



**Winmalee High School**

**Year 11 2021**

**Subject Information &**

**Course Selection Guide**

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To Parents/Guardians/Students,

This subject information guide has been produced by Winmalee High School to help you choose subjects and courses on offer for students entering Year 11 – HSC Preliminary Course (Year 11 RoSA) at Winmalee High School.

The guide briefly describes the structure of the Higher School Certificate as well as details of the subjects and courses being offered for study at this school.

Please note that some subjects outlined in this booklet may not run if insufficient students choose them. Any subject will need a certain number of students willing to take that course before a class can be formed. Although we will try hard to cater for all students, it may not be possible to offer all the subject combinations chosen.

The program of study students choose to follow is an important decision which requires considerable thought. To assist you and your child in your decision making, I recommend you read and follow carefully the next section of this booklet 'How to Choose your HSC Course of Study' which has been prepared for you by the School Careers Adviser.

The rest of the booklet contains information about the rules relating to HSC study as well as individual subject information which has been prepared by the teachers of those subjects. In this booklet we have attempted to be as informative as possible and to provide you with most of the information you need to make your decisions. As part of the subject selection process your son/daughter will also participate in 'subject taster lessons', a 'Subject Selection' unit of work in Careers lessons, course advice in faculty areas and individual assistance where needed.

Take your time in reading this booklet and I trust it will assist you in choosing an appropriate and enjoyable course of HSC study at Winmalee High School.



V. Facas  
Rel Principal

## HOW TO CHOOSE YOUR HSC COURSE OF STUDY

To choose a program of study which will suit you best, it is important you consider, in order of importance, the many factors involved. To assist you in doing this, I have prepared the following four steps which I recommend you follow:

**1. Consider ALL the subjects and courses on offer.**

The number of subjects available at the HSC is much greater than for the School Certificate. If you miss out on choosing a subject because you didn't know what it was about, you may end up missing out on what could have been your best choice. You need to be informed before you can make the right decisions. You probably don't know very much about many of the courses available. Read this booklet thoroughly, then, if you have further questions about a subject, ask the teachers of that subject. For subjects you are particularly interested in, find out what the assessment tasks will involve as well as the subject content.

**2. Choose a subject in which you have an interest in and/or you have an ability.**

Students generally achieve best when they study subjects they have an interest in or in which they have ability. "Are you interested in the subject?" and "Do you have ability in this area?" These questions are important for you to consider when making your subject choices.

Choosing courses with these questions in mind makes the HSC less difficult and potentially more rewarding.

Our experience has shown that students who choose subjects they have little interest or ability in invariably achieve results in those subjects below their level of expectation. It must be kept in mind, however, that students must select subjects within the subject groups established by the school.

**3. Note the SKILLS required in each subject.**

When you read the subject information in this booklet, note the skills that are required in studying that subject. Most of these skills are ones you are familiar with from your School Certificate studies. As you read the subject descriptions, make a list of those skills you think you are good at. Subjects that use a lot of your best skills are worth considering seriously.

**4. Consider your post HSC options.**

Traditionally, many students have studied for the HSC because they intended entering university. With most students now staying on to the HSC, the number who then go on to university from this school is about 50% of HSC graduates. For this reason it is appropriate that you think not only in terms of university preparation but also in terms of other post HSC options : TAFE, Private Colleges, apprenticeships, traineeships and on the job training through work. No course of study is 'best' to suit all options but it is possible to choose courses which cover a number of options. Vocational Education courses for example give you nationally accredited training and can count towards university entrance.

**5. Discuss your choices with your Parents and Mentors and Class Teachers.**

Students are encouraged to ask questions about their subject choices and discuss any problems they can find in their desired program of study. Try to get as much accurate information as possible from as many sources as you can before making a final decision.

If you are considering a particular field of study or employment then it would be wise to check if certain subjects or courses are required. The University Admission Centre has a page called 'Steps to Uni for Year 10 Students' <https://www.uac.edu.au/future-applicants/year-10-students> This contains a link to a 'subject compass' tool which helps students make good choices. University pre-requisites, assumed knowledge and recommended studies for entry are listed in the 'University Entry Requirements 2020 Year 10 Booklet' available through the UAC website at <https://www.uac.edu.au/assets/documents/year-10/year-10-booklet-2020.pdf>. A common error some students make is to look at this first. **Don't fall into the trap of choosing subjects because you think you will need them if you don't have an interest or ability in them.**

By considering all the above, you should end up with a range of subject areas that are just right for YOU. All that is left to do now is to choose appropriate **courses** in each subject and make sure your selection meets the requirements for the HSC. These requirements and further information about courses is explained in the next section.

TOP  
10

# Tips for Year 10s choosing their HSC courses

01



Choose what you're good at, interested in and which will lay a foundation for your future plans.

02



Choose HSC courses best suited to your ability. Don't choose courses just because of scaling or because you think they will give you a better ATAR.

@3



Make the link between your choice now and where you want to go after Year 12.

04



Check if the uni you want to go to (and/or the course you want to do) has prerequisites and assumed knowledge - the UAC Year 10 booklet has all this info.

@5



If you want to get an ATAR, make sure you will be eligible.

(Q)6



Depending on what you study, marks around 70 in the HSC could lead to an ATAR in the 50s, while marks closer to 80 could lead to an ATAR of 80. This is because most students have marks between 70 and 80 so when you are ranked that group really spreads out.

07



If you are getting marks in the 70s do whatever you can to get closer to 80 - it will make a big difference to your ATAR.

08



Remember that unis award bonus points for your performance in particular HSC courses, and usually for Bands 4 and above.

09



If you're not sure what level maths and English to take, choose the level that suits your ability and future plans. You will not necessarily get a higher ATAR just by studying a lower level course, and unis don't always give bonus points for the lower level courses, no matter how well you do. Also check prerequisites in case you need to get a certain performance band.

10



To maximise your ATAR you have to make good choices about what to study, work to the best of your ability and work towards your goals for life after school.

# REQUIREMENTS FOR THE AWARD OF THE HSC

## Eligibility requirements for the award of the Preliminary RoSA or Higher School Certificate

### Students must:

- have satisfactorily completed courses that meet the pattern of study required by NESA (NSW Education Standards Authority) for the award of the Higher School Certificate. This includes the completion of the practical, oral or project works required for specific courses and the assessment requirements for each course.
- have sat for and made a serious attempt at the Higher School Certificate examinations.
- study and satisfactorily meet the requirements for a minimum of 12 units at school in the Preliminary course (RoSA) and a minimum of 10 units at school in the HSC course. Both the Preliminary course and the HSC course must include the following:
  - at least 6 units from Board Developed Courses including at least 2 units of a Board Developed Course in English
  - at least three courses of 2 units value or greater
  - at least four subjects
  - 6 units of Science are the maximum that can contribute to Higher School Certificate eligibility.

Note: Students enrolling in TAFE Courses, Distance Education or Open High School courses must maintain 12 units of study at school in Year 11 and 10 units in Year 12. This pattern of study will increase the likelihood that students will qualify for the Preliminary and HSC Courses should they not be successful in externally managed courses.

Where possible, TAFE courses will be scheduled for Wednesday afternoon to reduce the impact on student time and their other courses. Students will be exempted from Sport to facilitate this. The timing of TAFE courses is not guaranteed.

The Board of Studies publication, *Studying for the New South Wales Higher School Certificate - An Information Booklet for Year 10 Students*, contains all the HSC rules and requirements you will need to know.

### ATAR eligibility

If you wish to receive the Australian Tertiary Admissions Rank (ATAR), you must **study a minimum of 10 Board Developed units in the HSC Course. These can be all Category A course or can include 2 units from a Category B course.** The booklet, *University Entry Requirements Year 10 Booklet* contains important information about entry to university courses, course prerequisites and other information to assist your choice of HSC courses for study in Years 11 and 12 in preparation for university entry. This information is available from the Careers Adviser.

If you do not wish to receive an ATAR, the rest of your courses may be made up from Board Endorsed Courses once you have included six units from Board Developed Courses.

# COURSES

## **Board Developed Courses (BDC)** *(Blue section of the booklet)*

- These are Board of Studies Courses which have syllabuses and external examinations set by the Board of Studies. Those courses may count toward the calculation of the Australian Tertiary Admissions Rank (ATAR).
- Can be category A or category B.
- Only 2 units from category B courses may count toward the calculation of an ATAR. Student must sit the optional HSC examination for the course to count.

## **Vocational Education and Training Courses (VET)** *(Green section of the booklet)*

- Only Board Developed VET courses (which are also category B) are delivered at Winmalee High School.
- These courses are offered as part of the Higher School Certificate. They enable students to study courses which are relevant to industry needs and have clear links to post-school destinations. These courses allow students to gain both Higher School Certificate qualifications and accreditation with industry and the workplace as part of the Australian Qualifications Framework (AQF). The national framework is recognised across Australia and helps students to move easily between the various education and training sectors and employment. These courses each have a specific workplace component and a minimum number of hours students spend in the workplace or a simulated workplace at school. Students receive special documentation showing the competencies gained. Some of these courses will be delivered by schools, while others will be delivered by TAFE or other providers – course details are included in the next section.
- A choice of Board Developed and Board Endorsed VET courses are delivered through TAFE and other providers.

## **Board Endorsed Courses (BEC)** *(Yellow Section of Booklet)*

These are courses which have been approved by the Board of Studies for study at the HSC but which are internally examined by the school. These courses count towards the HSC but do not count in the calculation of the Australian Tertiary Admissions Rank (ATAR).



# UNITS

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

## 2 Unit Course

- This is a basic structure for all courses. It has value of 100 marks.
- Courses that are category A are Board Developed Courses and contribute to an ATAR.
- Courses that are category B are Board Developed Courses but only 2 units may contribute to an ATAR.
- Board Endorsed Courses do not contribute to an ATAR.

## Extension Courses

- Extension study is available in a number of subjects. Extension courses build on the content of the 2 unit course and carry an additional value of 1 unit requiring students to work beyond the standard of the 2 unit course. Extension courses are available in English, Mathematics, History, Music and some Languages.
- English and Mathematics Extension Courses are available at Preliminary and HSC levels. One must study the Preliminary extension course in these subjects before proceeding to the two HSC extension courses (Extension 1 and Extension 2). The Extension 2 course requires students to work beyond the standard of the Extension 1 course.
- HSC extension courses in subjects other than English and Mathematics are offered and examined in Year 12 only.

## 1 Unit Course

- 1 unit equals approximately 2 hours (3 periods) of class time each week or 60 hours per year.

Year 11 (or the Preliminary HSC Year 11 RoSA) requires a minimum of 12 units of study.

Year 12 (or the HSC) requires a minimum of 10 units of study.

# TERTIARY EDUCATION, MATRICULATION and the AUSTRALIAN TERTIARY ADMISSIONS RANK (ATAR)

Tertiary education refers to courses offered by universities, colleges of TAFE and private colleges which are available to students after leaving school.

Entry to tertiary education courses is usually competitive and places may be allocated to students on the basis of a number of selection criteria including HSC results, an interview, a portfolio of work, questionnaires or a combination of these.

For university, most courses use the Australian Tertiary Admissions Rank (ATAR) as a basis for selection. The ATAR is calculated by the Technical Committee on Scaling on behalf of all NSW and ACT Universities. It is based on the marks provided by the Board of Studies.

The question is often asked "Are there any courses a student can choose in order to obtain the best possible results?" The answer is simple and logical:

***"STUDENTS SHOULD TAKE COURSES IN WHICH THEY HAVE AN INTEREST AND AN ABILITY AND WHICH WILL BEST SUIT THEIR FUTURE NEEDS."***

## **To be eligible for an ATAR:**

A student must complete at least ten units from Board-Developed courses including:

- At least 8 units of Category A courses;
- At least 2 units of English;
- At least three Board Developed courses of 2 units or greater;
- At least 4 subjects.

## **What courses can be included in the calculation of the ATAR?**

The ATAR is based on the aggregate of scaled marks in ten units comprising:

- the **best** 2 units of English;
- the **best** eight units from the remaining **units** with no more than 2 units of Category B courses.

## **IMPORTANT THINGS TO KNOW:**

### **Category A Courses:**

These are Board developed courses, which include Board of Studies examinations. For a full listing of Category A courses, see the UAC website at [www.uac.edu.au](http://www.uac.edu.au). A summary of courses is also provided at the back of the booklet.

### **Category B Courses:**

Board Developed courses are classified by the universities as Category A or Category B. The criteria for Category A courses are academic rigour, depth of knowledge and understanding, and the degree to which the course contributes to assumed knowledge for tertiary studies.

**Only the best two units from Category B courses are available for inclusion in the calculation of the ATAR.**

Students completing Category B courses must sit the optional HSC examination for it to count towards an ATAR. Category B courses are listed in the following table.

## Category B Courses

Course Name	Unit Value	Subject Area
Accounting <sup>1</sup>	2	Accounting
Construction (240 hours) <sup>2</sup>	2	Construction
Information Technology (240 hours) <sup>2</sup>	2	Information Technology
Metal and Engineering (240 hours) <sup>2</sup>	2	Metal and Engineering
Primary Industries (240 hours) <sup>2</sup>	2	Primary Industries
Retail Services (240 hours) <sup>2</sup>	2	Retail
Hospitality (240 hours) <sup>2</sup>	2	Tourism and Hospitality
Tourism and Events (240 hours) <sup>2</sup>	2	Tourism and Hospitality

### Notes:

1 A Board Developed course delivered by TAFE.

2 These are 240 hour Vocational Education and Training (VET) courses. An optional written examination will be offered for the HSC. If students want the results from these courses to be available for inclusion<sup>#</sup> in the calculation of their ATAR, they must undertake the optional written examination. <sup>#</sup>Subject to the ATAR Rules.

- The ATAR is calculated by the universities in NSW and the ACT and is released by the Universities Admissions Centre (UAC).
- The Higher School Certificate (HSC) is awarded and released by the NSW Board of Studies;
- Whereas the HSC serves many purposes, the ATAR serves only one - to assist universities in ranking school leaver applicants for tertiary selection in a fair and equitable way.

### Accumulation of the HSC - Pathways:

Students may accumulate their HSC program of study over a maximum of five years commencing from the first year an HSC course is completed. For details concerning this option, please contact the school for further information.

### Credit Transfer:

Many HSC subjects can provide advanced standing for students who continue their studies through TAFE. Where study of a course will provide you with advanced standing at TAFE, the credit transfer provisions have been shown as part of the course description.

The subjects and conditions under which credit transfer is provided are updated each year. For further information, see the TAFE website [www.tafensw.edu.au](http://www.tafensw.edu.au).

## **CHOOSING HIGHER SCHOOL CERTIFICATE SUBJECTS WITH A UNIVERSITY COURSE IN MIND**

Since admission to most university courses is on the basis of the Australian Tertiary Admissions Rank (ATAR) it is important that students initially choose subjects they like and in which they are likely to perform well. However, it is necessary to meet the requirements listed on page 6 to qualify for an ATAR and to consider if there are pre-requisites or assumed knowledge required for specific university courses you are interested in.

Generally speaking, if you are considering tertiary studies in the fields of Science, Engineering or Medicine you would be advised to study at least 2 Unit Mathematics and at least 2 Units of Science with Physics and Chemistry being most useful.

If you are considering tertiary students in Business, Accounting, Finance, Economics or Information Systems, then Mathematics 2 Unit would be an advantage.

Most other tertiary courses such as Law, Architecture, Communications, Education, Arts, etc. do not usually have pre-requisites.

Please note however that this is general advice only and if you have specific courses in mind you would be well advised to contact the universities that offer the courses or see the school Careers Adviser.

## **COURSES AT COLLEGES OF TECHNICAL AND FUTHER EDUCATION (TAFE)**

For entry to Diploma or some high demand courses offered by TAFE, the Higher School Certificate is required. Again, the best advice is to choose subjects you perform well in. Quite often entry to TAFE courses is on basis of past employment and evidence of ability by showing a portfolio of work eg Graphic Design.

For more precise information you will need to contact the College of TAFE that offers the course you have in mind.

Selection criteria for TAFE may include HSC results, portfolios, audition, interview, entrance test and application form information. **TAFE does not use the ATAR as a means of student selection.**

## **PREVOCATIONAL SKILLS**

Students who are specifically looking at apprenticeships, traineeships or workplace training after the HSC are strongly advised to include vocational education courses in the program of study. Many courses that the school offers are very enriching in prevocational skills. Students are often offered employment based on the wide variety of prevocational competencies they acquire. Mrs Ruskin, the Careers Adviser is able to provide advice regarding an appropriate prevocational pattern of study.

## 2021 Subject Selection Course Fees

Course	Fee
Ancient History	\$10 per year + textbook
Biology	\$22 per year + textbook
Business Studies	\$10 per year + textbook
Chemistry	\$22 per year + textbook
Community & Family Studies	\$10 per year + textbook
Dance	\$40 per year + Costume Fee
Design & Technology	\$40 per year + Project cost
Drama	\$50 per year
Earth & Environmental Science	\$22 per year + textbook
Engineering Studies	\$20 per year
English	\$10 per year
Exploring Early Childhood	\$20 per year
Food Technology	\$60 Yr 11 & \$30 Yr 12
VET Hospitality	\$130 per year
Information Processes & Technology	\$30 per year + textbook
Industrial Technology - Timber	\$80 per year
Investigating Science	\$22 per year + textbook
Legal Studies	\$10 per year + textbook
L.O.T.E	\$20 per year
Mathematics	\$25 per year + textbook
Modern History	\$10 per year + textbook
Music	\$30 per year
PDHPE	\$10 per year + textbook
Physics	\$22 per year + textbook
Photography (1 year subject)	\$100
Software Design & Development	\$30 per year + textbook
Society & Culture	\$30 per year + textbook
Sport, Lifestyle & Recreation (1 year subject)	\$10 per year
Visual Arts	\$100 per year

**Course:** Ancient History - 2 Unit

**Faculty:** H.S.I.E.

**1. Who should study Ancient History?**

Anyone who is interested in the history of the Ancient World and is keen to develop the ability to present a case and to think critically.

