody>
</table>

**Prerequisites:** This demanding course requires students to have a broad music background such as Elective Music in Stage Five or a study of an instrument supported by musicianship. Students are expected to be familiar with standard form of music notation.

**Exclusions:** Nil

**Cost:** Nil, It is recommended that Music students attend private lessons on their chosen Instrument/Voice and may require professional accompaniment for performance examinations.

**Course Description:**
Students develop skills in performance, composition, aural and musicology through the study of the concepts of music. The Mandatory Topic in the Year 11 Course is the study of Music 1600-1900. In the Year 12 course students study Music composed in the last 25 years with a focus on Australian Music. In both years students research an additional topic.

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course</th>
<th>Year 12 Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Performance</td>
<td>- Performance</td>
</tr>
<tr>
<td>- Composition</td>
<td>- Composition</td>
</tr>
<tr>
<td>- Aural</td>
<td>- Aural</td>
</tr>
<tr>
<td>- Musicology</td>
<td>- Musicology</td>
</tr>
<tr>
<td>- Music 1600-1900</td>
<td>- Music composed in the last 25 year.</td>
</tr>
<tr>
<td></td>
<td>- Australian music and composers</td>
</tr>
</tbody>
</table>

**Particular Course Requirements:**
Nil.

**Assessment:**
Core Assessment covers all areas of this course totalling 70%:
Performance 20%
Composition 15%
Musicology and Aural 35%

Elective 30%:
Students choose one area as an elective from Performance, Composition or Musicology.

**Employment / University Opportunities:**
This course can lead to music studies at tertiary Institutions such as Universities and Conservatoriums leading to careers in performance, composition, music education, music therapy, instrumental teaching or conducting.
PERSONAL DEVELOPMENT, HEALTH AND PHYSICAL EDUCATION

Board Developed Course

<table>
<thead>
<tr>
<th>Unit Value</th>
<th>ATAR Category</th>
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<tbody>
<tr>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

**Prerequisites:** Nil  
**Exclusions:** Nil

**Cost:** Nil

**Course Description:**

The aim of PDHPE at Stage 6 is to develop in each student a 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.

The Year 11 course examines a range of areas that underpin health and physical activity. This includes how people think about health and physical activity, the management of personal health and the basis for how the body moves. Students have the opportunity to select from a range of practical options in areas such as first aid, outdoor recreation, composing and performing, and fitness choices.

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

**Main Topics Covered:**

**Year 11 Course:**
- Core 1 – Better Health for Individuals (30%)
- Core 2 – Body In Motion (30%)
- 2 Options (choice made from) – First Aid, Fitness Choices, Outdoor Education and Composition and Performance (40%)

**Year 12 Course:**
- Core 1 – Health Priorities in Australia (30%)
- Core 2 – Factors Affecting Performance (30%)
- 2 Options (choice from) – Sports Medicine, Improving Performance, Equity and Health and Health of Young People (40%)

**Particular Course Requirements:** Nil

**External Assessment:**
HSC Examination – 3 hours
20 Multiple Choice (20 marks core 1 and 2 only), short answer responses based on Core 1 and 2 (40 marks), short answer and extended response based on the two options studied (40 marks).

**Employment / University Opportunities:**

There are a multitude of employment opportunities that fall within the realm of health and physical education including but not limited to; health sciences (physiotherapy/occupational therapy), physical education, health promotion, sport medicine/administration and health care work.

Disclaimer: All efforts were made to ensure the information contained within this book were correct at the time of publication. At all times CHS will be guided by NESA requirements. For any and all questions, please seek advice from a Deputy Principal.
**PHYSICS**

<table>
<thead>
<tr>
<th>Board Developed Course</th>
<th>Unit Value</th>
<th>ATAR Category</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisites:</strong> Satisfactory completion of Stage 5 Science course.</td>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

**Exclusions:**

**Cost:** $35 (plus additional excursion and fieldtrip expenses)

**Recommendation:** successful study of Physics requires a good understanding of Mathematics, therefore students should be capable of at least the Mathematics 2 Unit course

**Course Description:**

The Physics course involves the study of matter and its motion through space and time, along with related concepts that include energy and force. Physics deals with the study of phenomena on scales of space and time – from nuclear particles and their interactions up to the size and age of the Universe. This allows students to better understand the physical world and how it works, appreciate the uniqueness of the Universe, and participate in navigating and influencing the future.

The problem-solving nature of physics further develops students’ Working Scientifically skills by focusing on the exploration of models and the analysis of theories and laws, which promotes an understanding of the connectedness of seemingly dissimilar phenomena.

Students who study physics are encouraged to use observations to develop quantitative models of real world problems and derive relationships between variables. They are required to engage in solving equations based on these models, make predictions, and analyse the interconnectedness of physical entities.

The Physics course builds on students’ knowledge and skills developed in the Science Stage 5 course and help them develop a greater understanding of physics as a foundation for undertaking post-school studies in a wide range of Science, Technology, Engineering and Mathematics (STEM) fields. A knowledge and understanding of physics often provides the unifying link between interdisciplinary studies.

**Main Topics Covered:**

<table>
<thead>
<tr>
<th>Year 11 Course</th>
<th>Year 12 Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Kinematics</td>
<td>- Advanced Mechanics</td>
</tr>
<tr>
<td>- Dynamics</td>
<td>- Electromagnetism</td>
</tr>
<tr>
<td>- Waves and Thermodynamics</td>
<td>- The Nature of Light</td>
</tr>
<tr>
<td>- Electricity and Magnetism</td>
<td>- From the Universe to the Atom</td>
</tr>
</tbody>
</table>

**Particular Course Requirements:**

Scientific investigations include both practical investigations and secondary-sourced investigations. Practical investigations are an essential part of the Year 11 course and 12 course and must occupy a minimum of 70 hours of course time, including time allocated to practical investigations in depth studies.

Practical investigations include:

- undertaking laboratory experiments, including the use of appropriate digital technologies
- fieldwork.

Secondary-sourced investigations include:

- locating and accessing a wide range of secondary data and/or information
- using and reorganising secondary data and/or information.

**External Assessment:**

HSC Examination – to be confirmed by NESA

**Employment / University Opportunities:**

Physics, Medicine, Engineering, Pilot, Architecture, Metallurgy, Optometry, Radiography, Meteorology, Astronomy, Nuclear Physicist and Law.
SOCIETY AND CULTURE

Board Developed Course

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
</tr>
</thead>
</table>

Cost: Nil (excursions as they arise)

Course Description:
Society and Culture is a specialist course for students who are interested in exploring the interactions between individuals, the cultures in which we operate and the forces shaping communities over time. If you are interested in how your identity has been shaped and how collective experience forms social identity and customs then you will find this course interesting.

