THE JANNALI HIGH SCHOOL

PRELIMINARY 2017
HSC 2018

SUBJECT SELECTION
INFORMATION BOOKLET

‘the place to succeed’
The HSC @
THE JANNALI HIGH SCHOOL

The Higher School Certificate is the culmination of 13 years of schooling. At The Jannali High School we offer you a full range of subjects to cater for individual abilities, interests and goals.

There are many different subjects and courses from which to choose. We speak in terms of units. There are:

- 2 unit and extension courses

Two units means 7 periods

We expect you, as a senior student, to have a sense of responsibility towards your own education. We expect you to organise your time so that you are up-to-date in all your subjects. We expect you to research independently and be able to write in a variety of ways, including essays.

You can choose different types of subjects:

1. **Board Developed Courses** (BDC’s) are developed by the Board of Studies. They are used in the calculation of the Australian Tertiary Admission Rank (ATAR). Note: They are usually 2 unit courses and extension courses. You must complete at LEAST 6 units of Board Developed Courses to be eligible for your HSC.

2. **Framework Vocational Education and Training (VET) Courses** are available in a number of areas. These offer accreditation through the relevant RTO system as well as the HSC and require students to participate in work placement. These are 2 unit courses and contribute towards your ATAR (if you sit the HSC examination in the subject).

3. **Board Endorsed Courses** are not used in ATAR calculation.

The Australian Tertiary Admission Rank (ATAR)

In order to be eligible to be accepted into a University, students must carefully select their subject pattern. The University entrance qualification, the Australian Tertiary Admission Rank, is calculated from a student’s results in 10 units of Board Developed Courses including at least 2 units of English (excluding English Studies). No more than 2 units of Category B subjects (see list on Subjects page) can be counted.

The index is calculated by the Universities from information supplied to them by the Board of Studies and is a rank from 0.00 TO 99.95. ATAR cut offs are used to determine which students gain entrance to which university course.

Only students who intend to go to University after their HSC need an ATAR. The ATAR is a rank (not a mark) that indicates a student’s position.

Details of ATAR requirements can be found in the Universities Admissions Centre Handbook or on the UAC website at www.uac.edu.au.
WHAT ADVANTAGES WILL THE HSC GIVE YOU?

- better employment prospects. Most employers expect applicants to have at least 12 years of schooling
- wider career choice
- opportunities to enter tertiary education at a higher level
- increased knowledge, skills and experience
- increased maturity and confidence when dealing with other people
- better communication skills – oral and written
- a greater sense of self-esteem, satisfaction and achievement

HOW DO YOU CHOOSE YOUR SUBJECTS?

There are several key considerations for you:

**ABILITIES**
Choose subjects in which you are capable of doing well.

**INTERESTS**
Choose subjects that interest you.

**MOTIVATION**
Choose subject areas that you want to study.

**CAREER ASPIRATIONS and NEEDS**
Be realistic about your career choices and about your subject choices.

In choosing your subjects, it is recommended you talk to some or all of the following people who can help you decide:

- Careers Adviser
- Class Teacher
- Head Teacher
- Year Adviser
- Parents / and/or members of your family

CAN YOU CHANGE SUBJECTS?

It is possible, under certain circumstances, to change subjects. It involves a significant increase in your workload to catch up. Be realistic with your choices – if you enjoy and are experiencing success in a subject in Year 10 then this is a good basis on which to choose HSC subjects.

THERE ARE NO EASY OPTIONS! There is a big workload in ALL courses.
SUMMARY OF CURRICULUM REQUIREMENTS
FOR THE 2018 HIGHER SCHOOL CERTIFICATE

To be eligible for the award of the Higher School Certificate, you need to:

1. be enrolled at a NSW government or registered school;
2. study a permitted combination of courses;
3. complete the requirements for each course, including any necessary practical or project work;
4. complete assessment tasks in both the Preliminary (Year 11) and HSC courses;
5. sit for, and make a genuine attempt at, all required examinations.

ENGLISH is the ONLY compulsory Preliminary and HSC subject.

To be eligible for the award of an HSC you must SATISFACTORILY COMPLETE at least 12 units in your Preliminary pattern of study and at least 10 units in your HSC study pattern.

BOTH study patterns must include:

- at least 6 UNITS of Board Developed courses
- at least 2 UNITS of a Board Developed Course in English
- at least 3 COURSES of 2 unit value or greater
- at least 4 SUBJECTS
- No more than 1 “Industrial Technology” (IT) subject

You may NOT count more than 6 units of Science courses towards the minimum units required in the Preliminary or HSC courses.