**2. The study of 2 Unit Ancient History** involves the study of at least two of the following areas: Egypt, Near East, Greece and Rome in both the Preliminary and HSC courses.

The preliminary course is structured for students to investigate:

- people, groups, events, institutions, societies and historical sites;
- archaeological and written evidence and the methods used by historians and archaeologists in case studies and in the study of ancient societies.

The course provides a back ground for students' more specialised HSC studies.

In the HSC course, students use archaeological and written evidence to investigate a personality from the ancient world plus three ancient societies/historical periods.

**3. Main Topics Covered**

**Preliminary Course:**

**Part I**

**Investigating Ancient History**

- (a) The Nature of Ancient History
- (b) Case Studies

Students undertake:

- at least ONE option from 'The Nature of Ancient History', AND
- at least TWO case studies.

ONE case study **must** be from Egypt, Greece, Rome or Celtic Europe.

ONE case study **must** be from Australia, Asia, the Near East or the Americas.

• **Part II**

**Features of Ancient Societies**

Students study at least TWO ancient societies through an investigation of:

- a different key feature for each society, OR
- one key feature across the societies selected.

• **Part III**

Historical Investigation.

**HSC Course:**

**The course comprises a study of:**

1. Core Study: Cities of Vesuvius – Pompeii and Herculaneum
2. ONE 'Ancient Societies' topic
3. ONE 'Personalities in their Times' topic

4. ONE 'Historical Periods' topic.

The course requires study from at least TWO of the following areas:

- Egypt
- Near East
- China
- Greece
- Rome.

**3. What skills or previous studies are needed for this course?**

There are no previous studies needed, but students with good reading and written expression are advantaged.

**4. What type of assessment tasks could I be required to do?**

Students will be expected to complete tasks involving research, source analysis and examinations.

**External Assessment:**

A 3 hour written HSC examination in four parts.

**5. What special equipment and materials will be needed to study this subject effectively and about how much will it cost?**

A text book is required (\*textbooks on average range between \$50 - \$70). Other costs are limited to museum excursions and HSC study days + \$10 course fee.

**6. Prevocational skills likely to be gained from this course:**

- Proficiency in collecting, analysing and organising information.
- Proficiency in communicating ideas and information both verbally and in writing.
- Through use of appropriate information technologies proficiency in the use of technology.
- Proficiency in solving problems through exploration of issues and historical problems.
- Proficiency in working with others and in teams.
- Proficiency in writing reports and essays.
- Proficiency in conducting individual research on topic of choosing.
- Proficiency in self management.

**Course:** Biology 2 Unit

**Faculty:** Science/Computing

### 1. Who should study Biology?

Students with a keen interest in studying the living matter of the world we live in. The course provides a sound basis for further studies in the biological sciences, particularly if taken in conjunction with Physics, Chemistry or Investigating Science.

Biology 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.

The Biology course is designed for those students who have a substantial achievement level based on the Science Year 7-10 course performance descriptions.

### 2. Year 11 Course

The year 11 course incorporates the study of the following modules:

- |                                 |                        |
|---------------------------------|------------------------|
| * Cells as the Basis of Life    | * Biological Diversity |
| * Organisation of Living Things | * Ecosystem Dynamics   |

### Year 12 Course

The year 12 course builds upon the work covered in year 11. **The work covered in year 11 is considered assumed knowledge for the year 12 course.** The year 12 course incorporates the study of:

- |                  |                          |
|------------------|--------------------------|
| * Heredity       | * Infectious Disease     |
| * Genetic change | * Non-Infectious Disease |

In both courses, in depth studies are to be undertaken. These are mandated at 15 hours per course.

### 3. What skills or previous studies are needed for this course?

Basic biology knowledge as covered in junior science courses is assumed.

### 4. What type of assessment tasks could I be required to do?

It is mandatory for students to be assessed on their in depth study. Students will also be required to undertake one formal examination and may be assessed through research or problem-solving tasks.

### 5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?

The course fee is \$22 which will cover experiment resources and consumables.

### 6. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the Careers Adviser for further advice.

### 7. Prevocational skills likely to be gained from this course include:

- assessing the validity of data from first hand and secondary information by considering information from a variety of sources;
- selecting and using the appropriate text types for written and oral presentations;
- selecting and using the appropriate scientific formats for presenting information, i.e., graphs and tables;
- predicting outcomes and making plausible explanations related to observations.



**Course:** Business Studies 2 Unit

**Faculty:** H.S.I.E.

### 1. Who should study Business Studies?

Business Studies is designed for 2 groups of students. The first group is students who are thinking of pursuing a career in business such as in the area of small business, finance, accountancy, management, human resource management, training, sales, marketing and advertising, operations management and information technology.

The second group is students who want to study business because it will help them prepare for the workforce no matter what their career.

### 2. The study of Business Studies will involve the following topics:

#### **PRELIMINARY COURSE:**

- Nature of Business
- Business Management
- Business Planning

#### **HSC COURSE:**

- Operations
- Marketing
- Finance
- Human Resources

### 3. What skills or previous studies are needed for this course?

Although the course assumes no previous knowledge of business to be successful a student will have to:

- learn a number of new and different business terms;
- write clear and well structured reports and plans;
- complete a research project in the Preliminary Course investigating the operation of a small business or planning the establishment of a small business;
- be willing to investigate businesses and talk to business people to gain a full Understanding and knowledge of how businesses operate.

### 4. What type of assessment will I be required to complete?

#### **ASSESSMENT: Preliminary Course**

Assessment in the Preliminary Course will involve internal school assessment using multiple choice tests, reports undertaken at home or in class, research assignments, business plans, short answer questions and the compulsory research project.

#### **ASSESSMENT: HSC Course**

##### **External Assessment**

The HSC external assessment will involve a three hour written examination.

## **Internal Assessment**

The internal assessment for the HSC Course will involve:

- tests and internal exams
- interpretation and application of case studies
- stimulus based skills.

### **5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

A text book is required (\*textbooks on average range between \$70-\$80 + \$10 course fee.

### **6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser or the "HSC/TAFE Credit Transfer Guide".

### **7. Prevocational skills to be gained from this course include:**

- Proficiency in collecting, analysing and organising information;
- Proficiency in communicating ideas and information both verbally and in writing;
- Through use of appropriate information technologies proficiency in the use of technology;
- Proficiency in solving business problems and issues;
- Proficiency in business report writing;
- Proficiency in using mathematical ideas and techniques especially of a financial nature;
- Proficiency in developing business plans;
- Proficiency in self management.

**Course:** Chemistry 2 Unit

**Faculty:** Science/Computing

### 1. Who should study Chemistry?

People who are considering Chemistry at a tertiary level and students with a keen interest in chemistry. Chemistry 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.

Science subjects are not compulsory for the award of an HSC, but Chemistry is often strongly recommended as preparation for tertiary study in courses such as Engineering and Medicine. The course provides a sound basis for further studies in the chemistry, particularly if taken in conjunction with Physics, Biology or Investigating Science.

The Chemistry course is designed for those students who have a substantial achievement level based on the Years 7-10 Science course performance descriptions.

### 2. Year 11 Course

The year 11 course incorporates the study of the following modules:

- |  |                        |
|--|------------------------|
| * Properties and Structure of Matter     | * Reactive Chemistry   |
| * Introduction to Quantitative Chemistry | * Drivers of Reactions |

### Year 12 Course

The year 12 course builds upon the work covered in year 11. **The work covered in year 11 is considered assumed knowledge for the year 12 course.** The year 12 course incorporates the study of:

- |                                 |                           |
|---------------------------------|---------------------------|
| * Equilibrium and Acid Reaction | * Organic Chemistry       |
| * Acid/Base Reactions           | * Applying Chemical Ideas |

In both courses, in depth studies are to be undertaken. These are mandated at 15 hours per course.

### 3. What skills or previous studies are needed for this course?

Basic chemistry knowledge as covered in junior science courses is assumed.

### 4. What type of assessment tasks could I be required to do?

It is mandatory for students to be assessed on their in depth study. Students will also be required to undertake one formal examination and may be assessed through research or problem-solving tasks.

### 5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?

The course fee is \$25 which will cover experiment resources and consumables.

### 6. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

### 7. Prevocational skills to be gained from this course include:

While Chemistry has been traditionally seen as a subject leading to tertiary studies, prevocational skills likely to be gained from this course include:

- Selecting and using the appropriate text types for written and oral presentation;
- Present information using an appropriate scientific format;
  - Draw valid conclusions from gathered data and information by identifying trends
  - making inferences and generalizations.

**Course:** Community and Family Studies - 2 Unit

**Faculty:** PDHPE

**1. Who should study Community and Family Studies?**

**Course Description**

Community and Family Studies is a **SOCIOLOGY** course designed to develop an understanding of the diverse nature and interdependence of families and communities, within Australian society. The course enables students to plan and manage resources effectively in order to address contemporary issues facing families and communities.

Students interested in therapeutic work in psychology, nursing, social work, education and management of a healthy lifestyle will find this course of special interest.

**2. The study of Community and Family Studies** encompasses both core content strands and an option topic.

The core content strands are

**Preliminary:**

Resource Management  
Individuals and Groups  
Families and Communities

**H.S.C:**

Research Methodology  
Groups in Context  
Parenting and Caring

Community and Family Studies aims to develop in each individual, an ability to effectively manage resources and take action to support the needs of individuals, groups, families and communities in Australian society.

These content strands are studied in relation to the management of resources and how this can change as we progress through the lifespan. Emphasis is also placed on the achievement of satisfying relationships and well being. There is a strong focus on problem solving and communication.

As part of the H.S.C. course students will study **one** option topic from the following:

- Family and Societal Interactions;
- Social Impact of Technology;
- Individuals and Work.

**3. What skills or previous studies are needed for this course?**

Written and oral communication skills. The ability to work independently and carry out research.

**4. What type of assessment tasks could I be required to do?**

Oral presentations; Exercises using graphs, tables and statistics; Research; Examinations.  
Independent Research Project.

**5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?**

Research skills and equipment. \$10 per year.

**6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

**7. Prevocational skills likely to be gained from this course include:**

- Skills in researching, graphic presentation and analysis of data;
- Skills in conflict resolution and positive relationships;
- Development effective management skills

**Course:** Dance 2 Unit

**Faculty:** P.D.H.P.E

### 1. Who should study Dance?

Dance is designed for any student with an interest and commitment to this subject. For those who enjoy a cooperative learning environment, through problem solving and group participation in work.

2. **The study of Dance** as an artform in education is based on the study of three inter-related subject areas: Performance, Composition and Appreciation. Through the study of dance as an artform, students learn the skills of dance, to perform and create dances, to critically analyse, respond, enjoy and make discerning judgements about dance.

The Preliminary course is divided into 3 study areas:

Performance 40%: A practical application of dance skills, dance terminology and dance as a performance art and safe dance practice.

Composition 30%: The craft of applying the elements of dance composition and creating self devised movement material.

Appreciation 30%: The study of the socio historic context of dance and the development of critical appraisal and evaluation of dance as an artform.

The HSC Course is divided into 4 study areas:

- \* Performance 20%
- \* Composition 20%
- \* Appreciation 20%
- \* Major Study 40% (student specialises in one of the following areas) – Performance, Composition, Appreciation, Dance & Technology – Film / Dance forms

### 3. What previous skills are necessary for this course?

Previous dance experience whether studied at school or outside of school is an advantage, however it is not essential. More important is the commitment, enthusiasm and general good health of the student.

### 4. What special equipment and materials will be needed to study the subject effectively and about how much will they cost?

This course has a high practical component, where form fitting dance attire must be worn. Excursions and costumes may be required, however all attempts will be made to keep costs to a minimum. \$40 course fees each year.

### 5. Prevocational skills likely to be gained from this course include:

- Collecting, analysing and organising information. (Journal detailing observations, research, decisions made and solutions to problems);
- Planning and organising activities. (Plan and structure a dance and apply choreographic devices);
- Working in teams and problem solving (Learn collaborative skills and make creative responses to ensure movement ideas suit all dancers)

**Course:** Design & Technology – 2 Unit

**Faculty:** Applied Technology

### **1. Who should study Design and Technology?**

Students who are interested in the design process, developing problem solving skills, exploring current and new technologies and are interested in a career in the fields of design and manufacturing. Students who wish to improve the quality of their life and the lives of others will find this course a rewarding, valuable and lifelong learning experience.

Studying Design & Technology enables students to creatively apply their ideas and visions through design projects. It has a unique focus on creativity, innovative and successful implementation of these ideas. Through design projects students are given the opportunity to develop specific production and manufacturing skills, using various technologies and skills.

### **2. What previous skills are necessary for this course?**

No previous skills are needed but students must be able to work well independently and have a willingness to develop a variety of practical skills using efficient time management skills.

### **3. What type of assessment tasks will I be required to do?**

Tasks may be case studies, research projects, group work and practical application – the production of a product.

The HSC assessment will be in two parts:

- A written exam – 1 ½ hours 40%
- The construction of a major project 60%

### **4. What special equipment and materials will be needed to study the subject effectively and about how much will they cost?**

Cost of materials for all Design Projects.

Excursion costs.

\$30 per year for course costs.

### **5. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in VOC Educational Courses, TAFE and other registered training organisations. Past students have also found that completion of folios has helped to support employment opportunities in a range of fields and helped them to gain acceptance into tertiary education courses including graphic design, communications, advertising, marketing, policing, design and technology, industrial design and theatre design.

### **6. Prevocational skills likely to be gained from this course include:**

- Skills in graphic communication, research analysis and construction;
- Establish and evaluate criteria of successful design;
- Knowledge and application of the design process.

<b>Course:</b>	Drama 2 Unit
<b>Faculty:</b>	(Performing Arts) Music & Drama

### 1. Who should Study Drama 2 Unit?

Anyone with an interest in the theatre and a desire to express themselves creatively on stage. Drama is a rigorous, challenging but rewarding course that helps participants develop communication skills through group activities or in other practical ways. The study of Theatre in Australia and other initiatives aids the understanding of society and the issues expressed on stage. You must be a person who can give strong commitment to working in groups and perform in front of others. You must also be prepared to undertake individual research.

### 2. The study of Drama 2 Unit.

The preliminary Drama course develops and consolidates your improvisation, play building and performance skills. Technical production skills will be the focus as well as performance. You may have the opportunity to be involved in preparing a production during the Preliminary Course.

The HSC Drama course looks at the study of two theatre topics, one Australian – Drama and Theatre, and the other either Australian or overseas theatre. The study of these topics will be of a theatrical and practical nature. Students are also required to devise an original piece of theatre in a group for external examination at the end of the course. An individual project must also be completed. For this project you may choose between performance, directing, theatre criticism, lighting, stage or set design, scriptwriting or video making and costume.

### 3. What skills or previous studies are needed for this course?

There are no prerequisites for this course. It is designed both for students who have completed the School Certificate Drama Course, and those who are studying drama for the first time. You must be a person who is prepared to work collaboratively and perform in front of an audience.

### 4. What type of assessment tasks could I be required to do?

You will be asked to demonstrate your knowledge and skills in both written essays and oral reflection and responses as well as workshop activities. In the HSC course, you will be assessed on your contribution to the development of the Group Presentation and Individual Project. You will also be required to keep a learning log or journal.

### 5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?

Course fees are \$50. Any equipment needed will depend on the choices made by the student for their individual project and group presentation. This will be negotiated at the time choices are made. Costs cannot be specified, but will not be excessive. Students will be expected to attend at least three live theatre performances in each of Year 11 and 12.

### 6. Prevocational skills likely to be gained from this course include:

- Work independently;
- Team work;
- Speaking: informal;
- Speaking: formal (e.g. performance, oral report, seminar);
- Understand and act on verbal instructions (e.g. respond to stage direction);
- Organise and plan work in time;
- Find and record information using computer (e.g. design project).

**Course:** Earth and Environmental Science 2 Unit

**Faculty:** Science/Computing

### 1. Who should study Earth and Environmental Science?

Students with a passion for environmental issues. Earth and Environmental Science is the study of the Earth and its processes. The 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 Earth and Environmental Science course is designed for those students who have a substantial achievement level based on the Science Years 7 - 10 course performance descriptions. The course provides a sound basis for further studies in the environmental sciences, particularly if taken in conjunction with Biology, Chemistry or Investigating Science.

### 2. Year 11 Course

The year 11 course incorporates the study of the following modules:

- |                     |                          |
|---------------------|--------------------------|
| * Earth's Resources | * Energy Transformations |
| * Plate Tectonics   | * Human Impacts          |

### Year 12 Course

The year 12 course builds upon the work covered in year 11. **The work covered in year 11 is considered assumed knowledge for the year 12 course.** The year 12 course incorporates the study of:

- |                     |                       |
|---------------------|-----------------------|
| * Earth's Processes | * Climate Science     |
| * Hazards           | * Resource Management |

In both courses, in depth studies are to be undertaken. These are mandated at 15 hours per course.

### 3. What skills or previous studies are needed for this course?

Basic biology and geology knowledge as covered in junior science courses is assumed.

### 4. What type of assessment tasks could I be required to do?

It is mandatory for students to be assessed on their in depth study. Students will also be required to undertake one formal examination and may be assessed through research or problem-solving tasks.

### 5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?

The course fee is \$22 which will cover experiment resources and consumables.