More like a university course, Society and Culture borrows heavily from sociology, psychology, anthropology and political science. It is a course requirement that students develop, apply, analyse and evaluate their own research. Using examples and issues to provide context, the course examines aspects of societies and cultures including: power, authority, gender, technology. It requires and seeks to develop high levels of cultural literacy and an ability to examine source bias and ethical research.

Unlike most other HSC courses, there are few content parallels. However, students who have a breadth of cultural experiences both in Australia and abroad tend to find it easier to adapt course concepts to their own experience sets. Students of history and social sciences will find the style of writing and analysis complementary.

Students should familiarise themselves with the Personal Interest Project, a major work project which constitutes 40% of the external mark for the HSC

Main Topics Covered:

<table>
<thead>
<tr>
<th>Year 11 Course:</th>
<th>HSC Course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The Social and Cultural World</td>
<td>- Social and Cultural Continuity and Change</td>
</tr>
<tr>
<td>- Personal and Social Identity</td>
<td>- Belief Systems and Ideologies</td>
</tr>
<tr>
<td>- Intercultural Communication</td>
<td>- Social Inclusion and Exclusion</td>
</tr>
</tbody>
</table>

Employment / University Opportunities:

The intellectual and research requirements of Society and Culture are far more like a University Course than a HSC one. In turn, it is excellent preparation for the demands of tertiary study in all forms, but is especially useful for studies within: The Arts, Global Studies, Urban Planning, Government & Policy, International Relations, Law, Business and Psychology.
SOFTWARE DESIGN AND DEVELOPMENT

Board Developed Course

<table>
<thead>
<tr>
<th>Unit Value</th>
<th>ATAR Category</th>
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<td>2</td>
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</table>

**Prerequisites:** Nil  
**Exclusions:** Nil

**Cost:** $75 per year (includes $30 subscription to Grok Learning)

**Course Description:**
Students should choose this subject if they like problem solving and are interested in programming computers, authoring multimedia with scripting, and computer science. Students will need good mathematical, analytical and problem-solving skills. Students will be introduced to a range of programming languages and styles and will master at least one in depth. Software Design and Development refers to the creativity, knowledge, values and communication skills required to develop computer programs. The subject provides students with a systematic approach to problem-solving, an opportunity to be creative, excellent career prospects and interesting content. Software development is a distinctive field within the computing discipline. Those who will do further study in this field are at an advantage if they understand software programming.

There are many different approaches that can be taken in developing software. An understanding of these and the situations in which they are applied is essential in software development as is an understanding of how hardware and software are interrelated.

In order to develop solutions that meet the needs of those who will use them, communication, personal and team skills are required by developers. Together, these form the basis for the course.

**Main Topics Covered:**
- Concepts and Issues in the Design and Development of Software
- Development and Impact of Software Solutions
- Software Development Cycle
- Developing Software Solutions and a Solution Package - Project work
- Programming Paradigms or The interrelationship between software and hardware

**Year 11 Course:**
- Software development approaches
- Hardware functionalities
- Social and ethical issues
- Project Management

**Year 12 Course:**
- Application of software development approaches in major work
- Social and ethical issues
- Option topic: Programming paradigms or The interrelationship between software and hardware

**Particular Course Requirements:** Nil

**Assessment:**
In Year 12 students complete a major project developing a software solution of their choice. This forms part of their school assessment.

**External Assessment:**
HSC - 3 hour examination

**Employment / University Opportunities:**
TAFE, university study, computer programmer, software design, computer Science, Web design, multimedia design, game design, database administrator, game developer, information systems manager, IT consultant, multimedia programmer, SEO specialist, systems analyst, systems developer, Web designer, Web developer, computer science researcher (e.g. researching the field of Artificial Intelligence), Bioinformatics engineer, Robotics engineer. Any number of science related degrees will combine well with Computer Science.
STUDIES OF RELIGION

<table>
<thead>
<tr>
<th>Board Developed Course</th>
<th>Unit Value</th>
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<tbody>
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<td>2</td>
<td>A</td>
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</tbody>
</table>

**Prerequisites:** Nil  
**Exclusions:** Nil  

**Cost:** Nil

**Course Description:**

Please Note: This is not a religious education course.

Students, through studying this subject, learn to examine critically the role religion plays in our society and to appreciate and understand different belief systems. It promotes awareness, understanding and critical appreciation of the nature of religion and the influence of religious traditions, beliefs and practices in societies and on the individual, with an emphasis on the Australian context.

Students who are interested in contemporary society and social issues should look at this course. If you are interested in studying a wide range of religious beliefs, customs, ideologies and other cultures, enjoy independent research and analysis and wish to develop research skills, then this course is for you. It is NOT necessary to have deeply held religious beliefs to undertake this course, only an interest in human nature and an enquiring mind.

**Main Topics Covered:**

**Year 11 Course:**
- Nature of Religion and Beliefs
- Religions of Ancient Origin
- Religion in Australia pre-1945
- 3 Religious Tradition Depth Studies

**HSC Course:**
- Religion in Australia post-1945
- Religion and Peace
- Religion and Non-Religion
- 3 Religious Tradition Depth Studies (continued from Prelim course)

**Religious Depth Studies chosen from:**
Buddhism, Christianity, Hinduism, Islam and Judaism

**Particular Course Requirements:** nil

**External Assessment:** HSC examination
HSC – 3 hour examination

**Employment / University Opportunities:**

The writing and analysis skills developed in this course are extremely useful to students intending to study Law, business/marketing as it gives a broad understanding of our community and the cultural diversity that makes it up. Studies of Religion II (Stage 6) provide students with knowledge, understanding and skills which form a valuable foundation for a range of courses at university and other tertiary institutions. Some key career links include: the media, research, teaching, journalism, politics.
VISUAL ARTS
Board Developed Course

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
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</thead>
<tbody>
<tr>
<td>Unit Value</td>
<td>ATAR Category</td>
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<tr>
<td>2</td>
<td>A</td>
</tr>
</tbody>
</table>

Cost: $80 per year with possible additional expenses for the production of the body of work.

Course Description:
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 that demonstrates their ability to resolve a conceptually strong work. Students critically investigate works, critics, historians and artists from Australia as well as other cultures, traditions and times. The Year 11 Course is broad, while the HSC Course provides for deeper, increasingly more independent investigations.
The literacy and analytical demands of this course are high. It is well suited to students who will work hard in class, ask questions and engage in regular revision to ensure they are up to date with coursework. Students who enjoy working autonomously are creative and have competent time-management skills would suit this course.