In the Preliminary pattern, Senior Science may not be studied in combination with Biology, Chemistry or Physics.

SCHOOL-BASED ASSESSMENT and the HSC EXAMINATION

You are required to complete school-based assessment tasks for HSC and Preliminary courses. School-based assessment counts for 50% of your overall mark in each course and is reported on your HSC Record of Achievement. School-based assessment tasks are designed to measure performance in a wider range of outcomes than may be tested in an examination.
Assessment tasks may include:

- TESTS
- WRITTEN ASSIGNMENTS
- ORAL ASSIGNMENTS
- PRACTICAL ACTIVITIES/ SUBMISIIONS
- FIELDWORK
- RESEARCH

In Vocational Education courses, you will be assessed on your competency in performing work-related tasks. This assessment counts towards your VET qualification but not towards an HSC mark.

Most examinations for the HSC are written examinations that are held in October and November each year. You may be required to also undertake performance-based examinations or submit a practical piece of work depending on your subject pattern. Examinations are marked by carefully chosen expert markers. Closely supervised procedures are maintained to ensure accuracy and security.

The result of each HSC course satisfactorily completed appears on the HSC Record of Achievement. Results of Board Developed Courses are recorded under the following headings on the Record of Achievement.

- The **Assessment Mark** is the moderated mark awarded for your assessment tasks at school.
- The **Examination Mark** is the mark awarded for the external examination.
- The **HSC Mark** is the average of the examination mark and the assessment mark.
- The **Performance Band** shows your level of achievement in the course.

All subjects will have between three and five assessment tasks in the Preliminary course.

The Preliminary course concludes with formal examinations at the end of Term 3. These exams, together with performance in assessment tasks, classroom performance and diligence in learning, will serve as information for a teacher’s judgement as to whether the student has satisfactorily completed the Preliminary course. Students who do not satisfactorily complete a Preliminary course will be unable to commence the Higher School Certificate in that course.

The HSC course commences at the beginning of Term 4 for Year 11.
WHAT ARE CATEGORY B COURSES?

The universities categorise Board Developed Courses as either Category A or Category B. **No more than 2 units of Category B courses can be included in the calculation of your ATAR.**

The following courses are Board Developed Category B courses and all have examinations:

- Automotive
- Business Services
- Construction
- Electrotechnology
- Entertainment Industry
- Financial Services
- Human Services
- Information and Digital Technology
- Metal and Engineering
- Primary Industries
- Retail Services
- Hospitality
- Tourism, Travel and Events

**Notes:**

1. These courses are all Board Developed courses.

2. These are 240-hour Vocational Education and Training (VET) courses. An optional written examination is offered for the HSC. If students want the results from these courses to be included in the calculation of their ATAR, they must undertake the optional written examination.
VOCATIONAL EDUCATION & TRAINING (VET) @ THE JANNALI HIGH SCHOOL

VET in school prepare students for the workforce by providing industry recognised skills in a range of industry trade areas. The following Board Developed Vocational Education courses are offered for the Higher School Certificate program:

- SIT20312 Certificate II in Kitchen Operations
- CPC20211 Certificate II in Construction Pathways

VET courses include mandatory work placement and involve competency-based assessment of skills and knowledge. The courses also include a HSC examination for those students who wish to gain an ATAR for university entrance. The courses are delivered by appropriately qualified and trained teachers and require students to have access to industry standard equipment and resources.

The Vocational Education and Training courses count towards a HSC program of study, and lead to a nationally recognised qualification. These qualifications are recognised by industry and by other registered training organizations.

**Australian Qualifications Framework (AQF)**

The Australian Qualification Framework (AQF) covers qualifications issued by secondary schools, vocational education and training (VET) providers and higher education institutions. All qualifications are nationally recognised. Within the framework, there are six vocational education and training qualifications available: Certificates I, II, III and IV; Diploma; Advanced Diploma; Vocational Graduate Certificate and Vocational Graduate Diploma.

Training Packages specify the combination of competency standards required to achieve a particular qualification. Learners who complete some, but not all, standards for a qualification are awarded a statement of attainment. When they are assessed as competent in the remaining standards, they get the qualification.

**Student Work Placement**

Work placement (70 Hours) is a mandatory HSC requirement within the VET frameworks and appropriate hours have been assigned to each course. Learning in the workplace enables students to:

- progress towards the achievement of industry competencies;
- develop appropriate attitudes towards work;
- learn a range of behaviours appropriate to the industry;
- practise skills acquired in the classroom or workshop;
- develop additional skills and knowledge, including the key competencies.