### 6. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

### 7. Prevocational skills likely to be gained from this course include:

- Assessing the validity of data from first hand and secondary information by considering information from a variety of sources;
- Selecting and using the appropriate text types for written and oral presentations;
- Selecting and using the appropriate scientific formats for presenting information, i.e., graphs and tables;
- Predicting outcomes and making plausible explanations related to observations



**Course:** Economics 2 Unit

**Faculty:** H.S.I.E.

**1. Who should study Economics?**

2 Unit Economics is designed for 2 groups of students. The first group is students who are thinking of pursuing a career in business, finance, international business or economics.

The second group is students who want to study economics because it will help them become better informed citizens on the issues facing the Australian and world economies and which are frequently reported on in the media.

Economics is a challenging course as it can involve abstract concepts and the need to think through concepts logically. Successful students are well rewarded in the HSC.

- 2. The study of Economics.** Economics provides students with an understanding about many aspects of the economy and its operation that are frequently reported in the media. It investigates issues such as why unemployment, the value of currencies and shares and inflation rates change and how these changes will impact on individuals. Economics develops students' knowledge and understanding of the operation of the global and Australian economy and the problems that confront the Australian economy.

**PRELIMINARY COURSE:**

- Introduction to Economics
- Consumers and Business
- Markets
- Labour Markets
- Finance Markets
- Government in the Economy

**HSC COURSE:**

- The Global Economy
- Australia's Place in the Global Economy
- Economic Issues
- Economic Policies and Management

**3. What skills or previous studies are needed for this course?**

Although the course assumes no previous knowledge of Economics, to be successful a student will have to:

- learn new and different terms;
- write clear and well structured reports and essays;
- read widely (newspapers, current affairs) so as to become aware of what is happening in the economy;
- understand and interpret graphs and tables as well as being able to do some basic mathematical calculations.

**4. What type of assessment tasks could I be required to do?**

**ASSESSMENT: Preliminary Course**

Assessment in the Preliminary Course will involve internal school assessment using multiple choice tests, reports undertaken at home or in class, research assignments, calculations and graphs and short answer questions.

## **ASSESSMENT: HSC Course**

### **External Assessment**

External assessment for the HSC Course will involve a three hour written examination.

### **Internal Assessment**

Internal assessment for the HSC Course will involve the following:

- tests and internal exams;
- research, investigation and communication;
- stimulus based skills .

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

A text book is required (\*textbooks on average range between \$70-\$80) + \$10 course fee.

**6. Can this course provide me with Advanced Standing at TAFE.**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser or the "HSC/TAFE Credit Transfer Guide".

**7. Prevocational skills likely to be gained from this course include:**

- Proficiency in collecting, analysing and organising information;
- Proficiency in communicating ideas and information both verbally and in writing;
- Through use of appropriate information technologies proficiency in the use of technology;
- Proficiency in problem solving through exploration of economic issues and problems;
- Proficiency in report and essay writing;
- Proficiency in using mathematical ideas and techniques;
- Proficiency in self management;
- Proficiency in conducting research.

**Course:** Engineering Studies 2 Unit

**Faculty:** Industrial Arts

**1. Who should study Engineering Studies?**

Students wishing to gain insight into the types of problems, concerns and management faced by Engineers, Metallurgists, Industrial Designers and Research Scientists in associated design fields. These are amongst the fastest and most critical growth areas of international employment for both male and female.

**2. The study of Engineering Studies** will be by a Year 11 Preliminary Course and a Year 12 H.S.C. Course. Both courses are arranged around 24 hour (6 week) modules, each of which culminates in the production of an Engineering Report (Home Assignment).

The modules are chosen on a rotational basis from the following list:

Preliminary HSC Course	HSC Course
Engineering Fundamentals	Civil Structures
Engineered Products	Personal and Public Transport
Braking Systems	Aeronautical Engineering
Biomedical Engineering	Telecommunications Engineering

**3. What skills or previous studies are needed for this course?**

In order to be successful in this subject it is important that students possess a high level of competency in mathematics and the physical or observational sciences. This is necessary to allow students to solve engineering problems by a process of visualisation, followed by conceptualisation and analysis.

**4. What type of assessment tasks could I be required to do?**

(a) For both the **Preliminary** and **H.S.C. Courses**, students will be required to complete:

- Class tests and examinations
- Engineering reports
- Site visits
- Interview Reports
- Practical Experiments and Reports

Each assessment task will encompass the areas of:

- Mechanical analysis
- Materials analysis
- Graphical communication

**(b) Preliminary and HSC Course:**

<b>Component</b>	<b>Weighting</b>
Knowledge and understanding of engineering principles and developments in technology	50
Skills in research, problem solving and communication related to engineering	30
Understanding the scope and role of engineering including management and problem solving	20

Engineering Reports will represent **10% for the Preliminary Course** and **20% for the H.S.C. Course** of the total assessment based on the range of assessment components.

**(c) H.S.C. Course**

**(1) The internal assessment for the H.S.C. will be based on the H.S.C. Course only.**

**(2) External Assessment - HSC Examination**

\* The Higher School Certificate Examination for Engineering Studies will involve a written examination of 3 hours duration.

\* The written paper is divided into three sections:

Section 1: Twenty multiple choice questions

Section 2: Six questions requiring short structured responses based on the application of focus modules, and

**5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?**

\$20 course fee.

As there will be a requirement to complete technical drawings a set of drawing instruments (upwards of \$20)

**6. Prevocational skills likely to be gained from this course include:**

- Proficiency in applied Mathematics;
- Competent application of technical drawing principles;
- Proficient report writing and research skills;
- Development of technical knowledge and related skills;
- Competent analysis of materials, their properties and uses.

<b>Course:</b>	English, 2 Unit English Studies
<b>Faculty:</b>	English

**1. Who should study English, 2 Unit English Studies?**

*English Studies* addresses the needs of a specific group of students who wish to complete and be awarded a Higher School Certificate but who are seeking a pre-vocational alternative to the current Standard English course.

This course has the **OPTION** of an external examination. Results in the course are **NOT** eligible for inclusion in the calculation of the Australian Tertiary Admission Rank (ATAR) **UNLESS** the student sits the **OPTIONAL** external examination.

**2. The study of English Studies – Course Description**

The English Studies course is designed to provide students with opportunities to become competent, confident and engaged communicators and to study and enjoy a breadth and variety of texts in English. English Studies focuses on supporting students to refine their skills and knowledge in English and consolidate their English literacy skills to enhance their personal, educational, social and vocational lives.

The course is distinctive in its focus on the development of students' language, literacy and literary skills. It centres on empowering students to comprehend, interpret and evaluate the ideas, values, language forms, features and structures of texts from a range of everyday, social, cultural, academic, community and workplace contexts. It offers comprehensive and contemporary language experiences in the modes of reading, writing, speaking, listening, viewing and representing.

**Year 11 Course Content**

Mandatory module – Achieving through English: English in education, work and community (30-40 hours)  
An additional 2–4 modules (20-30 hours each)

**HSC Course Content**

Mandatory Common Module: Texts and Human Experiences (30 hours)  
An additional 2–4 modules (20-45 hours each)

**3. What skills or previous studies are needed for this course?**

A student should have a strong work ethic and a willingness to engage in both independent and collaborative study.

**4. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

Attendance at excursions (such as theatre visits and HSC study days) may be necessary and will incur transport and admission costs.

**5. Can this course provide me with Advanced Standing at TAFE?**

No. The course meets TAFE requirements for courses that require the HSC for entry (such as diploma courses) but does not provide advanced standing.

6. What type of assessment tasks could I be required to do?

Assessment: HSC Course External Assessment	Weighting	Assessment: HSC Course Internal Assessment	Weighting
<b>HSC Examination:</b> Section 1 Texts and Human Experiences Section 2 – The Modules  Please note – English Studies external examination is <b>OPTIONAL</b> , and if completed, <b>will</b> contribute to the awarding of an ATAR	60%	Knowledge and understanding of course content	50%
	40%	Skills in comprehending texts, communicating ideas and using language accurately, appropriately and effectively	50%
<p><b>The Year 12 formal school-based assessment program for English Studies reflects the following requirements:</b></p> <ul style="list-style-type: none"> <li>• a maximum of four assessment tasks</li> <li>• the minimum weighting for an individual task is 10%</li> <li>• the maximum weighting for an individual task is 40%</li> <li>• one task may be a formal written examination with a maximum weighting of 20%</li> <li>• one task must be a collection of classwork demonstrating student learning across the modules studied with a minimum weighting of 30%</li> <li>• assessment of the Common Module must integrate teacher or student selected related material</li> </ul>			

7. Prevocational skills likely to be gained from this course include:

- a. Work independently;
- b. Team work;
- c. Speaking: informal;
- d. Speaking: formal;
- e. Understand and act on verbal instructions;
- f. Able to ask appropriate questions;
- g. Complete a variety of forms;
- h. Organise and plan work in time;
- i. Find and record information using computer.

**Course:** English, 2 Unit Standard

**Faculty:** English

## 1. Who should study English, 2 Unit Standard?

English (Standard) is a rigorous course designed for students to increase their expertise in English in order to enhance their personal, social and vocational lives. Students must be willing readers who are prepared to learn to respond to texts and work on developing their composing skills in order to become effective communicators.

## 2. The study of English Standard – Course Description

The English Standard course is designed for students to increase their expertise in English to enhance their personal, educational, social and vocational lives. The English Standard course provides students, who have a diverse range of literacy skills, with the opportunity to analyse, study and enjoy a breadth and variety of English texts to become confident and effective communicators. English Standard offers a rich language experience that is reflected through the integrated modes of reading, writing, speaking, listening, viewing and representing.

### Particular Course Requirements

Across Stage 6 the selection of texts will give students experience of the following:

- a range of types of texts inclusive of prose fiction, drama, poetry, nonfiction, film, media and digital texts
- texts which are widely regarded as quality literature, including a range of literary texts written about intercultural experiences and the peoples and cultures of Asia
- a range of Australian texts, including texts by Aboriginal and/or Torres Strait Islander authors and those that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples
- texts with a wide range of cultural, social and gender perspectives
- integrated modes of reading, writing, listening, speaking, viewing and representing as appropriate

### Year 11 Course Content

Common Module: Reading to Write (40 hours)

Module A: Contemporary Possibilities (40 hours)

Module B: Close Study of Literature (40 hours)

### HSC Course Content

Common Module: Texts and Human Experiences (30 hours)

Module A: Language, Identity and Culture (30 hours)

Module B: Close Study of Literature (30 hours)

Module C: The Craft of Writing (30 hours)

## 3. What skills or previous studies are needed for this course?

A student should have a strong work ethic and a willingness to engage in both independent and collaborative study.

A student should find studying texts to be a valuable learning experience.

A student should have achieved at least a C average in Year 10 English.

4. What type of assessment tasks could I be required to do?

Assessment: HSC Course External Assessment	Weighting	Assessment: HSC Course Internal Assessment	Weighting
HSC Examinations: Paper 1 – Texts and Human Experiences	40%	Knowledge and understanding of course content	50%
Paper 2 – The Modules	60%	Skills in responding to texts and communication of ideas appropriate to audience, purpose and context across all modes	50%
<p><b>The Year 12 formal school-based assessment program for English Standard reflects the following requirements:</b></p> <ul style="list-style-type: none"> <li>• a maximum of four assessment tasks</li> <li>• the minimum weighting for an individual formal task is 10%</li> <li>• the maximum weighting for an individual formal task is 40%</li> <li>• one task may be a formal written examination with a maximum weighting of 30%</li> <li>• one task must be a multimodal presentation enabling students to demonstrate their knowledge, understanding and skills across a range of modes</li> <li>• assessment of the Common Module must integrate student selected related material</li> </ul>			

5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?

Attendance at excursions (such as theatre visits and HSC study days) may be necessary and will incur transport and admission costs.

6. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in TAFE NSW and other Registered Training Organisations. The recognition available to students of English in relevant courses conducted by TAFE is described in the HSC/TAFE Credit Transfer Guide. See the School Careers Adviser or check the TAFE NSW website ([www.tafensw.edu.au/mchoice](http://www.tafensw.edu.au/mchoice)).

7. Prevocational skills likely to be gained from this course include:

- Work independently;
- Team work;
- Speaking: informal;
- Speaking: formal;
- Understand and act on verbal instructions;
- Able to ask appropriate questions;
- Complete a variety of forms;
- Organise and plan work in time;
- Find and record information using computer.



**Course:** English 2 Unit Advanced

**Faculty:** English

### 1. Who should study English, 2 Unit Advanced?

English Advanced is a rigorous course designed for students to undertake the challenge of higher-order thinking to enhance their personal, social and vocational lives. Students will learn to apply critical and creative skills in their composition of and response to texts in order to develop their academic achievement through understanding the nature and function of complex texts. Students who enjoy reading will benefit most from this course. They must also be prepared to undertake significant levels of independent study and engage with the intricacies of how texts are composed.

### 2. The study of English Advanced – Course Description

The English Advanced course is designed for students who have a particular interest and ability in the subject and who desire to engage with challenging learning experiences that will enrich their personal, intellectual, academic, social and vocational lives. Students appreciate, analyse and respond imaginatively and critically to literary texts drawn from a range of personal, social, historical and cultural contexts, including literature from the past and present and from Australian and other cultures. They study challenging written, spoken, visual, multimodal and digital texts that represent and reflect a changing global world.

#### Particular Course Requirements

Across Stage 6 the selection of texts will give students experience of the following:

- a range of types of texts inclusive of prose fiction, drama, poetry, nonfiction, film, media and digital texts
- texts which are widely regarded as quality literature, including a range of literary texts written about intercultural experiences and the peoples and cultures of Asia
- a range of Australian texts, including texts by Aboriginal and/or Torres Strait Islander authors and those that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples
- texts with a wide range of cultural, social and gender perspectives
- integrated modes of reading, writing, listening, speaking, viewing and representing as appropriate

#### Year 11 Course Content

Common Module: Reading to Write (40 hours)

Module A: Narratives that Shape Our World (40 hours)

Module B: Critical Study of Literature (40 hours)

#### HSC Course Content

Common Module: Texts and Human Experiences (30 hours)

Module A: Textual Conversations (30 hours)

Module B: Critical Study of Literature (30 hours)

Module C: The Craft of Writing (30 hours)

### 3. What skills or previous studies are needed for this course?

A student should have a strong work ethic and a willingness to engage in both independent and collaborative study.

A student should have a love of literature and enjoy deconstructing and critically analysing texts.

A student should have achieved at least a B average in Year 10 English.

4. **What type of assessment tasks could I be required to do?**

<b>Assessment: HSC Course External Assessment</b>	<b>Weighting</b>	<b>Assessment: HSC Course Internal Assessment</b>	<b>Weighting</b>
<b>HSC Examinations:</b> Paper 1 – Texts and Human Experiences	40%	Knowledge and understanding of course content	50%
Paper 2 – The Modules	60%	Skills in responding to texts and communication of ideas appropriate to audience, purpose and context across all modes	50%
<p><b>The Year 12 formal school-based assessment program for English Advanced reflects the following requirements:</b></p> <ul style="list-style-type: none"> <li>• a maximum of four assessment tasks</li> <li>• the minimum weighting for an individual formal task is 10%</li> <li>• the maximum weighting for an individual formal task is 40%</li> <li>• one task may be a formal written examination with a maximum weighting of 30%</li> <li>• one task must be a multimodal presentation enabling students to demonstrate their knowledge, understanding and skills across a range of modes</li> <li>• assessment of the Common Module must integrate student selected related material</li> </ul>			

5. **What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

Attendance at excursions (such as theatre visits and HSC study days) may be necessary and will incur transport and admission costs.

6. **Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in TAFE NSW and other Registered Training Organisations. The recognition available to students of English in relevant courses conducted by TAFE is described in the HSC/TAFE Credit Transfer Guide. See the School Careers Adviser or check the TAFE NSW website ([www.tafensw.edu.au/mchoice](http://www.tafensw.edu.au/mchoice)).

7. **Prevocational skills likely to be gained from this course include:**

- Work independently;
- Team work;
- Speaking: informal;
- Speaking: formal;
- Understand and act on verbal instructions;
- Able to ask appropriate questions;
- Complete a variety of forms;
- Organise and plan work in time;
- Find and record information using computers

<b>Course:</b>	English, Extension Course 1 (Year 11 and HSC) Extension Course 2 (HSC Course)
<b>Faculty:</b>	English

### 1. Who should study English Extension units?

English extension is designed for students undertaking English Advanced who choose to study at a more intensive level. They enjoy engaging with literature and seek the opportunity to work in increasingly independent ways.

### 2. The study of English Extension – Course Description

The English Extension 1 course provides students who undertake Advanced English and are accomplished in their use of English with the opportunity to extend their use of language and self-expression in creative and critical ways. Through engaging with increasingly complex concepts through a broad range of literature, from a range of contexts, they refine their understanding and appreciation of the cultural roles and the significance of texts.

#### Particular Course Requirements

Across Stage 6 the selection of texts will give students experience of the following:

- texts which are widely regarded as quality literature, including a range of literary texts written about intercultural experiences and the peoples and cultures of Asia
- a range of Australian texts, including texts by Aboriginal and/or Torres Strait Islander authors and those that give insights into diverse experiences of Aboriginal and/or Torres Strait Islander peoples
- a range of types of text drawn from prose fiction, drama, poetry, nonfiction, film, media, multimedia and digital texts
- integrated modes of reading, writing, listening, speaking, viewing and representing as appropriate

#### Year 11 Course Content

Module: Texts, Culture and Value (40 hours)

Related research project (20 hours)

#### HSC Course Content

Common module: Literary Worlds with ONE elective option (60 hours)

### 3. What skills or previous studies are needed for this course?

Year 11 Course: Satisfactory completion of English Stage 5 RoSA (Grade A desirable)

HSC Extension 1 and Extension 2: Year 11 English, Extension 1 Course.