Main Topics Covered:

**Year 11 Course:**
- The nature of practice in artmaking, art criticism and art history through different investigation
- The role and function of artists’ artwork, the world and audiences in the artworld
- The frames and how students might develop their own informed points of view
- How students may develop meaning and focus and interest in their work
- Building understandings over time through various investigations and working in different expressive forms.

**Year 12 Course:**
- How students may develop their own informed points of view in increasingly more independent ways using the frames
- How students may develop their own practice of artmaking, art criticism and art history applied to selected areas of interest
- How students may learn about the relationships between artist, artwork, world and audience within the artworld
- How students may further develop meaning and focus in their work.

**Particular Course Requirements:**
Year 12: students must submit a body of work, worth 50 marks, and sit for a written examination, worth 50 marks, at the Higher School Certificate.

**External Assessment:**
HSC Course:
Practical Body of Work 50%
Theory Final Examination 50%

**Employment / University Opportunities:**
Visual Arts students develop their skills in communication, creative thinking, problem solving, writing and analysis. They are given opportunities to work autonomously and in collaboration. These skills are valuable and build a solid foundation for students moving into the work force or into higher education. Specific links can be made between Visual Arts and the following career paths: Art Critic, Art historian, Gallery Curator, Practicing Artist, Architecture, Advertising, Design, Art Directing, Graphics and Media Studies, Animation, Film Making, Game Design, Photography, Printing, Teaching, Town Planning and many more.
# PSYCHOLOGY

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost: Nil</td>
<td></td>
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</tbody>
</table>

**Course Description:**
This is a fascinating course where students will develop an understanding of human behaviour and how our brains work. Students will undertake a broad study of Psychology that will develop students’ knowledge, understanding and skills to enable them to comprehend the functioning of the mind, human relationships, perception and the diversity of human behaviour. Students will develop effective communication skills in both oral and written forms as well as developing their skills in research and forming opinions based on a variety of source material. This course will also provide students with the opportunity to conduct independent research.

**Main Topics Covered:**
- The origin and nature of psychology
- The nervous system and aspects of behaviour
- Research design and methodology
- Abnormal psychology
- Memory
- Mental disorders e.g schizophrenia

**Particular Course Requirements:**
NIL. Whilst this course is for the Preliminary year only, it does give students an excellent introduction to the study of Psychology for those students who may wish to study this further at University.

**Assessment:**
NO external assessment, but students will complete research tasks on a range of chosen topics

**Employment / University Opportunities:**
This course will provide students with a valuable foundation for a range of courses at University and other tertiary institutions including Psychology, Sociology, Human Resources, Education, Law, Research Work, Industrial Relations and Clinical Psychology. It will also assist students to prepare for employment, adult life and to be full and active citizens. Some career links include: clinical and industrial psychology, education, counselling, law, media, human resources, forensic and sport psychology, marketing, business management, journalism, politics, public relations, hospitality and social work.
SPORT LEISURE AND RECREATION

<table>
<thead>
<tr>
<th>Prerequisites: Nil</th>
<th>Exclusions: Nil</th>
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</thead>
<tbody>
<tr>
<td>Cost: Nil</td>
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</tbody>
</table>

**Course Description:**
The Sport, Lifestyle and Recreation content endorsed course develops student’s knowledge, understanding and skills needed to adopt active and health-promoting lifestyles.

50% of the course is practical
50% of the course is theory

Practical skills are developed in a variety of settings, some may be required to be taught away from the school environment.

The course builds upon the learning of PDHPE in years 7 to 10 and suits students who have an interest in sport and physical activity. Note that it does not contribute to student’s ATAR and is not as academically challenging as Stage 6 PDHPE.

**Main Topics Covered:**
- Athletics
- Dance
- Sports Injuries
- Fitness and Resistance Training
- Games and Sport Application
- Gymnastics
- Outdoor Recreation
- Sports Administration and coaching

**Particular Course Requirements:**
PE Uniform

**Assessment:**
There is no external examination of students in Stage 6 Content Endorsed Courses.

**Internal Assessment**
50% - Knowledge and understanding, tests, exams and assignments
50% - Skills practical work

**Employment / University Opportunities:**
This course provides a sound platform for further study in coaching or in the fitness industry e.g., coaching, gym instructors, personal trainers, sports administration
Life Skills courses provide an alternative HSC for students with special learning needs. They are not examined externally and do not contribute to an ATAR.

Each course is studied at 2 unit level in Year 11 and in Year 12. Students, in consultation with the Head Teacher Special Education, will be able to undertake the following program of study for the awarding of a Life Skills HSC. NESA has developed Life Skills courses for a range of subjects.

Life Skills HSC subjects offered at Chatswood High School are:
- English Life Skills
- Mathematics Life Skills
- Science Life Skills
- Personal Development Health and Physical Education Life Skills
- Human Society and its Environment Life Skills
  - This includes aspects of Aboriginal Studies, Citizenship and Society Studies, Geography, History and Legal Studies.
- Creative Arts Life Skills
  - This includes Music and Visual Arts.
- Technology Life Skills
  - This includes aspects of Food technology and Industrial Technology.

Courses focus on generalising knowledge, understanding, skills, values and attitudes across a range of post school destinations. The structure of each course is designed to provide a broad and balanced approach to meet individual student needs in preparation for participation into community life.

At Chatswood High School it is possible for students to make up their units with a combination of life skills and mainstream subjects.

Life Skills courses are developed on an individual basis. Planning is a collaborative process where an Individual Transition Plan is developed by parents, student, and the school’s Learning Support Team.

Post-School Options

These may involve employment, community involvement, further study or, a combination of all three. Prior to leaving school, relationships are established with post-school service providers and assessments are offered through the NDIS School Leaver Employment Support (SLES) Functional Assessment for School Leavers, to determine appropriate levels of support for individual students.
Chatswood High School offers the following Vocational Education and Training subjects:

- Business Services
- Construction
- Hospitality- Kitchen Operations

Vocational Education and Training courses provide students with the opportunity to gain:

- an industry-recognised national vocational qualifications under the Australian Qualifications Framework (AQF)
- a NSW Higher School Certificate (HSC)
- an ATAR. The examination mark from one Industry Curriculum Framework VET course may be included in the calculation of a student’s ATAR.
- a range of technical, personal and organisational skills highly valued by employers.

School based assessment

VET courses are competency based. This requires students to develop skills and knowledge and then demonstrate these to a qualified assessor. When demonstrated to an industry standard, the student is then deemed ‘competent’.