Please Note: admission to this course is selective. Applicants may be required to submit a specific written task. Please speak to Ms McLean (Head Teacher English) for details.

4. What type of assessment tasks could I be required to do?

**Summary of Internal and External Assessment - English Extension 1**

<b>Assessment: HSC Course External Assessment</b>	<b>Weighting</b>	<b>Assessment: HSC Course Internal Assessment</b>	<b>Weighting</b>
<b>HSC Examination:</b> Section 1 – Literary Worlds Section 2 - Elective	50%	Knowledge and understanding of complex texts and of how and why they are valued	50%
	50%	Skills in complex analysis, sustained composition and independent investigation	50%
<p><b>The Year 12 formal school-based assessment program for English Extension 1 reflects the following requirements:</b></p> <ul style="list-style-type: none"> <li>• three assessment tasks</li> <li>• the minimum weighting for an individual task is 20%</li> <li>• the maximum weighting for an individual task is 40%</li> <li>• one task may be a formal written examination with a maximum weighting of 30%</li> <li>• one task must be a creative response with a maximum weighting of 40%</li> <li>• at least one task must integrate student selected related material</li> </ul>			

**Summary of Internal and External Assessment - HSC English Extension 2 (HSC course only)**

The Major Work is assessed internally as a process and externally as a product.

<b>Assessment: HSC Course External Assessment</b>	<b>Weighting</b>	<b>Assessment: HSC Course Internal Assessment</b>	<b>Weighting</b>
There is no external examination – instead students submit a Major Work with Reflection		Skills in extensive independent research	50%
		Skills in sustained composition	50%
<p><b>The Year 12 formal school-based assessment program for English Extension 2 reflects the following requirements:</b></p> <p>Please note: Assessment will be based on the <u>process</u> of composing the Major Work. As part of that process, there will be three assessment tasks:</p> <ul style="list-style-type: none"> <li>• a Viva Voce with a weighting of 30%</li> <li>• a Literature Review with a weighting of 40%</li> <li>• a Critique of the Creative Process with a weighting of 30%</li> </ul>			

5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?

Attendance at excursions (such as theatre visits and HSC study days) may be necessary and will incur transport and admission costs.

6. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in TAFE NSW and other Registered Training Organisations. The recognition available to students of English in relevant courses conducted by TAFE is described in the HSC/TAFE Credit Transfer Guide. See the School Careers Adviser or check the TAFE NSW website ([www.tafensw.edu.au/mchoice](http://www.tafensw.edu.au/mchoice)).

**Course:** Food Technology 2 Unit

**Faculty:** Applied Technology

### 1. Who should study Food Technology?

Anyone with an interest in Nutrition, Food Science, Food Product Development, the Food Industry and the preparation and presentation of food products. A study of Food Technology and its related practical components make it a valuable base for careers in, but not limited to, Teaching, Nutrition, the Food Industry / Hospitality Industry, Nursing and Sports Science.

### 2. What topics are covered in this course?

Preliminary Course	HSC Course
Food Availability and Selection Food Quality Nutrition	The Australian Food Industry Food Manufacture Food Product Development Contemporary Nutrition Issues

Food Technology Stage 6 aims to develop an understanding about food systems and skills that enable students to make informed decisions and carry out responsible actions. Students will also develop an appreciation of the importance of food to the wellbeing of the individual and to the social and economic future of Australia.

It is a vigorous, theoretical based course with a small practical component (experimentation, food production and food product development).

### 3. What skills or previous studies are needed for this course?

No prior Food Technology studies are necessary. This course has a practical as well as theoretical component. It would be beneficial to have the ability to work in small groups, especially in practical situations.

### 4. What type of assessment tasks could I be required to do?

Case Studies  
Practical Food Preparation and experimentation  
Research & Investigation.  
Written Tests.

Component – Preliminary and HSC	Weighting %
Knowledge and understanding of course content	40
Knowledge and skills in designing, researching, analysing and evaluating	30
Skills in experimenting with and preparing food by applying theoretical concepts	30
Total	100

#### Assessment in the Preliminary Course

External Assessment	Weighting	Internal Assessment	Weighting
N/A	0	Task 1 – research / extended response	30
		Task 2 – research and experimentation	40
		Task 3 – extended response	30
Total	0		100

## Assessment in the HSC Course

External Assessment	Weighting	Internal Assessment	Weighting
3 hour written HSC exam	100	3 research / practical application tasks Trial exam – 3 hours	75 25
<b>Total</b>	100		100

**5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?**

Cost of WH&S equipment for practical lessons.

Course food costs-           Year 11 \$60 per year.  
  Year 12 \$30 per year.

Excursion costs.

**6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

**7. Prevocational skills likely to be gained from this course include:**

- skills in experimenting with and preparing food by applying theoretical concepts;
- knowledge and understanding about the nature of food and human nutrition;
- skills in researching, analysing and communicating food issues.

<b>Course:</b>	Geography 2 Unit
<b>Faculty:</b>	H.S.I.E.

### 1. Who should study Geography?

2 Unit Geography is designed for 2 groups of people. The first group is students who are thinking of pursuing a career for which Geography will provide direct benefit, e.g., environmental management, national parks, surveying, town planning and journalism.

The second group is those students who wish to improve their own knowledge of the world around them. Geography can help students in a broad range of careers and other activities by increasing their general knowledge and skills. It investigates the unique characteristics of our world through fieldwork, use of geographical skills and the study of current geographical issues.

### 2. The study of Geography will involve the following topics:

#### **PRELIMINARY COURSE:**

- Biophysical Interactions
- Global Challenges
- The Senior Geography Project

The Preliminary Geography Course provides students with knowledge and understanding of the natural and human forces that make the world the way it is currently. Throughout the topics time is spent on developing students' geographical skills and on the study of current issues. The Senior Geography Project is an individual research assignment on a geographical topic that interests the student.

#### **HSC COURSE:**

The HSC Course continues the study of biophysical and human geography introduced in the Preliminary Course through the study of 3 specific biophysical and human aspects

- Ecosystems at Risk
- Urban Places
- People and Economic Activity

### 3. What skills or previous studies are needed for this course?

To be successful in 2 Unit Geography students will need to be able to:

- understand and use material such as maps, graphs, photographs, diagrams and tables of statistics;
- write well structured and expressed reports and essays;
- research and write up an individual research topic.

### 4. What type of assessment tasks could I be required to do?

#### **ASSESSMENT: Preliminary Course**

Assessment in the Preliminary Course will involve internal school assessment using short answer tests based on geographic skills, fieldwork reports, reports and essays, and the Senior Geography Project based on a topic of the student's own choice.

## **ASSESSMENT: HSC Course**

### **External Assessment**

External assessment of the HSC Course will involve a three hour written examination.

### **Internal Assessment**

**Internal assessment of the HSC Course will involve the following aspects:**

- Fieldwork;
- Geographical research;
- Interpretation of geographical materials (skills);
- Geographical explanations, discussion and reports.

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

Students must complete a number of field work activities so there will be some cost involved in some one day excursions. Approximate cost over the two years will be \$40.00. A text book is required (\*textbooks on average range between \$50-\$70) + \$10 course fee.

**6. Can this course provide me with Advanced Standing at TAFE.**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser or the "HSC/TAFE Credit Transfer Guide".

**7. Prevocational skills likely to be gained from this course include:**

- a. Proficiency in collecting, analysing and organising information;
- b. Proficiency in communicating ideas and information both verbally and in writing;
- c. Through use of appropriate information technologies proficiency in the use of technology;
- d. Proficiency in problem solving through exploration of geographic issues and problems;
- e. Proficiency in conducting individual research on topic of choosing;
- f. Proficiency in writing extended responses in both report and essay format;
- g. Proficiency in self management;
- h. Proficiency in using mathematical techniques.



<b><u>Course:</u></b>	Industrial Technology - 2 Unit Preliminary and HSC Course
<b><u>Focus Area:</u></b>	Timber Products and Furniture Technologies
<b><u>Faculty:</u></b>	Industrial Arts

### 1. Who should study Industrial Technology?

Students interested in practical subjects, wishing to develop both design and practical skills to a higher level. The study of Industrial Technology Focus Area Timber Products and Furniture Technologies provides an excellent opportunity for students wishing to enter an allied skills based University or TAFE course following the HSC. For example, building and construction trades, cabinetwork, shop fitting and furniture design courses.

### 2. The study of Industrial Technology Studies will involve both theory and practical components. A number of minor practical projects will need to be designed and developed in the Preliminary Course. Each project must include a Management Folio. In the HSC course a Major Project will need to be developed with a management folio. In both Preliminary and HSC courses you will study:

- **The Related Industry** looking at the structure, technical, environmental and sociological aspects, personnel and Occupational Health and Safety.
- **Design & Management** experiencing designing, drawing, computer applications, project management.
- **Workplace Communication** in regard to literacy, calculations and graphics.
- **Industry Specific Content and Production.**

### 3. What skills or previous studies are needed for this course?

Although no previous skills or studies are necessary for this course, it is essential for students to have an interest and a willingness to develop practical skills in the chosen strand. Experience in the timber area would be an advantage.

### 4. What type of assessment tasks will I be required to do?

#### **Preliminary Course**

- A series of Research Theory Assignments
- A series of Minor Practical Projects
- Industry Study Report
- Half Yearly and Yearly Examination



## HSC Course

External Assessment	Weighting	Internal Assessment	Weighting
A one and a half hour written examination		Industry Study	15
Major Project (product and folio)	60	Major project and designing, planning and management	60
Industry related manufacturing technology.	40	Industry specific content	25
<b>TOTAL</b>	<b>100</b>		<b>100</b>

**NB:** The Half Yearly and Trial HSC examination will include all elements listed under the Internal Assessment.

### 5. What special equipment will be required and what will it cost?

General Safety Equipment: Apron or overalls, hard covered shoes, safety glasses, Folio report folder.

Costs: \$80 for the minor preliminary projects in Year 11. The major project is the responsibility of the individual student and cost will vary according to the nature of the project. Ancillary costs for Year 12 is \$50 covering some hardware items and supplementary timber pieces.



Costs of materials will vary according to individual projects undertaken.

### 6. Prevocational skills likely to be gained from this course include:

- Knowledge and understanding of manufacturing processes and techniques;
- Understanding of safe and cooperative work practices;
- Competence in design, managing and communication within industry;
- Knowledge and skills in producing quality products;
- Knowledge and skills in communication and information processing.



**Course:** Information Processes and Technology 2 Unit

**Faculty:** Science/Computing

## 1. Who should study Information Processes and Technology?

IPT is the study of digital technology, communication, multimedia and other computer based information systems. No matter what industry you see your future in; a range of these systems will be involved. Discover, through project work and practical tasks, how these technologies are used and developed in today's society. Because IPT provides problem analysis and solving skills, it is a good subject for ANY future occupation as well as very useful for tertiary study in ANY other subject area. Students interested in the field of information-based systems and the use of computer based technology will find this subject of value. The subject is not only for those who seek further study or careers in this field, but also for those who wish to understand the underlying principles of information systems and their development. It covers the processes of collecting, organising, analysing, storing and retrieving, processing, transmitting and receiving and displaying information, as well as the technologies that support information systems. This course can be studied at the same time as, and indeed complements, the course **Software Design and Development** (see other pages for details on this course).

## 2. The study of Information Processes and Technology will provide students with a good working knowledge of:

- \* the key concepts of data, information and systems
- \* the computer hardware and software that enable information systems to function
- \* the communication, personal and team skills necessary to ensure that an information systems solution is appropriate for the needs of the users
- \* related issues such as project management, documentation and user interfaces
- \* selecting the most appropriate technology for a given situation
- \* designing and implementing an information-based system using a creative and methodical approach.

The **Preliminary course** introduces students to the basic concepts of information systems and the technology required by them. The Preliminary course covers the following topic areas:

*Introduction to Information Skills and Systems,  
Tools for Information Processes,  
Developing Information Systems.*

The **HSC course** builds on the Preliminary course, and asks students to develop an understanding of information systems in a variety of situations. Students will learn to solve a number of interesting and relevant information system and technology problems. The HSC course covers the following topic areas:

*Project Management,  
Information Systems and Databases,  
Communication Systems,  
Two of the following four options,  
Transaction Processing Systems OR  
Decision Support Systems OR  
Automated Manufacturing Systems OR  
Multimedia Systems.*

**3. What skills or previous studies are needed for this course?**

Although students are not required to have any previous computing skills, it would be advantageous for students to have completed the RoSA Information and Software Technology Course but this is **not** a prerequisite. Students should have good logical thinking and interpretive skills and report writing skills. It may be an advantage for students to study both this course and the Software Design and Development course at the same time.

**4. What type of assessment tasks could I be required to do?**

This course is designed to incorporate a large component that is practical work. Students will be assessed on their knowledge and understanding of information systems. Students will need to word process reports and demonstrate skills in the use of a variety of software packages. Students will design and develop information systems solutions as project work. Students will be assessed on project management techniques including documentation, teamwork and communication skills. The assessment of a variety of different skills will give students an opportunity to maximise their results in this course.

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

To ensure that all equipment is functional and software upgraded on a regular basis, a fee of \$30 is required. Students will also need a USB flash disk.

Access to a computer outside of school would be recommended for this course.

**6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the Careers Adviser for further advice.

**7. Prevocational skills likely to be gained from this course include:**

- Proficiency in working in a team environment on project development and management;
- Proficiency in the use and development of a large variety of computing systems and application including databases, word processing, graphic design and multimedia;
- Proficiency in the use of computer hardware associated with the development and use of information systems.

**Course:** Investigating Science – 2 Unit

**Faculty:** Science/Computing

**1. Who should study Investigating Science?**

This course is intended for students who wish to balance a Humanities/Creative Arts focus or to complement students undertaking a more traditional Science.

The Investigating Science course is designed to assist students of all abilities engage with scientific processes, and apply those processes to investigate relevant personal, community and global scientific issues.

Students who intend on studying Biology, Chemistry, Earth and Environmental Science or Physics course may find that this course complements the tradition science they are undertaking. **Unlike the old Senior Science course, you cannot drop into this course in year 12 if you have studied a traditional science in year 11.**

**1. Year 11 Course**

The year 11 course incorporates the study of the following modules:

- |  |                     |
|--|---------------------|
| * Cause and Effect - Observing                         | * Scientific Models |
| * Cause and Effect – Inferences<br>and generalisations | * Theories and Laws |

**Year 12 Course**

The year 12 course builds upon the work covered in year 11. **The work covered in year 11 is considered assumed knowledge for the year 12 course.** The year 12 course incorporates the study of:

- |                             |                       |
|-----------------------------|-----------------------|
| * Scientific Investigations | * Fact or Fallacy?    |
| * Technologies              | * Science and Society |

In both courses, in depth studies are to be undertaken. These are mandated at 30 hours per course.

**3. What skills or previous studies are needed for this course?**

The junior science course provides necessary background knowledge and skills.

**4. What type of assessment tasks could I be required to do?**

It is mandatory for students to be assessed on their in depth study. Students will also be required to undertake one formal examination and may be assessed through research or problem-solving tasks.

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

The course fee is \$22 which will cover experiment resources and consumables.

**6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

**7. Prevocational skills likely to be gained from this course include:**

- assessing the validity of data from first hand and secondary information by considering information from a variety of sources;
- selecting and using the appropriate text types for written and oral presentations;
- selecting and using the appropriate scientific formats for presenting information, i.e., graphs and tables;
- predicting outcomes and making plausible explanations related to observations.

**Course:** Japanese - Continuers - 2 Unit

**Faculty:** LOTE

1. **Who should study Japanese - Continuers - 2 Unit?**  
Students who have studied Japanese to Year 10 or an equivalent level of 200-300 hours study of the language.
2. **The 2 Unit Japanese course:**
  - \* is a Board of Studies course;
  - \* can count towards University Admission score;
3. **In this course you will:**
  - \* extend and consolidate your reading, writing, listening and speaking skills in Japanese;
  - \* increase your vocabulary by approximately 1700 words;
  - \* master approximately 200 Kanji.
4. **The study of Japanese Continuers - 2 Unit will enable students to:**
  - \* communicate in Japanese in a variety of situations covered by the topics using relatively sophisticated language;
  - \* use Japanese appropriately if you were a tourist in Japan;
  - \* read selected authentic materials such as menus and letters;
  - \* write letters, emails, faxes and compositions in Japanese.
5. **What type of assessment tasks will I be required to do?**
  - \* Four skills will be necessary:  
Reading comprehension, listening comprehension, speaking and writing.
6. **What special equipment will be required and what will it cost?**
  - \* 2 Unit Kanji and Vocabulary Booklet (approximately \$5)
  - \* Course Workbook (per year) (approximately \$30).
  - \* Dictionary (approximately \$20).
7. **Prevocational skills likely to be gained from this course include:**
  - Communicate ideas and information using a language other than English;
  - Planning and organising work;
  - Working with others;
  - Competent use of technology.

**1. Who should study Legal Studies?**

2 Unit Legal Studies is designed for 2 groups of people. The first group is students who are thinking of pursuing a career in law, law enforcement, social welfare, counselling, journalism or business. The second group is students who want an understanding of the legal system and how it operates in everyday situations.

**2. The study of Legal Studies** aims to give students an understanding of the legal system and the relevance of law in everyday situations. The course introduces students to the reasons and issues behind the various laws. It will encourage students to become more aware of their legal rights and obligations.

The topics are as follows:

**PRELIMINARY COURSE:**

- The Legal System
- The Individual and the Law
- The Law in Practice

**HSC COURSE:**

- Crime
- Human Rights
- Two options from Consumers, Family, Global Environmental Protection, Indigenous Peoples, Shelter, Workplace, World Order.

**3. What skills or previous studies are needed for this course?**

Although the course assumes no previous knowledge of legal studies or the law, to be successful a student will have to:

- learn many new legal terms;
- write clear and well-structured essay and reports;
- read widely and take an interest in current affairs related to the law;
- think objectively about legal issues and be able to appreciate the viewpoints of others.

**4. What type of assessment tasks could I be required to do?**

**ASSESSMENT: Preliminary Course**

Assessment for the Preliminary Course will involve internal school assessment using multiple choice tests, reports undertaken at home or in class, research assignments, oral reports and short answer questions.

**ASSESSMENT: HSC Course**

**External Assessment**

External assessment for the HSC Course will involve a three hour written examination.

**Internal Assessment**

Internal assessment for the HSC Course will involve assessment in the following areas:

- investigation and research skills
- discussion, report and expositions
- oral and written reports and tests

**5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?**

A text book is required (\*textbooks on average range between \$60-\$70) + \$10 course fee.

**6. Can this course provide me with Advanced Standing at TAFE.**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser or the "HSC/TAFE Credit Transfer Guide".

**7. Prevocational skills likely to be gained from this course include:**

Proficiency in collecting, analysing and organising information;  
Proficiency in communicating ideas and information both verbally and in writing;  
Through use of appropriate information technologies proficiency in the use of technology;  
Proficiency in problem solving through investigating and proposing solutions to legal problems;  
Proficiency in writing reports and essays;  
Proficiency in conducting individual research;  
Proficiency in self-management.



**Course:** Mathematics Standard 2 (2 Unit)

**Faculty:** Mathematics

### 1. Who should study Standard Mathematics 2?

The course provides a strong foundation in preparing for the workforce and is designed to support TAFE and other vocational courses. It provides an appropriate mathematical background for students who do not wish to pursue the formal study of mathematics at tertiary level, while giving a strong foundation for university study in the areas of business, humanities, nursing and paramedical sciences.

### 3. Course Description

The Preliminary Mathematics Standard course and the HSC Mathematics Standard 2 course are designed to promote the development of knowledge, skills and understanding in areas of mathematics that have direct application to the broad range of human activity. The Preliminary Mathematics Standard course content is written in four Strands. The HSC Mathematics Standard 2 course content is written in the same four Strands and includes an additional Strand. The syllabus gives students the opportunity to apply and develop, in contemporary contexts, the knowledge, skills and understanding initially developed in the study of Mathematics.

#### Main Topics Covered

##### Preliminary Course

Algebra  
Measurement  
Financial Mathematics  
Statistical Analysis

##### HSC Course

Algebra  
Measurement  
Financial Mathematics  
Statistical Analysis  
Networks

### 3. What skills or previous studies are needed for this course?

The course is constructed on the assumption that students have achieved the outcomes for the RoSA, of Stage 5.1 or above with a Board of Studies band 3,4, 5 or 6 and a school achievement band of A to D.

### 4. What type of assessment tasks could I be required to do?

A range of assessment tasks (pen/paper tests, project, investigations) may be employed. Once the assessment of the HSC course has commenced, some Preliminary course work can be included in assessment tasks for Mathematics Standard. No more than 30% of the assessment is to be based on the Preliminary course.

### 5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?

A scientific calculator (approx. \$30) and a course text book for the Preliminary and HSC courses (approx. \$70 each)

### 6. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in the related TAFE courses. See the School Careers Adviser for further advice.

### 7. Prevocational skills likely to be gained from this course include:

Gives student an appropriate mathematical background with the focus on direct application to everyday activity; Looks at financial maths, data collection models and measurement relevant to various vocational applications.

**Course:** Mathematics Standard 1 **Non ATAR** (2 Unit)

**Faculty:** Mathematics

### 1. Who should study Standard Mathematics 1?

The course provides a strong foundation in preparing for the workforce and is designed to support TAFE and other vocational courses. The Preliminary Mathematics Standard and HSC Mathematics Standard 1 pathway provides students with the opportunity to develop an understanding of and competence in further aspects of mathematics for concurrent HSC studies, such as in vocational education and training courses, other practically oriented courses, and some humanities courses. It also provides an appropriate mathematical background for students entering the workforce and/or undertaking further training.

### 2. Course Description

The Preliminary Mathematics Standard course and the HSC Mathematics Standard 1 course are designed to promote the development of knowledge, skills and understanding in areas of mathematics that have direct application to the broad range of human activity. The Preliminary Mathematics Standard course content is written in four Strands. The HSC Mathematics Standard 1 course content is written in the same four Strands and includes an additional Strand. The syllabus gives students the opportunity to apply and develop, in contemporary contexts, the knowledge, skills and understanding initially developed in the study of Mathematics.

#### Main Topics Covered

##### Preliminary Course

Algebra  
Measurement  
Financial Mathematics  
Statistical Analysis

##### HSC Course

Algebra  
Measurement  
Financial Mathematics  
Statistical Analysis  
Networks

### 3. What skills or previous studies are needed for this course?

The course is constructed on the assumption that students have achieved the outcomes for the RoSA, of Stage 5.1 or above with a Board of Studies band 3,4, 5 or 6 and a school achievement band of A to D.

### 4. What type of assessment tasks could I be required to do?

There is no external examination for Mathematics Standard 1. A range of assessment tasks (pen/paper tests, project, investigations) may be employed. A number of tasks will be used to determine a student's school-based assessment and any one task may contribute to measuring attainment of both components.

### 5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?

A scientific calculator (approx. \$30) and a course text book for the Preliminary and HSC courses (approx. \$70 each)

### 6. Can this course provide me with Advanced Standing at TAFE?

See the School Careers Adviser for further advice.

### 7. Prevocational skills likely to be gained from this course include:

Gives student an appropriate mathematical background with the focus on direct application to everyday activity.

**Course:** Mathematics Advanced (2 Unit)

**Faculty:** Mathematics

### 1. Who should study Mathematics Advanced?

The course is intended to give students who have demonstrated general competence in the skills of Stage 5.3 Mathematics an understanding of and competence in some further aspects of mathematics which are applicable to the real world.

### 2. Course Description

It has general educational merit and is also useful for concurrent studies in science and commerce. The course is a sufficient basis for further studies in mathematics as a minor discipline at tertiary level in support of courses such as the life sciences or commerce. Students who require substantial mathematics at a tertiary level, supporting the physical sciences, computer science or engineering, should undertake the Mathematics Extension 1 course.

### Main Topics Covered

#### Preliminary Course

Functions

Working with Functions

Trigonometric Functions

Trigonometry and Measure of Angles

Trigonometric Functions and Identities

Calculus

Introduction to Calculus

Exponential and Logarithmic Functions

Logarithms and Exponentials

Statistical Analysis

Probability and Discrete Probability

#### HSC Course

Functions

Graphing Techniques

Trigonometric Functions

Trigonometric Functions and Graphs

Calculus

Differential Calculus

Applications of Differentiation

Integral Calculus

Financial Mathematics

Modelling Financial Situations

Statistical Analysis

Descriptive Statistics and Bivariate Data

Random Variables

### 3. What skills or previous studies are needed for this course?

The course is constructed on the assumption that students have achieved all of the outcomes of the 5.2 Mathematics course

### 4. What type of assessment tasks could I be required to do?

A number of tasks will be used to determine a student's school-based assessment and any one task may contribute to measuring attainment of both components. There will be a 3 hour external examination where no more than the equivalent of two questions will be based on the Preliminary course. Questions from the Preliminary course will be short and represent a minor part of a total question

### 5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?

A scientific calculator (approx. \$30) and a course text book for the Preliminary and HSC courses (approx. \$70 each)

### 6. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

### 7. Prevocational skills likely to be gained from this course include:

Foundation course for most tertiary studies with a quantitative component, e.g. business and commerce, health sciences. Course provides introduction to calculus and advanced trigonometry. It is an excellent vehicle for developing generic reasoning skills.

**Course:** Mathematics Extension 1 – (1 Unit additional)

**Faculty:** Mathematics

### 1. Who should study Extension 1 Mathematics?

Extension 1 Mathematics is intended for students who have demonstrated a mastery of the skills of Stage 5.3 Mathematics and are interested in study of further skills and ideas in mathematics.

### 2. Course Description

The course is intended to give these students a thorough understanding of and competence in aspects of mathematics, including many which are applicable to the real world. It is useful for concurrent studies of science, industrial arts and commerce. The course is a recommended minimum basis for further studies in mathematics as a major discipline at a tertiary level and for the study of mathematics in support of the physical and engineering sciences.

#### Main Topics Covered

##### Preliminary Course

Functions  
Further Work with Functions  
Polynomials  
Trigonometric Functions  
Inverse Trigonometric Functions  
Further Trigonometric Identities  
Calculus  
Rates of Change  
Combinatorics  
Working with Combinatorics

##### HSC Course

Proof  
Proof by Mathematical Induction  
Vectors  
Introduction to Vectors  
Trigonometric Functions  
Trigonometric Equations  
Calculus  
Further Calculus Skills  
Applications of Calculus  
Statistical Analysis  
The Binomial Distribution

### 3. What skills or previous studies are needed for this course?

The course is constructed on the assumption that students have achieved all of the outcomes of the 5.3 Mathematics course for the School Certificate, along with the recommended options.

### 4. What type of assessment tasks could I be required to do?

Extension 1 students complete all Mathematics assessment tasks and additional Extension 1 tasks. For the external examination, extension 1 students have two written examination papers. One paper is identical to the paper of three hours duration for the Mathematics course. The other paper, of two hours duration, is based on the Mathematics Extension 1 course

### 5. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

### 6. Prevocational skills likely to be gained from this course include:

An essential course if planning a career in physical sciences, engineering, advanced financial modelling. Builds on 2 Unit course, the extra skills gained will make tertiary level mathematics or statistics course easier to understand.

**Course:** Mathematics Extension 2 – (2 Unit)

**Faculty:** Mathematics

### 1. Who should study Extension 2 Mathematics?

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

### 2. 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

The course content includes the entire Mathematics course, the entire Mathematics Extension 1 course and, in addition, contains:

Proof	The Nature of Proof
Vectors	Further Work with Vectors
Complex Numbers	Introduction to Complex Numbers Using Complex Numbers
Calculus	Further Integration
Mechanics	Applications of Calculus to Mechanics

### 3. What skills or previous studies are needed for this course?

Successful results in the Preliminary Mathematics Extension 1 course

### 4. What type of assessment tasks could I be required to do?

A number of tasks will be used to determine a student's school-based assessment. For the external examination students will sit two written examination papers. One paper is identical to the paper of two hours duration for the Mathematics Extension 1 course which has 10 objective-response questions and 4 questions of equal value. The other paper is based on the Mathematics Extension 2 course and is of three hours duration with 10 objective-response questions and 6 questions of equal value.

### 5. Can this course provide me with Advanced Standing at TAFE?

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

### 6. Prevocational skills likely to be gained from this course include:

An essential course if planning a career in physical sciences, engineering, advanced financial modelling. Builds on 2 Unit course, the extra skills gained will make tertiary level mathematics or statistics course easier to understand.

**Course:** Modern History : 2 Unit

**Faculty:** H.S.I.E.

## 1. Who should study Modern History?

History is suitable for just about everyone. Even though you may be planning to take a course with a mathematical or technical emphasis, you will find that History will provide you with a vital understanding of the modern world and a valuable set of skills.

History has a direct connection with a number of tertiary courses such as law, journalism, politics, librarianship and archaeology.

The skills you will develop include analysing a wide variety of sources, making judgements, thinking through and communicating ideas, detecting bias and making logical conclusions.

## 2. Course Description:

The Preliminary Course is designed to provide students with opportunities to investigate individuals, groups, events, institutions, societies and ideas in a range of historical contexts as a background for their more specialised HSC studies.

The HSC Course is designed for students to investigate national and international forces for change and continuity in the twentieth century through 3 major studies.

### Main Topics Covered:

#### Preliminary Course:

- Part I: Investigating Modern History
  - The Nature of Modern History
  - Case Studies

One case study **must** be from Australia, Europe, North America: Australia and the Rise of Communism; Making Change: Day of Mourning to Mabo; The Changing Nature of Anglo-Irish Relations; The Decline and Fall of the Romanov Dynasty; The Trans-Atlantic Slave Trade; The American Civil War; The Rise of the Environmental Movement; Women's Movements

One case study **must** be from Asia, the Pacific, Africa, the Middle East or Central/South America: The Boxer Rebellion in China; The British in India and Burma; The Meiji Restoration; Tibet in the Modern World; Making Contact with the Pacific; The Making of Modern South Africa; The Origins of the Arab-Israeli Conflict; The Cuban Revolution

- Part II:  
Historical Investigation – topic and presentation style that reflects a student's individual interests.
- Part III:  
The Shaping of the Modern World: Students study at least ONE of the following: The Enlightenment; The French Revolution; The Age of Imperialism; The Industrial Age; World War I; The End of Empire.

#### HSC Course:

- Part I:  
Power and Authority in the Modern World 1919-1946
- Part II:  
National Study - ONE selected from Australia 1918-1949; China 1927-1949; India 1942-1984; Indonesia 1945-2005; Japan 1904-1937; Russia and the Soviet Union 1917-1941; USA 1919-1941; Iran 1945-1989.

- Part III:  
Peace and Conflict – Conflict in Indochina 1954-1979; Conflict in the Pacific 1937-1951; Conflict in Europe 1935-1945; The Cold War 1945-1991; Conflict in the Gulf 1980-2011; The Arab-Israeli Conflict. 1948-1996.
- Part IV:  
Change in the Modern World – Pro-democracy in Burma 1945-2010; The Cultural Revolution to Tiananmen Square 1966-1989; Civil Rights in the USA 1945-1968; The Changing World Order 1945-2011; The Nuclear Age 1945-2011; Apartheid in South Africa 1960-1994.

**3. What skills or previous studies are needed for this course?**

There are no previous studies needed, but students with good reading and written expression are advantaged through formulating ideas, detecting bias and making logical conclusions

**4. What types of special equipment are required?**

A text book is required (\*textbooks on average range between \$70-\$80) + \$10 course fee.. Excursion costs are limited to HSC study days.

**5. Prevocational skills likely to be gained from this course include:**

- Proficiency in collecting, analysing and organising information;
- Proficiency in communicating ideas and information both verbally and in writing;
- Through use of appropriate information technologies proficiency in the use of technology;
- Proficiency in problem solving through exploration of issues and historical problems;
- Proficiency in working with others and in teams;
- Proficiency in writing reports and essays;
- Proficiency in conducting individual research on topic of choosing;
- Proficiency in self-management.

**Course:** Music 1 – 2 Unit

**Faculty:** Music

**1. Who should study Music 1?**

This course is designed for students who have a keen interest in music. It is designed to accommodate students who have not studied the subject before as well as those who have prior experience. Some experience on an instrument is an advantage.

**2. The study of Music 1 consists of the study of 6 topics which may be selected from a range of 21 topics.**

The 21 topics cover a wide range of music from the medieval period through to the present day, from both western and non-western cultures.

Some examples of these topics are:

- Music of a Culture
- Jazz
- Music for Radio, Film and Television + multimedia
- Music of the 20th Century + 21<sup>st</sup> Century
- Rock Music
- Theatre Music

Each topic chosen requires activity in the areas of Performance, Composition, Musicology and Aural/listening with links in each to the 6 concepts of Music – Pitch, Duration, Texture, Tone, Colour, Structure and Dynamics and Expressive Techniques.

**3. What skills or previous studies are needed for this course?**

Students must have an interest in a variety of styles and genres of music, including performance. Regular musical practice is necessary for success in this course but it is possible to succeed if only beginning on an instrument in Year 11.

**4. What special equipment and materials will be needed to study this subject effectively and how much will they cost?**

Instrument of your choice  
Private lessons on the instrument would be an advantage. Private tuition will enable students to have one on one attention on the skills required to play their instruments.

**5. What type of assessment tasks could I be required to do?**

Assessment tasks will involve performances, composition and arranging work, aural analysis and research tasks / via voce's with a musicological focus.

The suggested components, weightings and tasks for the Preliminary course are detailed below.



<b>Component</b>	<b>Weighting</b>	<b>Suggested Tasks</b>
Performance	25	<ul style="list-style-type: none"> <li>• Classroom based activities in both sole and group performances</li> <li>• Demonstration of personal interpretations of music</li> <li>• Presentations and performances at concerts</li> </ul>
Composition	25	<ul style="list-style-type: none"> <li>• Improvisations</li> <li>• Original compositions</li> <li>• Arrangements</li> <li>• Viva voce on compositions</li> <li>• Composition portfolio</li> </ul>
Musicology	25	<ul style="list-style-type: none"> <li>• Oral responses</li> <li>• Written responses</li> <li>• Research tasks</li> <li>• Viva voce</li> <li>• Musicology portfolio</li> </ul>
Aural	25	<ul style="list-style-type: none"> <li>• Recognition of concepts exhibited in a variety of musical excerpts</li> <li>• Discussion of the use of concepts</li> <li>• Written responses to primary source stimulus</li> </ul>
<b>Marks</b>	<b>100</b>	

**6. Prevocational skills likely to be gained from this course include:**

- Technology proficiency through use of computers, digital instruments used in composition and performance;
- Proficiency in solo and ensemble performance;
- Higher order thinking skills developed through planning and organising ideas and information.