Students complete assessment tasks known as cluster tasks, to assess their level of competence. Cluster tasks contain both written and practical work.

HSC examination (optional)

The HSC examination for a VET course will involve a written examination made up of multiple choice, short answers and extended responses. This written examination is optional, but must be undertaken by any student wishing to achieve an ATAR.

This examination is independent of the competency based assessment and has no impact on a student receiving AQF qualifications.

Work placement

To be eligible for an HSC in a VET course, students must complete a mandatory work placement in both the Year 11 and Year 12 courses. A total of 70 hours for a 240 hour 2 unit course must be completed in the industry relevant to their VET course by the conclusion of Term 3 of their HSC year.

Students who can provide evidence of recent or relevant experience in the industry relevant to their course can apply for Recognition of Prior Learning (RPL). These students should seek the advice of their VET teacher or VET Coordinator.

Students who do not attend work placement due to illness or misadventure must notify the school and produce appropriate evidence on return to school. Non-completion of work placement is grounds for withholding the course and students may be issued an ‘N’ determination.
VET COURSES AND STUDENTS WITH SPECIAL EDUCATION NEEDS

VET courses can be taken by any students including those with special education needs. Successful participation in VET courses for students with special education needs requires:

- ongoing partnerships between the schools and students, parents, teachers, employers and others in the community
- collaborative curriculum planning
- appropriate learning and assessment strategies
- consultation on whether the student needs support to undertake work placement.

Assessment

All students undertaking VET courses, including students with special education needs, are subject to the same assessment requirements.

Reasonable adjustments may be made to assist students to develop their skills and knowledge to an industry standard and achieve competency. Where adjustments to delivery and assessment are made, the industry competency standards need to be met.

OR

Adjustments to delivery and assessment may be made to assist students to develop their skills and knowledge to an industry standard and achieve competency. However, where adjustments are made, the industry competency standards need to be met.

Work placement

All students, including students with special education needs, must complete mandatory work placement requirements.

This should be taken into consideration before choosing a VET course.

REFUND POLICY

If a student decides to leave the course, they must contact the School Office for details of the refund policy.

The school VET coordinator (Ms Stacey) has more information on VET courses.
BUSINESS SERVICES (VET)

QUALIFICATION: Certificate II Business (BSB20115)

- Board Developed Course – NESA No: 26101
- Minimum mandatory work placement – 70 hours
- A total of 4 units of credit – Year 11 and/or HSC
- Exclusions with other Board Developed Courses - nil
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables -nil

Course Description:
This course provides students with the opportunity to obtain national vocational qualifications for employment in the business services industry. Students will be able to gain skills in office administration, business communication, safe and environmentally sustainable work practices and the use of technology in an office environment. Skills gained in this industry transfer to other industries. Occupations in the business services industry include sales clerk/officer, secretary/personal assistant, receptionist, and payroll clerk/officer and office manager/owner of a small business.

HSC Course Structure:
This course consists of one core unit and thirteen elective units

UNITS OF COMPETENCY

Core – Attempt all units

<table>
<thead>
<tr>
<th>Unit code</th>
<th>Unit title</th>
<th>HSC indicative hours of credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSBWHS201</td>
<td>Contribute to health and safety of self and others (Examinable)</td>
<td>15</td>
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</tbody>
</table>

Stream focus area - Mandatory (Examinable)

<table>
<thead>
<tr>
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<th>Unit title</th>
<th>HSC indicative hours of credit</th>
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</thead>
<tbody>
<tr>
<td>BSBINN201</td>
<td>Contribute to workplace innovation</td>
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</tr>
<tr>
<td>BSBCUS201</td>
<td>Deliver a service to customers</td>
<td>15</td>
</tr>
<tr>
<td>BSBIND201</td>
<td>Work effectively in a business environment</td>
<td>25</td>
</tr>
<tr>
<td>BSBINM201</td>
<td>Process and maintain workplace information</td>
<td>20</td>
</tr>
<tr>
<td>BBSUS201</td>
<td>Participate in environmentally sustainable work practices</td>
<td>15</td>
</tr>
<tr>
<td>TLIP2029</td>
<td>Prepare and process financial documents</td>
<td>20</td>
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Electives - Attempt ALL units

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<thead>
<tr>
<th>Unit code</th>
<th>Unit title</th>
<th>HSC indicative hours of credit</th>
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</thead>
<tbody>
<tr>
<td>BSBWOR204</td>
<td>Use business technology</td>
<td>15</td>
</tr>
<tr>
<td>BSBWOR203</td>
<td>Work effectively with others</td>
<td>15</td>
</tr>
<tr>
<td>BSBCCM201</td>
<td>Communicate in the workplace</td>
<td>15</td>
</tr>
<tr>
<td>BSBWOR202</td>
<td>Organise and complete daily work activities</td>
<td>15</td>
</tr>
<tr>
<td>BSBITU201</td>
<td>Produce simple word processed documents</td>
<td>20</td>
</tr>
<tr>
<td>BSBITU202</td>
<td>Create and use spreadsheets</td>
<td>20</td>
</tr>
<tr>
<td>BSBITU307</td>
<td>Develop keyboarding speed and accuracy</td>
<td>25</td>
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ASSESSMENT AND COURSE COMPLETION

Competency-based Assessment:
Students in this course work to develop the competencies, skills and knowledge described by each unit of competency. To be assessed as competent a student must demonstrate that they can effectively carry out tasks to industry standard. Students will be progressively assessed as ‘competent’ or ‘not yet competent’ in individual units of competency.

Work placement:
Students must complete a minimum of 70 hours work placement in a Business Services related industry workplace (35 hours in each of Years 11 and 12).

Optional HSC examination:
Students completing this course are eligible to sit an optional, written HSC examination. The questions will be drawn from the Mandatory Focus areas and associated Units of Competency. The purpose of the examination is to provide a mark which may be used in the calculation of the ATAR. 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 an AQF VET qualification.

N Determinations:
Where a student has not met NESA course completion criteria, including meeting work placement requirements, they will receive an ‘N’ determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.

Appeals:
Students may lodge appeals against assessment decisions or ‘N’ determinations through their school or college.

Recognition of Prior Learning:
Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.
CONSTRUCTION (VET)

QUALIFICATION: Certificate II in Construction Pathways (CPC20211)

- Board Developed Course - NESA No: 26201
- Minimum mandatory work placement – 70 hours
- Exclusions with other Board Developed Courses – nil
- A total of 4 units of credit – 2 units x 2 years (Year 11 and HSC)
- Category B status for the Australian Tertiary Admission Rank (ATAR)
- Consumables: $35

Course Description:
This course provides students with the opportunity to obtain national vocational qualifications for employment in the construction industry. Students will be able to gain skills in planning and organising work, measuring and calculating, reading and interpreting plans, safe and environmentally sustainable work practices and the use of construction tools and equipment. Skills gained in this industry can transfer to other industries. Occupations in the construction industry include: construction or trades assistant, builder’s labourer, concreter and painter and decorator. As part of the course, all students must have a WorkCover ‘white card’ before they can enter a worksite.