**Course:** Music 2 – 2 Unit

**Faculty:** Music

**1. Who should study Music 2?**

Music 2 is the more academically rigorous of the two music courses. It is designed for experienced musicians who can read and write music. Students who study Music 2 also have the option to undertake extension music in Year 12.

**2. The study of Music 2** consists of two mandatory topics – Music 1600 – 1900 (Year 11) and Music of the last 25 years with an Australian focus (Year 12) and two additional topics. Additional topics are chosen from a list which includes:

- Music of a culture
- Medieval
- Renaissance
- Baroque
- Classical
- Romantic
- Music of the Nineteenth century
- Music from 1900-1945
- Music from 1945-25 years ago.

**3. What skills or previous studies are needed for this course?**

Students must have a background in music study, either in Years 9 and 10 Music, or have completed music study outside school (e.g. AMEB grade 5 or 6). Students must also play an instrument and be proficient with music terminology and notation.

**4. What special equipment and materials will be needed to study this subject effectively and how much will they cost?** Instrument. Private lessons on the instrument would be an advantage.

**5. What type of assessment tasks could I be required to do?**

Assessment tasks will involve performance, composition, aural skills and written responses. The suggested components, weightings and tasks for the Preliminary course are detailed below.

Component	Weighting	Suggested Tasks
Performance	25	<ul style="list-style-type: none"><li>• Classroom based activities in both solo and group performances</li><li>• Demonstration of personal interpretations of music</li><li>• Presentations and performances at concerts</li></ul>
Composition	25	<ul style="list-style-type: none"><li>• Improvisations</li><li>• Original compositions</li><li>• Arrangements</li><li>• Viva voce on compositions</li><li>• Composition portfolio</li></ul>
Musicology	25	<ul style="list-style-type: none"><li>• Oral responses</li><li>• Written responses</li><li>• Research tasks</li><li>• Viva voce</li><li>• Musicology portfolio</li></ul>
Aural	25	<ul style="list-style-type: none"><li>• Recognition of concepts exhibited in a variety of musical excerpts</li><li>• Discussion of the use of concepts</li><li>• Written responses to primary source stimulus</li></ul>
<b>Marks</b>	<b>100</b>	

**6. Prevocational skills likely to be gained from this course include:**

- Technology proficiency through use of computers, digital instruments used in composition and performance;
- Proficiency in solo and ensemble performance;
- Higher order thinking skills developed through planning and organising ideas and information.

**Course:** Personal Development, Health & Physical Education – 2 Unit

**Faculty:** PD/Health/PE

**1. Who should study Personal Development, Health & Physical Education?**

Students who have a strong interest in Human performance and want to learn about the elements of a healthy lifestyle.

The two unit course gives an excellent introduction to students who wish to pursue a career in the areas of Leisure, Recreation, the Fitness Industry, Health related services and Sport and Exercise Science. It is a particularly good as an introduction to tertiary courses in these areas.

**2. The study of PDHPE.**

The preliminary course will consist of two cores and two options. The cores take up 60% of the time and the options 40%.

**The cores in the preliminary course are:**

- 1) Better Health for Individuals      2) The Body in Motion

**The options for the preliminary course are a selection of two of the following:**

- 1) Fitness Choices                      3) First Aid  
2) Outdoor Recreation                4) Composition and Performance

The HSC course consists of two cores and two options. The cores take up 60% of the time and the options 40%.

**The cores for the H.S.C. course are:**

- 1) Health Priorities in Australia      2) Factors Affecting Performance

**The options for the HSC are a selection of two of the following:**

- 1) Improving Performance            4) Equity and Health  
2) Sports Medicine                    5) The Health of Young People  
3) Sport and Physical Activity

**3. What skills or previous studies are needed for this course?**

It is important to realise that the majority of the course has a theoretical component, as well as a small section on practical learning. While some learning experiences will be physically active in nature, it is not necessary for students to be highly skilled in any particular area.

**4. What type of assessment tasks could I be required to do?**

Assessment comprises of: Laboratory reports, research reports, oral presentations, examinations/test.

**5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?**

Using outside facilities for practical applications may be necessary plus a textbook.

**6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

**7. Prevocational skills likely to be gained from this course include:**

- Devise methods of gathering, interpreting and communicating information about health;
- Design and implement training programs to improve performance;
- Analyse and initiate health promoting strategies and actions that promote social justice;
- Technical skills and understanding in planning for safe participation in outdoor recreation activities to satisfy a range of individual needs.

**Course:** Physics – 2 Unit

**Faculty:** Science/Computing

**1. Who should study Physics?**

Students preparing for tertiary education particularly if they are interested in pursuing a science based course. Physics is also often strongly recommended as preparation for tertiary study in courses such as Engineering and Medicine.

Physics 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 Physics course is designed for those students who have a substantial achievement level based on the Science Years 7-10 course performance descriptions.

**2. Year 11 Course**

The year 11 course incorporates the study of the following modules:

- |              |                             |
|--------------|-----------------------------|
| * Kinematics | * Waves and Thermodynamics  |
| * Dynamics   | * Electricity and Magnetism |

**Year 12 Course**

The year 12 course builds upon the work covered in year 11. **The work covered in year 11 is considered assumed knowledge for the year 12 course.** The year 12 course incorporates the study of:

- |                      |                                 |
|----------------------|---------------------------------|
| * Advanced Mechanics | * The Nature of Light           |
| * Electromagnetism   | * From the Universe to the Atom |

In both courses, in depth studies are to be undertaken. These are mandated at 15 hours per course.

**3. What skills or previous studies are needed for this course?**

A good grasp of junior mathematics at advanced or top intermediate level is important. Other skills which are needed are good written and oral communication skills, the ability to work well at practical tasks in a small group situation, and the ability to analyse data, draw conclusion and solve problems.

**4. What type of assessment tasks could I be required to do?**

It is mandatory for students to be assessed on their in depth study. Students will also be required to undertake one formal examination and may be assessed through research or problem-solving tasks.

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

The course fee is \$22 which will cover experiment resources and consumables. A Scientific Calculator is required for this course.

**6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

**7. While Physics has been traditionally seen as a subject leading to tertiary studies, prevocational skills likely to be gained from this course include:**

- Selecting and using the appropriate text types for written and oral presentation;
- Present information using an appropriate scientific format;
- Draw valid conclusions from gathered data and information by
  - identifying trends
  - making inferences and generalizations
  - planning investigations and solving practical problems.

**Course:** Society and Culture – 2 Unit

**Faculty:** H.S.I.E

**1. Who should study Society and Culture?**

Society and Culture is suitable for just about everyone. The aim of Society & Culture is to develop a student's knowledge and understanding, skills, values and attitudes essential to achieving social and cultural literacy by examining the interactions between persons, societies, cultures and environments across time.

Society and Culture has a direct connection with a number of tertiary courses such as law, journalism, politics, librarianship and archaeology. Other possible pathways are international organisations, researcher, consultant, social work and teaching.

The skills you will develop include analysing a wide variety of sources, making judgements, thinking through and communicating ideas, detecting bias, making logical conclusions, developing social literacy and cultural empathy.

**2. Course Description:**

The Preliminary Course is designed to provide students with opportunities to investigate individuals, groups, events, institutions, societies and ideas in a range of social and cultural contexts as a background for their more specialised HSC studies.

The HSC Course is designed for students to investigate national and international forces for change and continuity in the twentieth century through 3 major studies. The course requires students to complete an externally marked major Personal Interest Project (PIP).

**Main Topics Covered:**

**Preliminary Course**

- The Social and Cultural World
- Personal and Social Identity
- Intercultural Communication

**HSC Course**

Core

- Personal Interest Project
- Social and Cultural Community and Change

Depth Studies

- Popular Culture
- Belief Systems
- Equality and Difference
- Work and Leisure

**3. What skills or previous studies are needed for this course?**

There are no previous studies needed, but students with good reading and written expression are advantaged through formulating ideas, detecting bias and making logical conclusions.

**4. What types of special equipment are required?**

A text book is required (\*textbooks on average range between \$60-\$70). Excursion costs are limited to HSC study days + \$10 course fee.

**4. Prevocational skills likely to be gained from this course include:**

- Proficiency in collecting, analysing and organising information;
- Proficiency in communicating ideas and information both verbally and in writing;
- Through use of appropriate information technologies proficiency in the use of technology;
- Proficiency in problem solving through exploration of issues and historical problems;
- Proficiency in working with others and in teams;
- Proficiency in writing reports and essays;
- Proficiency in conducting individual research on topic of choosing;
- Proficiency in self-management.

**Course:** Software Design and Development – 2 Unit

**Faculty:** Science/Computing

### 1. Who should study Software Design and Development?

Students interested in the fields of software development (programming) and computer science will find this subject of value. The subject is not only for those who seek further study or careers in this field, but also for those who wish to understand the underlying principles of software design and development. Students with software development skills wishing to acquire team and communication skills will find this subject useful. This course can be studied at the same time as, and indeed complements, the course **Information Processes and Technology** (see other pages for details on this course).

**The study of Software Design and Development** will provide students with a systematic approach to problem-solving, an opportunity to be creative, excellent career prospects and interesting content.

The **Preliminary course** introduces students to the basic concepts of computer software design. It does this by looking at the different ways in which software can be developed, the tools that can be used to assist in this process and by considering the interaction between software and the other components of the computer system. The Preliminary course covers the following topic areas:

*Concepts and Issues in the Design and Development of Software,  
Introduction to Software Development  
Developing Software Solutions.*

The **HSC course** builds on the Preliminary course, and asks students to develop and document software using a variety of techniques. Students will learn to solve a number of interesting and relevant software problems. The HSC course covers the following topic areas:

*Development and Impact of Software Solutions,  
Software Development Cycle  
Developing a Solution Package – project work,  
One of the following two options,  
Evolution of Programming Languages OR  
The Software Developer's View of Hardware*

### 3. What skills or previous studies are needed for this course?

As this course does not teach students about the basics of how to use a computer, it is advantageous for students to have good practical computer skills. It would be advantageous for students to have completed the RoSA Information & Technology Course but this is **not** a prerequisite. Students should have good logical thinking and interpretive skills. Students are not required to have any previous programming skills. It may be an advantage for students to study both this course and the Information Processes and Technology course at the same time.

### 4. What type of assessment tasks could I be required to do?

This course is designed to incorporate a large component that is practical work. Students will be assessed on their knowledge and understanding about the impact of software solutions and the software development cycle. Students will design and develop software solutions. Students will be assessed on project management techniques including documentation, teamwork and communication skills. The assessment of a variety of different skills will give students an opportunity to maximise their results in this course.

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

To ensure that all equipment is functional and software upgraded on a regular basis, a fee of \$30 is required. Students that do both this course and the Information Processes and Technology course will pay a combined fee of \$50 (a discount of \$10). Students will also need a USB Flash disk.

Access to a computer outside of school would be highly recommended for this course.

**6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the Careers Adviser for further advice.

**7. Prevocational skills likely to be gained from this course include:**

- Proficiency in working in a team environment on software programming skills and project management;
- Proficiency in problem solving and logical thinking skills especially in solving computer based problems;
- Proficiency in the use of computing technologies associated with the development of computer software and large scale project management techniques.



**Course:** Visual Arts 2 Unit

**Faculty:** Visual Arts

### 1. Who should study Visual Arts?

Students who study Visual Arts at school demonstrate an interest in the Visual Arts both as a forerunner to a career and as a creative pursuit. The Career application of this course is extremely broad embracing a multitude of 21st century educational and vocational destinations such as Bachelor of: Fine Arts, Visual Arts, Design, Communication, Art theory, Architecture, Art Education and Media (Film, Sound and Installation). Students who wish to thrive in the increasingly interdisciplinary world should elect this subject.

2. **The study of Visual Arts** provides practical opportunities for students to produce a broad range of artworks within the set NESA Expressive Forms including: Documented Forms, Collection of Works, Drawing, Painting, Photo media, Printmaking, Textiles and Fibre, Graphic Design, Designed Objects, Sculpture, Ceramics and Time-based Forms.

#### **Main Topics Covered:**

##### **Preliminary Course learning opportunities focus on:**

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

##### **HSC Course learning opportunities focus on:**

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

### 3. What skills or previous studies are needed for this course?

Whilst the course builds on Visual Arts courses in Stage 4 and 5, it also caters for students with less experience in Visual Art. An interest or aptitude in the Visual Arts is necessary as well as good critical thinking, written and oral communication skills. Students are expected to be able to undertake research independently.

### 4. What type of assessments could I be required to do?

#### **Preliminary Course:**

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

#### **HSC Course:**

- Development of a body of work and use of a process diary
- A minimum of five Case Studies (4–10 hours each)
- Deeper and more complex investigations in art making, art criticism and art history.

<b>Assessment: HSC course only</b>			
<b>External Assessment</b>	<b>Weighting</b>	<b>Internal Assessment</b>	<b>Weighting</b>
A written paper	50	Development of the body of work	50
Submission of a body of work	50	Art criticism and art history	50
	100		100

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

- a) Fee for Year 11 and 12 is \$100 per year.
- b) This fee includes all necessary materials and a Visual Arts Diary.
- c) Some Year 12 students who choose to specialise in more expensive materials for their Body of Work may need to buy additional materials or pay an extra fee.

**6. Prevocational skills likely to be gained from this course include:**

- Visual Arts is a rich course that enables students to explore the Visual Arts in a wide range of Expressive Forms. These practical explorations ensure Visual Arts students develop technical skills in a variety of areas such as Illustration, Photography, Painting, Printmaking, Photoshop, Sculpture, Ceramics, Mixed Media, Design, Animation and Film.
- Students develop industry based skills using hardware and software in the production of contemporary art.
- Students develop a visual portfolio.
- Critical and Historical Experiences undertaken in this subject increase student skills in writing analytical essays.
- Curatorial aptitudes develop through the setting up and planning of Art exhibitions.
- The ability to decode unseen visual source material is strengthened in this subject.
- Working collaboratively on creative and artistic projects in Visual Arts strengthens interpersonal qualities whilst developing team principles.
- The capacity to develop original ideas that communicate meaning to a variety of audiences is nurtured.
- Students are encouraged to think critically and become analytical visual consumers.
- Visual Arts is often the foundation for further tertiary education and employment in areas such as: digital media, architecture, film and video, costume and textile design. photography, photojournalism and animation.

**Course:** Vocational Education and Training Course delivered onsite at Winmalee High

- Construction
- Hospitality

These are Board Developed Courses - Category B.

## Vocational Education and Training (VET) Courses

Public Schools NSW, Macquarie Park RTO 90222 is accredited as a Registered Training Organisation (RTO) to deliver and assess VET qualifications to secondary students.

By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive the AQF VET qualification Certificate I, II or III, students must meet the assessment requirements of the Industry Training Package (<http://training.gov.au>).

Students will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA. When a student achieves a unit of competency it is signed off by a qualified assessor. To achieve the qualification students must be deemed competent in all units of competency.

Vocational Education and Training (VET) courses are offered as part of the Higher School Certificate (HSC) or Record of School Achievement (RoSA). VET courses are designed to deliver workplace-specific skills and knowledge and cover a wide range of careers and industries. VET courses for secondary students are developed by the NSW Educational Standards Authority (NESA) and are based on National Training packages.

VET courses allow students to gain both HSC or RoSA qualifications and a national qualification or a statement of attainment recognised throughout Australian as part of the Australian Qualification Framework (AQF). These qualifications are widely recognised by industry, employers and tertiary training providers and will assist students to move to various education and training sectors and employment.

Board Developed VET courses are classified as Category B subjects and ONLY ONE may contribute to the calculation of the Australian Tertiary Admission Rank (ATAR). These courses have an optional HSC examination. Students wishing to include a VET course in the ATAR calculation must sit the HSC examination after they have completed a minimum of 4 Preliminary and/or HSC units.

Board Developed VET courses have specified workplace requirement and include 70 hours of industry specific **mandatory work placement** or simulated workplace hours at school as specified by NESA.

Board Endorsed VET Courses count towards the HSC or RoSA but do not have HSC examinations and therefore do not count in the calculations of the ATAR. Some Board Endorsed VET Courses have mandatory industry specific work placement.

Assessment in all VET courses is competency based. The student is assessed on what they can do (the skills) and what they know (the knowledge) that will equip them in the workplace. Students who have successfully achieved competency will have the skills and knowledge to complete workplace activities in a range of different situations and environments, to an industry standard of performance expected in the workplace.

Competency-based assessment materials are designed to ensure each learner has achieved all the outcomes (skills and knowledge) to the level of the qualification. Competency-based training is based on performance standards that have been set by industry.

Students will receive documentation showing any competencies achieved for the VET course undertaken (Transcript).

Due to the specific requirements of a VET course it is recommended students speak to the VET Coordinator, VET Teacher or Careers Adviser before choosing the course to ensure they are fully aware of the requirements and that the course is suitable for their individual needs, knowledge and skills.

Course: <b>Construction</b> (240 indicative hours) Board Developed Course Number: <b>26201</b>		Total of 4 units of credit – Preliminary and/or HSC Category B status for Australian Tertiary Admission Rank (ATAR)	
The <b>CPC20211 Certificate II in Construction Pathways</b> is accredited for the HSC and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation.			
By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the <b>CPC08 Construction, Plumbing and Services Training Package</b> (Release 9.4) ( <a href="https://training.gov.au/Training/Details/CPC08">https://training.gov.au/Training/Details/CPC08</a> ). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.			
<b>CPC20122 Certificate II in Construction Pathways</b>		<b>Units of Competency</b>	
<b>6 Core</b> CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry CPCCCM1012A Work effectively and sustainably in the construction industry CPCCCM1013A Plan and organise work CPCCCM1013A Conduct workplace communication CPCCCM1015A Carry out measurements and calculations CPCCCM2001A Read and interpret plans and specifications <b>6 Electives</b> CPCCCA2002B Use carpentry tools and equipment-Group B		<b>6 Electives (cont.)</b> CPCCCA2011A Handle carpentry materials-Group B CPCCCM2006B Apply basic levelling procedures-Group H CPCCCO2013A Carry out concreting to simple forms-Group H CPCCJN2001A Assemble components-Group F CPCCJN2002B Prepare for offsite manufacturing processes-Group F <b>Additional units required to attain an HSC credential in this course</b> CPCCCA2003A Erect and dismantle formwork for footings and slabs on the ground CPCCCM2005B Use construction tools and equipment <b>#CPCCWHS1001</b> Prepare to work safely in the construction industry	
<b>#Successful completion CPCCWHS1001 Prepare to work safely in the construction industry will lead to a General Construction Induction Card (White Card) issued by SafeWork NSW. This is a legal requirement before entering a construction site across Australia.</b>			
Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.			
<b>Pathways to Industry</b> Skills gained in this course transfer to other occupations. Working in the construction industry involves:			
▪ communication	▪ problem-solving	▪ teamwork	▪ initiative and enterprise
<b>Examples of occupations in the construction industry</b>			
▪ Builder	▪ shopfitter and joiner	▪ bricklayer	
<b>Mandatory course requirements to attain an HSC credential in this course</b> Students must complete a minimum of 70 hours work placement over two years to practise and extend their learning.			
<b>Admission Requirements</b> To enrol in <b>CPC20211 Certificate II in Construction Pathways</b> , students require the physical ability to safely carry out manual activities such as lifting, carrying and shifting loads of materials and climbing, use construction tools and equipment and safely work with a variety of construction materials. This is an inherent skill requirement for the units of competency. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. There will be out of class homework, research activities, and assignments.			
<b>Competency-Based Assessment</b> Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. When a student achieves a unit of competency it is signed off by the assessor. <b>Complaints and Appeals</b> Students may lodge an appeal about assessment or any other decisions through the VET teacher. <b>Optional HSC examination for ATAR purposes</b> The optional Higher School Certificate Examination is independent of the competency based assessment undertaken during the course and has no impact of the eligibility of the student to receive this AQF qualification.			
<b>Course consumables: \$130 WhiteCard will be delivered by C. Pendergast cost included in course consumables</b> Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i> <b>Refunds:</b> Students who exit the course before completion may be eligible for a partial refund of fees. The amount of the refund will be pro-rata, dependent upon the time the student has been enrolled in the course. <i>Please discuss any matters relating to refunds with your school</i>			
<b>A school-based traineeship</b> is available in this course. For more information contact the school's Careers Adviser.			
<b>Exclusions:</b> VET course exclusions can be confirmed with the school.			

Course: <b>Hospitality</b> (240 indicative hours) Board Developed Course Number: <b>26511</b>		Total 4 of units of credit – Preliminary and/or HSC Category B status for Australian Tertiary Admission Rank (ATAR)	
The <b>SIT 20416 Certificate II in Kitchen Operations</b> is accredited for the HSC and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation.			
By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the <b>SIT Tourism, Travel and Hospitality</b> Training Package (Release 2) ( <a href="http://training.gov.au">http://training.gov.au</a> ). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.			
<b>SIT 20416 Certificate II in Kitchen Operations</b>		<b>Units of Competency</b>	
<b>8 Core</b> BSBWOR203 Work effectively with others SITXWHS001 Participate in safe work practices SITHCCC001 Use food preparation equipment SITHCCC005 Prepare dishes using basic methods of cookery SITHCCC011 Use cookery skills effectively SITHKOP001 Clean kitchen premises and equipment SITXFSA001 Use hygienic practices for food safety SITXINV002 Maintain the quality of perishable items		<b>5 Electives</b> SITHIND002 Source and use information on the hospitality industry SITXFSA002 Participate in safe food handling practices SITHCCC003 Prepare and present sandwiches SITHCCC002 Prepare and present simple dishes SITHCCC006 Prepare appetisers and salads <b>Additional units required to attain an HSC credential in this course</b> BSBSUS201 Participate in environmentally sustainable work practices	
Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.			
<b>Pathways to Industry</b> Skills gained in this course transfer to other occupations. Working in the hospitality industry involves:			
<ul style="list-style-type: none"> <li>Supporting and working with colleagues to meet goals and working in a team</li> </ul>		<ul style="list-style-type: none"> <li>Preparing menus, managing resources, preparing, cooking food and menus items</li> </ul>	
<b>Examples of occupations in the Hospitality Industry</b>			
<ul style="list-style-type: none"> <li>Breakfast cook</li> <li>Catering assistant</li> </ul>	<ul style="list-style-type: none"> <li>Fast food cook</li> <li>Sandwich hand</li> </ul>	<ul style="list-style-type: none"> <li>Takeaway food cook</li> <li>Trainee chef</li> </ul>	
<b>Mandatory course requirements to attain a HSC credential in this course</b> Students must complete a minimum of 70 hours work placement over two years to practise and extend their learning.			
<b>Admission Requirements</b> To enrol in <b>SIT 20416 Certificate II in Kitchen Operations</b> , students should be interested in working in a hospitality environment preparing and plating food to customers. They should be able to lift and carry equipment and use hand held and larger commercial kitchen equipment. This is an inherent skill requirement for the units of competency. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. Students may be required to participate in after-hours school events and functions. There will be out of class homework, research activities and assignments.			
<b>Competency-Based Assessment</b> Students in this course, work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as 'competent' or 'not yet competent' in individual units of competency. When a student achieves a unit of competency it is signed off by the qualified assessor. To achieve the qualification above, students must be deemed competent in all units. <b>Complaints and Appeals</b> Students may lodge an appeal about assessment or any other decisions through the VET teacher. <b>Optional HSC examination for ATAR purposes</b> The optional Higher School Certificate Examination is independent of the competency based assessment undertaken during the course and has no impact of the eligibility of the student to receive this AQF qualification.			
<b>Course consumables: \$130</b> Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i> <b>Refunds:</b> Students who exit the course before completion may be eligible for a partial refund of fees. The amount of the refund will be pro-rata, dependent upon the time the student has been enrolled in the course. <i>Please discuss any matters relating to refunds with your school</i>			
<b>A school-based traineeship and apprenticeship</b> is available in this course. For more information contact the school's Careers Adviser.			
<b>Exclusions:</b> VET course exclusions can be confirmed with the school.			

**Course:** Vocational Education and Training Courses delivered offsite by TAFE and other providers (EVET)

**Faculty:** Careers

Human Services and Electrotechnology are Board Developed Courses – Category B.  
Most other EVET courses are Board Endorsed Courses (non ATAR).

**1. Who should study EVET Courses at TAFE, Blue Mountains Health or associated colleges?**

Students

- with strong independent learning skills
- with a keen interest in the career area the course relates to
- who are prepared to undertake the travel to various locations
- who feel they would enjoy studying in an adult learning environment
- who want to include vocational training in their HSC program

**2. The study of EVET Courses** provides an additional opportunity for students to include some vocational education within their HSC program of study. All the courses are Australian Qualifications Framework (AQF) subjects and will be taught by TAFE teachers. As these courses are often scheduled at times that will clash with your school timetable, students may miss lesson time in some subjects. Individual arrangements with teachers of those subjects will need to be made. Students wishing to take one of these courses should realise they will need to travel to the College at their own expense and be prepared to possibly do the course at later hours than normal.

The Vocational Education Courses listed over are intended to be offered for study in 2012.

Please note carefully the time and delivery pattern of each course.

**Most EVET courses are Board Endorsed Courses and cannot contribute to a student's Australian Tertiary Admissions Rank (ATAR).**

**Exceptions are Framework Courses or the 2 year courses Human Services or Electro-technology.** A maximum of 2 units from these courses may be included in the calculation of the ATAR as a Category B course. ATAR eligible courses are marked on the attached course listing with a **P**.

**Separate application is required for these courses. Application forms will be available later this term.**

**3. What skills or previous studies are needed for this course?**

No previous studies are required. Students need strong independent learning skills and a genuine interest in the course.

Selection for these courses is competitive. Application forms will be included in the additional TVET application booklet available August.

**4. What type of assessment tasks would I be required to do?**

- \* Competency based assessment.
- \* TAFE based assessments including practical exercises and exam work.
- \* All framework courses include a work place learning component usually requiring a 40 hour (1 week) work placement.

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

Travel arrangements and costs between Winmalee High School and TAFE are the responsibility of the student.

**6. Prevocational skills likely to be gained from this course include:**

All units studied within any EVET course are Australian Qualification Framework (AQF) accredited. Successful completion of units will provide advanced standing in related accredited courses which may be undertaken post HSC.

**NB:** TVET study selected will be in addition to 12 units of compulsory study at school in Year 11 and 10 units in Year 12.

As EVET courses deliver one week's subject material in one afternoon, attendance each week is mandatory and takes precedence over school organisation, e.g. excursions, carnivals and exams. As a guide, students who miss 3 weeks of TAFE over the 36 weeks of the year could have their course deemed incomplete.

**If you are interested in enrolling in an EVET course, you will need to speak to the Careers Adviser, Mrs Ruskin for information on courses available next year and the application process.**

For more information about EVET course, visit the website: [www.wsi.tafensw.edu.au/courses-and-careers/tvet](http://www.wsi.tafensw.edu.au/courses-and-careers/tvet)



**Course:** Photography, Video and Digital Imaging  
2U BEC (1 Year)

**Faculty:** Visual Arts **Board Endorsed Course (Non ATAR)**

**1. Who should study Photography, Video and Digital Imaging?**

Photography, Video and Digital Imaging is available at Winmalee High School as a two unit course. This is offered as a one year course for Year 11. Students who have both creative/visual skills and technical skills would find this subject to be valuable as both a skill and a useful tool in life for their own creativity and personal photography. If students are interested in pursuing photography for further study, this is a good introductory course in the basics of photography.

**2. The study of Photography, Video and Digital Imaging** as a skill has career application in the Graphic Arts, Printing and Photography, Television, Film, Video and Multimedia industries, as well as scientific fields. The uses and application of photography is constantly growing and a keen and competent photographer has a very broad area of choice open to him/her. Apart from career opportunities, photography is a very rewarding hobby or interest at an individual level.

This course elective offers students the opportunity to develop skills in Photography & Digital Imaging including:

- Skills in the use of a Digital Single Lens Reflex Camera; settings and functions
- Skills in wet and digital photography to develop their technical capabilities
- Experiences in object and still life, portraiture and studio based photography
- Exposure to and study of a broad range of photographic artists, historical and contemporary
- Skills in analysing images to understand composition techniques and various effects used
- Film editing using Adobe Photoshop & Lightroom

As part of the course students may attend **excursions** or participate in **incursions** to broaden their knowledge of photographic practice and undertake specific **location shoots** to enhance techniques.

**3. What skills or previous studies are needed for this course?** No previous skills or studies are needed. An interest in the visual world and the ability to work independently is essential.

**4. What type of assessment tasks could I be required to do?** Assessment is internal. Assessments are weighted as follows: Making %70 Critical & Historical Studies %30. The major component of the course is practical, and all examinations are school assessed (not externally examined). This course is not examined by the NESA and cannot be included in calculations for an Australian Tertiary Admissions Rank (ATAR).

**5. What special equipment and materials will be needed to study this subject effectively and about how much will they cost?**

- a. A basic Digital SLR camera would be an advantage but is not essential. Nikon digital SLR cameras are available for student use at the school.
- b. Students need to pay a course consumable cost of \$100 per year. Consumable materials will be supplied to each student ONLY upon the payment of the course consumable cost. Students will be issued with items such as a journal, portfolio, folder, photographic paper, chemicals and mounting materials. Digital printing of student work is also included in the fees.

**6. Prevocational skills likely to be gained from this course include:**

- Design skills/Bachelor Design & Communications leads to Graphic Design qualification.
- Digital media design skills to work for companies on a variety of design projects.
- Advertising, Fashion and Graphic Design, Photography skills to extend at TAFE and at University



**Course:** Sport, Lifestyle and Recreation ( 2 unit – 1 year)

**Faculty:** PD/Health/PE

**Board Endorsed Course (Non ATAR)**

**1. Who should study Sport, Lifestyle and Recreation?**

Students who have a strong interest in Physical Activity, Exercise and Sport and want to learn about the elements of improving performance and sport management.

For students who wish to pursue a career in the areas of Personal Training, Coaching, Sport Administration and Sport Management, this course will give them specific qualifications in these fields. This may be offered as a one or 2 year course.

**2. The study of Sport, Lifestyle and Recreation.**

The course will consist of 3 – 6 modules. Each module will have an equal weighting towards final assessment.

Modules include:

Games and Sport Applications 1

Resistance Training

Athletics

Games and Sports Applications 2

Sports Administration

Sport Injuries

Students may have the opportunity to be accredited in one or more of the following:

\* Level 1 Coaching Certificate – *Australian Sports Commission*

\* Level 1 Athletics Officials

\* Level 0 and Level 1 in Strength and Conditioning – *Australian Strength and Conditioning Association*

\* Level 1 Sport Trainer – *Sports Medicine Australia*

**3. What skills or previous studies are needed for this course?**

It is not necessary for students to be highly skilled or have previous experience in any particular area. The course is very hands on, with many components taking on a practical application. It is expected that students have an interest in the area of sport and fitness.

**4. What type of assessment tasks could I be required to do?**

Assessment comprises of: oral presentations, research reports, demonstrating correct lifts in resistance training, officiating at Cross Country and Athletics carnivals, exams.

**5. What special equipment and materials will be needed to study this subject effectively and how much will they cost?**

Using outside facilities for practical applications may be necessary. Costs will include the payment for accreditation of various qualifications.

**6. Can this course provide me with Advanced Standing at TAFE?**

Yes. Successful completion of this course can give you Advanced Standing in related TAFE courses. See the School Careers Adviser for further advice.

**7. Prevocational skills likely to be gained from this course include:**

- Design, implement and evaluate fitness programs;
- Proficiency in used of technology to measure and monitor fitness and in administering sporting events;
- Planning and organising activities. Leading coaching sessions and organising in-school competitions.

## CATEGORY A COURSES

Course number	Course name	Unit value	Subject area
15000	Aboriginal Studies	2	Aboriginal Studies
15010	Agriculture	2	Agriculture
15020	Ancient History	2	Ancient History
15280	HSC History Extension <sup>1</sup>	1	Ancient History
15030	Biology	2	Biology
15040	Business Studies	2	Business Studies
15050	Chemistry	2	Chemistry
15060	Community and Family Studies	2	Community and Family Studies
15070	Dance	2	Dance
15080	Design and Technology	2	Design and Technology
15090	Drama	2	Drama
15100	Earth and Environmental Science	2	Earth and Environmental Science
15110	Economics	2	Economics
15120	Engineering Studies	2	Engineering Studies
15150	English as a Second Language (ESL)	2	English
15130	English (Standard)	2	English
15140	English (Advanced)	2	English
15180	HSC English Extension 1	1	English
15170	HSC English Extension 2	1	English
15180	Food Technology	2	Food Technology
15190	Geography	2	Geography
15200	Industrial Technology	2	Industrial Technology
15210	Information Processes and Technology	2	Information Processes and Technology
15220	Legal Studies	2	Legal Studies
15235	Mathematics General 2	2	Mathematics
15240	Mathematics	2	Mathematics
15250	HSC Mathematics Extension 1 <sup>4</sup>	1/2	Mathematics
15260	HSC Mathematics Extension 2	1	Mathematics
15270	Modern History	2	Modern History
15280	HSC History Extension <sup>1</sup>	1	Modern History
15290	Music 1 <sup>2</sup>	2	Music
15300	Music 2 <sup>2</sup>	2	Music
15310	HSC Music Extension <sup>3</sup>	1	Music
15320	Personal Development, Health and Physical Education (PDHPE)	2	Personal Development, Health and Physical Education
15330	Physics	2	Physics
15340	Senior Science	2	Senior Science
15350	Society and Culture	2	Society and Culture
15360	Software Design and Development	2	Software Design and Development
15370	Studies of Religion I <sup>4</sup>	1	Studies of Religion
15380	Studies of Religion II <sup>4</sup>	2	Studies of Religion
15390	Textiles and Design	2	Textiles and Design
15400	Visual Arts	2	Visual Arts

### Languages

15500	Arabic Beginners	2	Arabic
15510	Arabic Continuers	2	Arabic
15520	HSC Arabic Extension	1	Arabic
15530	Armenian Continuers	2	Armenian
15540	Chinese Beginners	2	Chinese
15550	Chinese Continuers	2	Chinese
15555	Heritage Chinese	2	Chinese
15560	Chinese Background Speakers	2	Chinese
15570	HSC Chinese Extension	1	Chinese
15580	Classical Greek Continuers	2	Classical Greek
15590	HSC Classical Greek Extension	1	Classical Greek
15600	Classical Hebrew Continuers	2	Classical Hebrew
15610	HSC Classical Hebrew Extension	1	Classical Hebrew
15620	Croatian Continuers <sup>4</sup>	2	Croatian

Course number	Course name	Unit value	Subject area
15640	Dutch Continuers	2	Dutch
15680	Filipino Continuers	2	Filipino
15670	French Beginners	2	French
15680	French Continuers	2	French
15690	HSC French Extension	1	French
15700	German Beginners	2	German
15710	German Continuers	2	German
15720	HSC German Extension	1	German
15730	Hindi Continuers	2	Hindi
15740	Hungarian Continuers	2	Hungarian
15750	Indonesian Beginners	2	Indonesian
15780	Indonesian Continuers	2	Indonesian
15785	Heritage Indonesian	2	Indonesian
15770	Indonesian Background Speakers <sup>5</sup>	2	Indonesian
15780	HSC Indonesian Extension	1	Indonesian
15790	Italian Beginners	2	Italian
15800	Italian Continuers	2	Italian
15810	HSC Italian Extension	1	Italian
15820	Japanese Beginners	2	Japanese
15830	Japanese Continuers	2	Japanese
15835	Heritage Japanese	2	Japanese
15840	Japanese Background Speakers	2	Japanese
15850	HSC Japanese Extension	1	Japanese
15860	Khmer Continuers	2	Khmer
15880	Korean Continuers	2	Korean
15885	Heritage Korean	2	Korean
15890	Korean Background Speakers	2	Korean
15900	Latin Continuers	2	Latin
15910	HSC Latin Extension	1	Latin
15940	Macedonian Continuers <sup>4</sup>	2	Macedonian
15950	Malay Background Speakers <sup>5</sup>	2	Malay
15960	Maltese Continuers	2	Maltese
15970	Modern Greek Beginners	2	Modern Greek
15980	Modern Greek Continuers	2	Modern Greek
15990	HSC Modern Greek Extension	1	Modern Greek
16000	Modern Hebrew Continuers	2	Modern Hebrew
16010	Persian Background Speakers	2	Persian
16020	Polish Continuers	2	Polish
16030	Portuguese Continuers	2	Portuguese
16045	Russian Continuers	2	Russian
16050	Serbian Continuers <sup>4</sup>	2	Serbian
16070	Spanish Beginners	2	Spanish
16080	Spanish Continuers	2	Spanish
16090	HSC Spanish Extension	1	Spanish
16100	Swedish Continuers	2	Swedish
16110	Tamil Continuers	2	Tamil
16120	Turkish Continuers	2	Turkish
16130	Ukrainian Continuers	2	Ukrainian
16140	Vietnamese Continuers	2	Vietnamese

- English Studies – students who complete the Stage 6 Content Endorsed course English Studies are not eligible for an ATAR.
- Mathematics General 1 – this is a Content Endorsed course and is therefore not available for inclusion in the ATAR.
- HSC-University Pathways program – courses studied under the HSC-University Pathways program do not contribute to the ATAR.