HSC Course Structure:
This course consists of six core units of competency and nine elective units.

UNITS OF COMPETENCY – Compulsory – Attempt ALL units

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<td>CPCCOHs2001A</td>
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<td>CPCCCM1015A</td>
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Electives - Attempt ALL units

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<tr>
<th>Electives - Attempt ALL units</th>
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</thead>
<tbody>
<tr>
<td>Unit code</td>
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<td>CPCCCA2011A</td>
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<td>CPCCCM2006B</td>
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<td>CPCCCO2013A</td>
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<td>CPCCCN2002B</td>
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<td>CPCCCA2003A</td>
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Additional examinable units delivered to meet NESA requirements

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<tr>
<td>CPCCOHs1001A</td>
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ASSESSMENT AND COURSE COMPLETION

Competency-based Assessment:
Students in this course work to develop the competencies, skills and knowledge described by each unit of competency. To be assessed as competent a student must demonstrate that they can effectively carry out tasks to industry standard. Students will be progressively assessed as ‘competent’ or ‘not yet competent’ in individual units of competency.

Work placement:
Students must complete a minimum of 70 hours work placement in a Construction related industry workplace (35 hours in each of Years 11 and 12).

Optional HSC examination: Students completing this course are eligible to sit an optional, written HSC examination. The questions will be drawn from the compulsory Units of Competency. The purpose of the examination is to provide a mark which may be used in the calculation of the ATAR. 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 an AQF VET qualification.

N Determinations: Where a student has not met NESA course completion criteria, including meeting work placement requirements, they will receive an ‘N’ determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.

Appeals: Students may lodge appeals against assessment decisions or ‘N’ determinations through their school or college.

Recognition of Prior Learning: Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.
Assessment and Course Completion

BSBSUS201
Additional Units of competency delivered to meet NESA requirements
SITHCCC003
SITHCCC006
SITXFSA002
SITHIND002
Electives –
SITHCCC011
SITXINV002
SITHKOP001
SITHCCC005
BSBWOR203
SITXWHS001
SITXFSA001
Unit code
Unit title
Core - Attempt ALL units
SITXFS001 Use hygienic practices for food safety (Mandatory)
SITXWS001 Participate in safe work practices (Mandatory)
BSBWOR03 Work effectively with others (Mandatory)
SITHCCC01 Use food preparation equipment (KO&C Stream)
SITHCCC05 Prepare dishes using basic methods of cookery (KO&C Stream)
SITHKPO01 Clean kitchen premises and equipment (KO&C Stream)
SITXINV002 Maintain the quality of perishable items (Elective)
SITHCCC011 Use cookery skills effectively (Elective)
Electives – Attempt ALL units
SITHIND002 Source and use information on the hospitality industry (Mandatory)
SITXFS002 Participate in safe food handling practices (KO&C Stream)
SITHCCC002 Prepare and present simple dishes (Elective)
SITHCCC006 Prepare appetisers and salads (Elective)
SITHCCC003 Prepare and present sandwiches (Elective)
Additional Units of competency delivered to meet NESA requirements
BSBSUS201 Participate in environmentally sustainable work practices (Elective)

ASSESSMENT AND COURSE COMPLETION

Competency-based Assessment:
Students in this course work to develop the competencies, skills and knowledge described by each unit of competency. To be assessed as competent a student must demonstrate that they can effectively carry out tasks to industry standard. Students will be progressively assessed as ‘competent’ or ‘not yet competent’ in units of competency through holistic assessment.

Work placement: Students must complete a minimum of 70 hours work placement in a Hospitality related industry workplace (35 hours in each of Years 11 and 12). For the 240-hour course only, it is permissible for up to 50% of work placement to include school and community functions where students cater for and/or service customers.

N Determinations:
Where a student has not met NESA course completion criteria they will receive an ‘N’ determination (course not satisfactorily completed). The course will then not count towards the HSC although units of competency achieved will still count towards an AQF VET qualification.

Appeals:
Students may lodge appeals against assessment decisions or ‘N’ determinations through their school or college.

Recognition of Prior Learning:
Students may apply for Recognition of Prior Learning by submitting current evidence of their competency against relevant units of competency. If a student is assessed as competent in a unit of competency there is no need for further training for that unit.
EXTERNAL COURSE INFORMATION

Students interested in completing a Year 11 and Year 12 course through an external course provider will need to complete the External Studies Application Form.

Students should be aware of the following:
1. they will be required to complete 12 units at CHS until the end of Term 1
2. completing an external course may require a student to miss timetabled CHS lessons, and it is the responsibility of the individual student to identify worked missed and complete all that is required to maintain currency.

TAFE BASED VET COURSES (TVET)

Consider carefully any TVET selection you make. If you select a TVET course for the wrong reason you may not be successful in completing the course. This may then put the successful completion of Year 11 in danger. Consult the Careers Adviser prior to making your application.

Students need to complete the External Studies Application Form for CHS and discuss this with the Careers Adviser during the subject selection interview process. To obtain the TVET Course Information Sheet from the Careers Adviser, together with the relevant TVET application form. All TAFE delivered courses require the completion of an application form. Ensure that a sufficient number of units are chosen at school in case the TVET application is unsuccessful.

The majority of TVET classes are held on TUESDAY afternoons each week. Classes usually start from 2pm onwards and finish by 6pm. Occasionally other days and/or times are organised by TAFE. As courses run in and out of school time, some students will miss some classes at school. Be aware of this and consider whether you are willing to miss these classes.

If students miss a TAFE lesson for any reason, explanation and documentation needs to be given to the Careers Adviser at Chatswood High School on return to school, e.g. a medical certificate for each illness, a funeral notice where relevant, or early warning if a clash with TAFE is foreseen. Communication is essential.

Students attending TVET are responsible for payment of bus or train fares to and from the TAFE college. School transport passes may not be used.

TAFE is an adult learning environment in which all TAFE attendance and assessment requirements must be met. Before accepting an application TAFE requires the school to make a recommendation as to the student’s suitability. This recommendation is based on the student’s work effort, behaviour and attendance.

Remember, if you select a TVET course which you do not wish to continue in Year 12, and you wish to drop a school based course, you may be limiting your options for an ATAR or in some cases your HSC.

Entry to most courses is competitive. There are no TAFE fees; however, students must provide their own materials. Course availability is subject to demand. There are 2 types of courses, ATAR and non-ATAR. School based Traineeships and Apprenticeships may be available for some courses.

Key to Colleges

<table>
<thead>
<tr>
<th>Bd</th>
<th>Bradfield</th>
<th>CN</th>
<th>Crows Nest</th>
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<td>H</td>
<td>Hornsby</td>
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<td>Meadowbank</td>
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<td>NB</td>
<td>Northern Beaches</td>
<td>NS</td>
<td>North Sydney</td>
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<tr>
<td>R</td>
<td>Ryde</td>
<td>F</td>
<td>Freshwater</td>
</tr>
</tbody>
</table>

See applicable section of the NSI TVET Courses 2018 or visit www.sbatinnsw.info
Think big, think TVET!

TAFE-delivered vocational education and training (TVET) courses for high school students

Swap your school desk for hands-on experience and get a head start on your career!

With a TVET course at the Northern Sydney Institute, part of TAFE NSW, you can start working towards your future, while still at school.

TVET courses allow high school students in Years 10, 11 and 12 to study selected TAFE NSW vocational subjects and receive credit for units of study towards their Preliminary and/or HSC.

You can also gain recognition for your TAFENSW course when applying for further study at TAFE NSW and some courses contribute towards your Australian Tertiary Admissions Rank (ATAR).

Many TVET courses include work placement so they are a great way to start building real world experience.

At the Northern Sydney Institute we offer you an adult learning environment with the high level support you would expect from industry experienced teachers.

The details:

- TVET courses are usually the equivalent to two units per year for Preliminary and/or HSC
- most classes are held over four hours – usually between 2pm and 6pm
- all equipment and uniforms are provided (where appropriate)
- TVET students will have access to Institute facilities, including campus libraries, careers counsellors, CareersConnect and study centres.

For more information contact your school’s career advisor or call the Northern Sydney Institute on 131 674.

“Studying a TVET course certainly made the transition from school life to university life easier because of the independence it gave me. Meeting new people and learning about a completely different subject was a whole heap of fun.”

Azbe Assinovski, 2012 TVET Student of the Year
Certificate II in Hospitality – Food and Beverage

Unlock your potential. It starts here. 131 674 • nsi.edu.au
WHAT IS TAFE DELIVERED VOCATIONAL AND EDUCATIONAL TRAINING (TVET)?

While studying for your Higher School Certificate, consider getting a head-start on the road to your future career and pick up important life skills on the way.

TVET Courses are a great study option during Year 11 and/or Year 12 because they allow you to:
- Complete NESA units that count towards your HSC
- Gain practical skills that will make you job-ready
- Experience an adult learning environment
- Start or complete a nationally recognised TAFE NSW qualification at the same time as you do your HSC
- Choose from courses that are not offered at school.

BOARD DEVELOPED COURSES - INDUSTRY CURRICULUM FRAMEWORK

Give you credit towards the HSC and may count towards an ATAR if you complete the 240 hour course, mandatory Work Placement and undertake the optional HSC exam (NESA).

BOARD ENDORSED COURSES (SEE OVER)

Endorsed by the NESA and can count towards the units for the Preliminary/HSC but do not contribute to an ATAR.

Please note that courses and their availabilities are subject to change and the information provided was correct at the time of printing. Contact your local TAFE office to ensure your chosen course is running at the desired location.

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<thead>
<tr>
<th>Course Name</th>
<th>Code</th>
<th>ATAR</th>
<th>Location</th>
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<tbody>
<tr>
<td>Automotive - Vehicle Mechanical</td>
<td>AUR20716</td>
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<tr>
<td>Automotive - Vehicle Body</td>
<td>AUR20712</td>
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<td>Business Services</td>
<td>BS82015</td>
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<td>Business Services</td>
<td>BS83015</td>
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<td>Construction - Pathways</td>
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<td>Electrotechnology - Cancer Stents</td>
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<td>Human Services - Allied Health</td>
<td>HL30915</td>
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<td>Human Services - Health Services Assistance</td>
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<td>Information and Digital Technology - Digital Animation</td>
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<td>Information and Digital Technology - Digital Animation/Scenes Development</td>
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FOR MORE INFORMATION CONTACT

Enmore, Petersham, Randwick, St. George,
Gymea/Lotus, Ultimo:
E sitvetinfo@tafensw.edu.au | P 02 9710 5936

Bradfield, Hornsby, Meadowbank,
Northern Beaches, Ryde, St. Leonards:
E sitvetinfo@tafensw.edu.au | P 02 9941 5269