## CATEGORY B COURSES

Course number	Course name	Unit value	Subject area	Course number	Course name	Unit value	Subject area
26087	Automotive Examination (Vehicle Body) <sup>6, 10</sup>	2	Automotive <sup>7</sup>	27385	Information and Digital Technology Examination (Digital Animation) <sup>6, 10</sup>	2	Information and Digital Technology <sup>7</sup>
26089	Automotive Examination (Mechanical Technology) <sup>6, 10</sup>	2	Automotive <sup>7</sup>	27387	Information and Digital Technology Examination (Networking and Hardware) <sup>6, 10</sup>	2	Information and Digital Technology <sup>7</sup>
26199	Business Services Examination <sup>8</sup>	2	Business Services <sup>7</sup>	27389	Information and Digital Technology Examination (Web and Software Applications) <sup>8</sup>	2	Information and Digital Technology <sup>7</sup>
26299	Construction Examination <sup>8</sup>	2	Construction <sup>7</sup>	26799	Metal and Engineering Examination <sup>8</sup>	2	Metal and Engineering <sup>7</sup>
26399	Electrotechnology Examination <sup>8</sup>	2	Electrotechnology <sup>7</sup>	17195	Primary Industries Examination <sup>8</sup>	2	Primary Industries <sup>7</sup>
26499	Entertainment Industry Examination <sup>8</sup>	2	Entertainment Industry <sup>7</sup>	26999	Retail Services Examination <sup>8</sup>	2	Retail Services <sup>7</sup>
27299	Financial Services Examination <sup>8</sup>	2	Financial Services <sup>7</sup>	27499	Tourism, Travel and Events Examination <sup>8, 9</sup>	2	Tourism <sup>7</sup>
26587	Hospitality Examination (Kitchen Operations and Cookery) <sup>6, 10</sup>	2	Hospitality <sup>7</sup>				
26589	Hospitality Examination (Food and Beverage) <sup>6, 10</sup>	2	Hospitality <sup>7</sup>				
27199	Human Services Examination <sup>8</sup>	2	Human Services <sup>7</sup>				

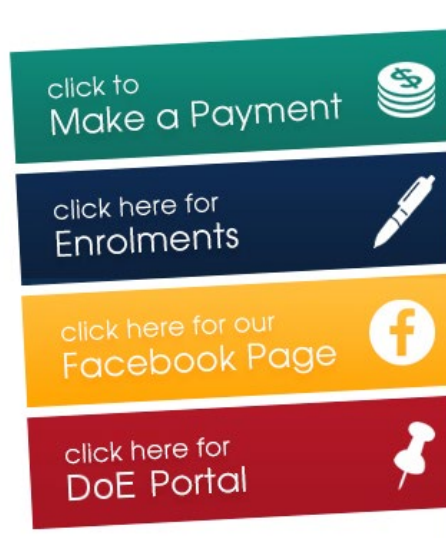
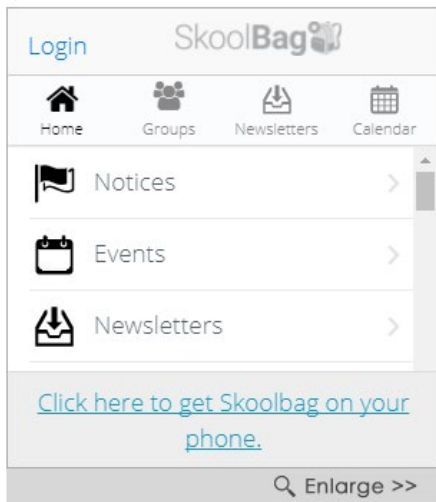
### Notes

- You can study both Ancient History and Modern History, but there is only one HSC History Extension course. It is considered a course within the subject of either Modern History or Ancient History.
- You must study Music 2 if you wish to study HSC Music Extension.
- You may study either Studies of Religion I or Studies of Religion II, but not both.
- You may study only one of the following languages: Croatian, Macedonian or Serbian.
- A student can only count either Malay Background Speakers or Indonesian Background Speakers in their pattern of study.
- These are 240-hour Vocational Education and Training (VET) courses. An optional written examination is offered for the HSC. If you want the results from these courses to be available for inclusion in the calculation of your ATAR, subject to the ATAR rules, you must undertake the optional written examination.
- Other courses are available in these VET subject areas. They are not available for inclusion in the calculation of the ATAR as there is no graded assessment in the courses. The courses range from 120-indicative-hour courses to 60- or 120-indicative-hour extension courses. Specialist studies are also available in some subject areas. For further information, check with your school or the BOSTES website at [www.bostes.nsw.edu.au](http://www.bostes.nsw.edu.au).
- HSC Mathematics Extension 1 – the unit value of this course changes depending on whether the course is taken in combination with Mathematics or HSC Mathematics Extension 2, as follows:
  - Mathematics (2-unit) + HSC Mathematics Extension 1 (1-unit)
  - HSC Mathematics Extension 1 (2-unit) + HSC Mathematics Extension 2 (2-unit).
- Tourism, Travel and Events will be examined for the first time in 2015. It has been categorised as a Category B course.
- From 2015, some Category B courses have been split into separate streams. Course numbers 26087 and 26089 replace 26099 Automotive Examination; 26587 and 26589 replace 26599 Hospitality Examination; and 27385, 27387, 27389 replace 27399 Information and Digital Technology Examination. See above table for course details.



# Online Subject Selection Instructions

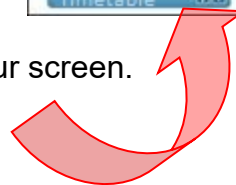
Go to our Winmalee High school website and click on the **DoE Portal**



Log into your email account



Click on the **Timetable** link at the bottom left of your screen.



Your Timetable will be displayed and follow the instructions over the page.....

INSTRUCTIONS

SCREENSHOT | CLARIFICATION

Once a student logs in to their Student Portal account and selects the timetable link on the bottom left-hand side of the screen, they will see their current timetable displayed.

The timetable can be viewed for each day of the cycle. Changes made in Extras, such as teacher and rooms, will reflect for the current day.

Timetable will be highlighted in blue for the current day and time.

student portal

Select Day of the week  
Monday A Tuesday A Wednesday A Thursday A Friday A Monday B Tuesday B Wednesday B **Thursday B** Friday B

Timetable for Thursday B

Period Time	Period	Room Number	Room	Subject	Teacher
8:15 AM to 8:40 AM	Before School Duty				
8:40 AM to 9:00 AM	Roll Call				
9:00 AM to 9:54 AM	P1				
9:54 AM to 10:48 AM	P2				
10:48 AM to 11:18 AM	Recess				
11:18 AM to 12:12 PM	P3				
12:12 PM to 1:06 PM	P4				
1:06 PM to 1:36 PM	Lunch				
1:36 PM to 2:30 PM	P5				
2:30 PM to 3:00 PM	After School Duty				

Open Subject Selection

### Step 1

Click on **Open Subject Selection**.

1:06 PM to 1:36 PM

1:36 PM to 2:30 PM

2:30 PM to 3:00 PM

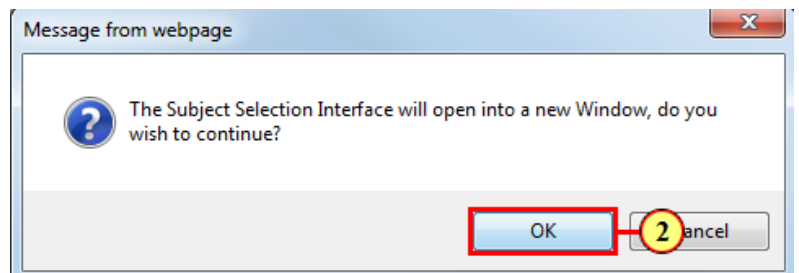
Open Subject Selection

1

### Step 2

A pop-up message will display.

Click on **OK** to open the **Subject Selection Interface** page.



**Note:** Guidelines will display at the top of the page.

**Note:** Total units will accumulate, excluding reserves as the student enters choices.

## Subject Selection Choices

Year 11 Subject Selections (Select between 6 and 8 subjects)

### Guidelines:

Please use the following URL for Advice about choosing HSC courses:

<http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/subject-selection>

Meeting HSC eligibility requirements

You must satisfactorily complete:

- a Preliminary pattern of study that includes at least 12 units
  - an HSC pattern of study that includes at least 10 units.
- Both patterns of study must include at least:
- 6 units of Board Developed Courses
  - 2 units of a Board Developed Course in English, or English Studies
  - 3 courses of 2 or more units (either Board Developed or Board Endorsed Courses)
  - 4 subjects.

### Selecting Extension Courses

- Students selecting English Extension must also select English Advanced
- Students selecting Maths Extension must also select Mathematics

Total units selected = 0

## INSTRUCTIONS

**Note:** Student makes choices, following the parameters provided.

*(The list shown on the right is an example only and the not all subjects offered at Winmalee)*

## SCREENSHOT | CLARIFICATION

English (Select 1 subject) 1 subjects selected		Main Choice (Select 5 subjects) 3 subjects selected		Extension (Select between 0 and 2 subjects) 0 subjects selected	
Priority	Subject	Priority	Subject	Priority	Subject
1	11 English Advanced (Category A, Score 2)		11 Agriculture - \$40 (Category A, Score 2)		11 English Extension (Category A, Score 1)
	11 English Standard (Category A, Score 2)	1	11 Ancient History (Category A, Score 2)		11 Maths Extension (Category A, Score 1)
	11 English as a Second Language (Category A, Score 2)		11 Biology (Category A, Score 2)		
	11 English Studies (Category NA, Score 2)		11 Business Studies (Category A, Score 2)		
			11 Chemistry (Category A, Score 2)		
			11 Economics (Category A, Score 2)		
			11 Earth and Environmental Science (Category A, Score 2)		
			11 Engineering Studies (Category A, Score 2)		
			11 Investigating Science (Category A, Score 2)		
			11 Industrial Technology Timber (Category A, Score 2)		
			11 Legal Studies (Category A, Score 2)		
		2	11 Mathematics (Category A, Score 2)		
		5	11 Modern History (Category A, Score 2)		
			11 Mathematics Standard (Category A, Score 2)		
			11 Music 1 (Category A, Score 2)		
			11 PDHPE (Category A, Score 2)		
			11 Physics (Category A, Score 2)		
			11 Sport Lifestyle and Recreation (Category NA, Score 2)		
			11 Visual Arts		

### Reserve Choices

(Select 2 subjects)  
0 subjects selected

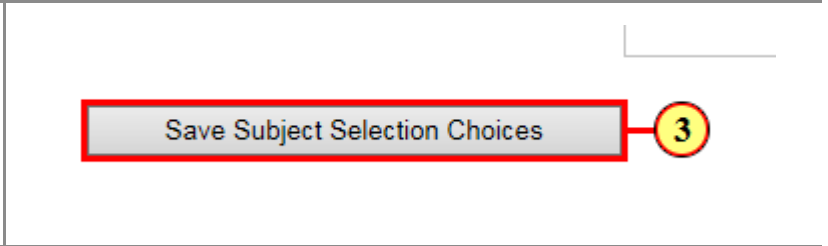
Priority	Subject
	11 Agriculture - \$40 (Main Choice) (Category A, Score 2)
	11 Ancient History (Main Choice) (Category A, Score 2)
	11 Biology (Main Choice) (Category A, Score 2)
	11 Business Studies (Main Choice) (Category A, Score 2)
	11 Chemistry (Main Choice) (Category A, Score 2)
	11 Economics (Main Choice) (Category A, Score 2)
	11 Earth and Environmental Science (Main Choice) (Category A, Score 2)
	11 Engineering Studies (Main Choice) (Category A, Score 2)
	11 Investigating Science (Main Choice) (Category A, Score 2)
	11 Industrial Technology Timber (Main Choice) (Category A, Score 2)
	11 Legal Studies (Main Choice) (Category A, Score 2)
	11 Mathematics (Main Choice) (Category A, Score 2)
	11 Modern History (Main Choice) (Category A, Score 2)
	11 Mathematics Standard (Main Choice) (Category A, Score 2)
	11 Music 1 (Main Choice) (Category A, Score 2)
	11 PDHPE (Main Choice) (Category A, Score 2)
	11 Physics (Main Choice) (Category A, Score 2)
	11 Sport Lifestyle and Recreation (Main Choice) (Category NA, Score 2)
	11 Visual Arts (Main Choice)

*(The list shown on the right is an example only and the not all subjects offered at Winmalee)*

INSTRUCTIONS	SCREENSHOT   CLARIFICATION
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**Step 3**

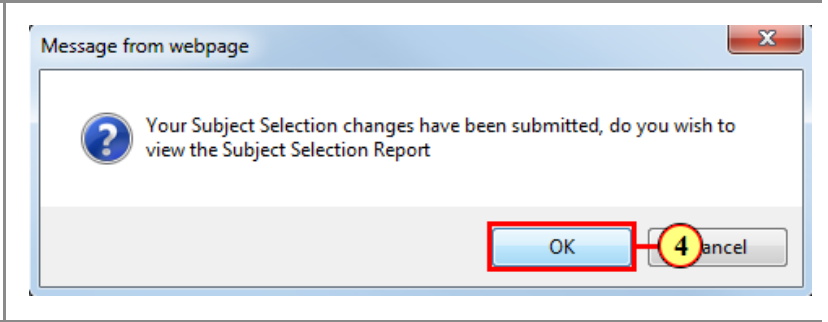
Once complete, student should click on **Save Subject Selection Choices**.



**Step 4**

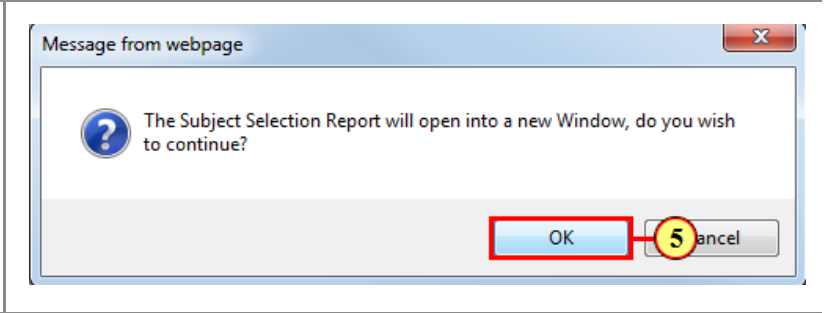
A pop-up message will display.

Click on **OK** to view the **Subject Selection Report**.



**Step 5**

Click on **OK** to confirm the report will open in a new window.



**Note:** Students' choices are displayed, including **Score** and **Category**. The **Total Score** excludes reserve choices.

Subject Selection Approval Form [Barcode]

Year 11 Subject Selections		Score	Category	Preference
English	11 English Advanced	2	A	1
Main Choice	11 Ancient History	2	A	1
Main Choice	11 Mathematics	2	A	2
Main Choice	11 Modern History	2	A	3
Main Choice	11 Music 1	2	A	5
Main Choice	11 Information and Digital Technology (VET)	2	B	4
Extension	11 Maths Extension	1	A	1
Reserve Choice	11 Agriculture - B40 (Main Choice)	2	A	2
Reserve Choice	11 Biology (Main Choice)	2	A	1
<b>Total Score (excluding reserves):</b>		13		

**Note:** Provision for a **Parent/Guardian Signature** and **Date** is at the bottom. The **Guidelines** also display.

This can be printed signed by a parent and returned to the school office.

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Guidelines:**  
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