TAFENSW.EDU.AU
## BOARD ENDORSED COURSES

<table>
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<tr>
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<th>Code</th>
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<td>Baking Retail</td>
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<td>Beauty Services - Make-up</td>
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<td>Children’s Services - Early Childhood Education and Care</td>
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<td>Community Dance, Theatre and Events</td>
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<tr>
<td>Community Services - Introduction to Children’s Services</td>
<td>CIE22015</td>
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<tr>
<td>Community Services - Welfare</td>
<td>CIE31205</td>
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<tr>
<td>Construction - Wall and Floor Tiling</td>
<td>CIP20211</td>
<td>*</td>
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<tr>
<td>Dental Assisting</td>
<td>HTI1812</td>
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<tr>
<td>Design Fundamentals</td>
<td>CUA30715</td>
<td>*</td>
</tr>
<tr>
<td>Design Fundamentals - 3D Animation and Visual Effects</td>
<td>CUA30715</td>
<td>*</td>
</tr>
<tr>
<td>Design Fundamentals - Digital and Graphic Design</td>
<td>CUA30715</td>
<td>*</td>
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<tr>
<td>Design Fundamentals - Drawing and Illustration</td>
<td>CUA30715</td>
<td>*</td>
</tr>
<tr>
<td>Design Fundamentals - Fashion Design</td>
<td>CUA30715</td>
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<tr>
<td>Design Fundamentals - Interior Design</td>
<td>CUA30715</td>
<td>*</td>
</tr>
<tr>
<td>Design Fundamentals - Production Design (Film, Theatre and Events)</td>
<td>CUA30715</td>
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<tr>
<td>Fitness</td>
<td>SIS30315</td>
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<tr>
<td>Floristry</td>
<td>SFL2015</td>
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<tr>
<td>Furniture Making</td>
<td>MSF20313</td>
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<tr>
<td>Hair and Beauty Services - Retail Cosmetics</td>
<td>SHS2013</td>
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<tr>
<td>Hair and Beauty Services - Salon Assistant</td>
<td>SHS20216</td>
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<tr>
<td>Laboratory Skills - Introduction to Forensics</td>
<td>MSL3011</td>
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<tr>
<td>Maritime Operations Coastal Waterfowl</td>
<td>MAR20313</td>
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<td>Media - 3D Game Development</td>
<td>CUA30015</td>
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<tr>
<td>Media - Film/TV and New Media Production</td>
<td>CUA30413</td>
<td>*</td>
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<td>Music Industry - Introduction</td>
<td>CUA30915</td>
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<td>Outdoor Recreation</td>
<td>SIS20213</td>
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<td>Plumbing</td>
<td>CTP32413</td>
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<tr>
<td>Property Services (Agency)</td>
<td>CTP20211</td>
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<tr>
<td>Screen and Media - Animation</td>
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<tr>
<td>Screen and Media - Film and Radio</td>
<td>CUA3015</td>
<td>*</td>
</tr>
<tr>
<td>Screen and Media - Film and Television</td>
<td>CUA3015</td>
<td>*</td>
</tr>
<tr>
<td>Screen and Media - Media</td>
<td>CUA20215</td>
<td>*</td>
</tr>
<tr>
<td>Screen and Media - Media &amp; Journalism</td>
<td>CUA20215</td>
<td>*</td>
</tr>
<tr>
<td>Skills for Work and Vocational Pathways - Business and Retail</td>
<td>FSK2013</td>
<td>*</td>
</tr>
<tr>
<td>Skills for Work and Vocational Pathways - Horticulture</td>
<td>FSK2013</td>
<td>*</td>
</tr>
<tr>
<td>Skills for Work and Vocational Pathways - Hospitality</td>
<td>FSK2013</td>
<td>*</td>
</tr>
<tr>
<td>Sport, Fitness and Recreation</td>
<td>SIS2015</td>
<td>*</td>
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<tr>
<td>Theatre and Screen Performance (Acting)</td>
<td>10215NAT</td>
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<tr>
<td>Visual Arts - Concept Art</td>
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<tr>
<td>Visual Arts - Creative Arts</td>
<td>CUA3115</td>
<td>*</td>
</tr>
<tr>
<td>Visual Arts and Contemporary Crafts - Photography</td>
<td>CUA3115</td>
<td>*</td>
</tr>
</tbody>
</table>

See your Careers Advisor regarding applications for ALL TVET Courses.

Information is correct at the time of printing (May 2017) and is subject to change.

Disclaimer: All efforts were made to ensure the information contained within this book were correct at the time of publication. At all times CHS will be guided by NESA requirements. For any and all questions, please seek advice from a Deputy Principal.
SATURDAY SCHOOL OF COMMUNITY LANGUAGES

Study your background community language at the Saturday School of Community Languages!

The Saturday School of Community Languages (SSCL) is a Department of Education and Communities secondary school that offers language courses to students wishing to study their background community language if it is not available for study at their day school.

There are fifteen SSCL Centres, thirteen based at high schools in the Sydney metropolitan area and one each in Wollongong and Newcastle.

Courses are offered for the Record of School Achievement and the Higher School Certificate in twenty four languages.

For more information, please visit the Saturday School of Community Languages website www.sscl.schools.nsw.edu.au.

If you wish to study your background community language, please obtain initial advice from your school.

<table>
<thead>
<tr>
<th>School Centre</th>
<th>Languages Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arthur Phillip High School Centre</td>
<td>Arabic, Persian, Turkish</td>
</tr>
<tr>
<td>Ashfield Boys High School Centre</td>
<td>Chinese, Modern Greek, Polish, Spanish</td>
</tr>
<tr>
<td>Bankstown Girls High School Centre</td>
<td>Filipino, Hungarian, Macedonian</td>
</tr>
<tr>
<td>Birrong Boys High School Centre</td>
<td>Chinese, Vietnamese</td>
</tr>
<tr>
<td>Birrong Girls High School Centre</td>
<td>Arabic</td>
</tr>
<tr>
<td>Chatswood High School Centre</td>
<td>Armenian, Chinese, Japanese, Korean, Modern Greek, Polish, Spanish</td>
</tr>
<tr>
<td>Dulwich Centre</td>
<td>Portuguese, Serbian, Turkish, Vietnamese</td>
</tr>
<tr>
<td>Kogarah High School Centre</td>
<td>Chinese, Croatian, Macedonian, Spanish</td>
</tr>
<tr>
<td>Liverpool Boys High School Centre</td>
<td>Arabic, Chinese, Croatian, Turkish, Vietnamese</td>
</tr>
<tr>
<td>Liverpool Girls High School Centre</td>
<td>Bengali, Hindi, Khmer, Polish, Serbian, Spanish</td>
</tr>
<tr>
<td>Merewether High School Centre</td>
<td>Chinese</td>
</tr>
<tr>
<td>St George Girls High School Centre</td>
<td>Arabic, Modern Greek</td>
</tr>
<tr>
<td>Smiths Hill High School Centre</td>
<td>Arabic, Chinese, Macedonian, Modern Greek, Serbian, Spanish, Turkish</td>
</tr>
<tr>
<td>Strathfield Girls High School Centre</td>
<td>Chinese, Italian, Korean, Ukrainian</td>
</tr>
<tr>
<td>The Hills Sports High School Centre</td>
<td>Chinese, Hindi, Korean, Maltese, Modern Greek, Punjabi, Spanish, Turkish</td>
</tr>
</tbody>
</table>

NSW SCHOOL OF LANGUAGES (OPEN HIGH SCHOOL)

Open High School is a NSW Department of Education secondary distance education school offering courses in 12 languages to students in Years 9-12, and is located in the eastern Sydney suburb of Randwick. If a student has studied a language that is no longer available at their school, they may wish to enrol in a distance education course through the Open High School. To be eligible for a course, students are required to meet all of the criteria at the entry point to that course. Studying a language via distance education is suitable only for students capable of working very well independently.

Students considering an Open High School course can obtain the forms from the Librarian.
Please note that updated information on the courses below has not yet been received for 2018.

North Shore Secondary Schools Partnership (NSS)

Year 11 2017 Language courses offered through the NSS

In 2017, the NSS are pleased to continue to offer an increased opportunity for our Year 11 students to study the Language of their choice through one of our partner schools. This allows students who may have chosen to study a language through Open High School, the opportunity to join a class hosted at one of the NSS schools. This will provide the students with a greater level of face to face teaching and the opportunity to participate in a group learning environment and benefit from interacting with other students studying the chosen language. These courses allow students more freedom and flexibility to study a language course to fit with their other subject selections at their home school.

The Language courses listed below are all of the courses available for study across the NSS. Entry into these classes is contingent on place availability after preference is given to the home school’s students. Please note: Not every Language course is available at every school and your Language course may be hosted at any of the NSS schools. By choosing a Language course it is important to understand that you may be studying this course at a school that is NOT your home school and in a class containing students from several of the NSS schools and will be run as an offline course after normal school hours. You must also be aware that, as with all subject selections, your chosen course may not run in certain circumstances. Interested students should select these courses as part of their school’s selection process.

- French Beginners
- French Continuers
- German Beginners
- German Continuers
- Spanish Beginners
- Spanish Continuers
- Japanese Beginners
- Japanese Continuers
- Chinese Beginners
- Chinese Continuers
- Chinese Heritage
- Chinese Background Speakers

Yours Sincerely,

NSS Curriculum Team
Policies

Subject Selection Policy and Procedures

Preamble:
The selection of subjects appropriate to a student’s interests, skills and abilities is fundamental to success at school. At Chatswood High School, students in Year 10 make choices regarding the subjects they will study for the HSC. The process of selection is aided by a variety of key school personnel including:

- the Year Adviser
- the Careers Adviser
- Curriculum Head Teachers
- Trusted teachers
- The relevant Deputy Principal

Procedures:
Subject selection for Year 10 will take place following the parent information evening. Students will be interviewed individually by a teacher, they then submit their subject choices through the CHS subject selection web address.

There is also an External Studies application form for study of a TAFE course, a Saturday School of Community Languages course or a NSW School of Languages course. This form should be handed in at the time of the subject choice interview. If it is agreed that this is a suitable option, students need to obtain the appropriate application form from the following:

TAFE      Ms Hunter, Careers Adviser
Saturday School of Community Languages   Mr Leu, Head Teacher Languages
NSW School of Languages     Ms Reato, Librarian.

Establishment of Classes

Generally, a class will operate if it has 12 members or more. In exceptional circumstances, the Principal may decide to allow a class of fewer students to operate in the interests of maintaining a diverse curriculum. Once numbers have been entered onto the timetable program, the Principal will determine which classes will operate and which will not. Except in unusual circumstances, decisions not to run a course will not be reversed.

Students will be interviewed if courses are not run and they will be required to make another selection. The Careers Adviser may again be involved with students at this point. Students will already have indicated some reserve preferences on their subject selection submissions.

Whilst every effort will be made to ensure a minimum of issues for students, it is not possible to give all students their preferences. Any students who have a clash of courses will be interviewed, the clashes resolved and appropriate alternative choices made.

At this point, subject selections are firm. Students will not be permitted to change classes, except under exceptional circumstances until Week 3 of the new year.

Change of Course

There will be occasions when students wish to change subjects. Year 11 will have one opportunity to change courses. This will be early in Term 1 (approximately Week 3). The process will be advertised to students at Assembly and on the TV screens located around the school. Forms will be available from the Front Office or Deputy Principal. Any course changes will be done on a first in, best-dressed basis.

Students should undertake the following steps:
• consult the Careers Adviser who will assess whether the changes meet the requirements of NESA and tertiary institutions. If these requirements are met, the Careers Adviser will advise the continuation of the process.
• discuss the proposed changes with the teacher and Head Teacher of all Faculties involved.
• get approval for the changes in writing from parents or carers on the Change of Subject form.

Students cannot change until all relevant sections of the Change of Subject form have been completed and registered with the Deputy Principal who will make the required changes to the school records and notify NESA. Changes do not occur until the form has been received by the Deputy Principal.

Changes cannot occur after the first few weeks of Year 11 due to assessment requirements as well as mandatory hours of study as required for successful completion of the Year 11 course by NESA.

**HONESTY AND INTEGRITY IN THE HSC**

**All My Own Work**

To be eligible for a HSC all students must complete the HSC: All My Own Work program or its equivalent. The program is designed to help HSC students to follow the principles and practices of good scholarship. This includes understanding and valuing ethical practices when locating and using information as part of their HSC studies.

The program will be delivered in Semester 2 of Year 10. All modules must be completed to a satisfactory level before a student is deemed to have completed the program.
EXTERNAL STUDIES APPLICATION FORM

Use this form if you intend to apply for a TAFE, Saturday School, Open High School or NSS course. This is the Chatswood High School form. You need to have this form with you at the time of your interview.

Students undertaking any external study must take 12 units of timetabled classes at school until the end of Term 1. This provides you with an “insurance policy” in case you don’t continue with your external study.

Once you have completed your subject interview at school and permission has been given for you to apply for an external course, you will need to see the following to obtain an application:

<table>
<thead>
<tr>
<th>TAFE</th>
<th>Ms Hunter, Careers Adviser</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday School of Community Languages</td>
<td>Mr Leu, Head Teacher Languages</td>
</tr>
<tr>
<td>Open High School</td>
<td>Ms Reato, Librarian.</td>
</tr>
</tbody>
</table>

It is your responsibility to see these staff members to obtain an application form, to complete the form, and to return it as quickly as possible.

Students in year 11 who undertake external studies **must have 12 units of courses at school until the end of Term 1.** In order to discontinue a course at school they must prove they are successful in their external course.

**Name:** ______________________________

**TAFE VET COURSE**

<table>
<thead>
<tr>
<th>Course</th>
<th>TAFE at which you will be studying</th>
<th>Number of Units</th>
<th>Course Number for NESA Entry*</th>
<th>Entered on NESA site (CHS to complete)</th>
</tr>
</thead>
</table>

**SATURDAY SCHOOL OF COMMUNITY LANGUAGES COURSE**

* Leave this column blank

<table>
<thead>
<tr>
<th>Course</th>
<th>Saturday School at which you will study</th>
<th>Number of Units</th>
<th>Entered on NESA site (CHS to complete)</th>
</tr>
</thead>
</table>

**OPEN HIGH SCHOOL COURSE**

<table>
<thead>
<tr>
<th>Course</th>
<th>Number of Units</th>
<th>Entered on NESA site (CHS to complete)</th>
</tr>
</thead>
</table>

**Complete the parent authorisation (ALL APPLICATIONS)**

Parent / Carer Authorisation:

I understand that my child is applying to study a course or courses externally. I understand that the policy of Chatswood High School is for my child to study a minimum of 12 units at Chatswood High School in addition to the external study. If they wish to drop a course they may do so at the end of Term 1 on the proviso they provide evidence to the Deputy Principal that they are successful in the external course.

……………………………………. …../…../…...

Parent / Carer  Date