**Competency-based assessment**

The courses within the VET frameworks are competency-based courses. The purpose of assessment is to judge competence on the basis of performance against the performance criteria set out under each element of competency.

A participant is judged either ‘competent’ or ‘not yet competent’. This judgment is made on the basis of a range of evidence. Assessment of competence involves the assessment of skills and knowledge combined.
# Career Planning

<table>
<thead>
<tr>
<th>Are you a student who …</th>
<th>Then you should …</th>
</tr>
</thead>
<tbody>
<tr>
<td>• wants to go to university</td>
<td>• select a program of study which makes you eligible for ATAR</td>
</tr>
<tr>
<td>• needs university training for your chosen career</td>
<td>• select subjects recommended for your university course</td>
</tr>
<tr>
<td>• wants to maximise your ATAR</td>
<td>• do extracurricular activities to support scholarship applications</td>
</tr>
<tr>
<td>• knows you can do it if you work hard</td>
<td>• apply for university in Term 3 of Year 12</td>
</tr>
<tr>
<td>• wants mainly academic subjects</td>
<td>• select subjects and levels which will maximise your ATAR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Are you a student who …</th>
<th>Then you should …</th>
</tr>
</thead>
<tbody>
<tr>
<td>• wants to gain post HSC qualifications</td>
<td>• select a program of study which makes you eligible for aATAR</td>
</tr>
<tr>
<td>• wants to go onto further education or training</td>
<td>• apply for university, TAFE and private training providers in Term 3 of Year 12</td>
</tr>
<tr>
<td>• knows you may have the ability to go to university but is not sure you want to</td>
<td>• select subjects which are recommended for your tertiary training</td>
</tr>
<tr>
<td>• wants to keep all your options open</td>
<td>•</td>
</tr>
<tr>
<td>• wants to also consider TAFE or private providers</td>
<td>•</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Are you a student who …</th>
<th>Then you should …</th>
</tr>
</thead>
<tbody>
<tr>
<td>• wants to get a good HSC</td>
<td>• select subjects which are recommended in your career path</td>
</tr>
<tr>
<td>• wants to get a job with a career path and good money</td>
<td>• include some Maths, vocational subjects attracting dual credentialing (VET and/or TAFE), some interest subjects</td>
</tr>
<tr>
<td>• wants TAFE or work-based training</td>
<td>• apply for TAFE and private training providers in Term 3 Year 12</td>
</tr>
<tr>
<td>• wants a head start on vocational training with a national credential</td>
<td>• apply for traineeships and apprenticeships</td>
</tr>
<tr>
<td>• wants a mix of interest and vocational subjects</td>
<td>•</td>
</tr>
<tr>
<td>• knows you don’t want to go to uni</td>
<td>•</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Are you a student who …</th>
<th>Then you should …</th>
</tr>
</thead>
<tbody>
<tr>
<td>• doesn’t know what type of career you want</td>
<td>• select subjects you like, have an interest in and are good at</td>
</tr>
<tr>
<td>• doesn’t know what you want to do after the HSC</td>
<td>• include vocational subjects attracting dual credentialing, some TAFE courses, interest subjects</td>
</tr>
<tr>
<td>• knows a good HSC is the key to a better future</td>
<td>• keep your options open</td>
</tr>
<tr>
<td>• wants a mix of subjects you like and are good at</td>
<td>• actively participate in transition, career and exit planning</td>
</tr>
<tr>
<td>• knows you don’t want to go to uni</td>
<td>•</td>
</tr>
</tbody>
</table>
CAREER AND SUBJECT CHOICE

How can I choose subjects if I don’t know what I want to do after I leave school?

You must be prepared to do some research and to think about what broad areas of interest you already have. For instance, you may like to read scientific magazines or solve mathematical problems. Perhaps you have a passion for writing stories or designing things. You may be interested in the environment or assisting people with their problems by being a good listener. Don’t be worried if you don’t know exactly what career you want to do. There is plenty of time to choose and you will probably change your mind many times before you find the right career for you.

Useful Websites:

✓ The School’s career website at www.thejannalicareers.com
✓ the website www.jobjump.com.au with password: sheep

These are all useful career tools to help you investigate possible future careers. See the Careers Adviser for further guidance and advice.

What should I do if I am not going to do further study after the HSC?

Whether you choose full-time employment, a traineeship or an apprenticeship, you still need to achieve good results and positive comments on your report to be competitive. Interest, ability and past performance provide a sound basis for selection.

What levels should I do?

You should do the highest level that you are capable of doing. You must be guided by your teachers as to the level of difficulty that is appropriate for you. **Don’t just take the easy way out; you have decided to do the HSC, so make the most of it.**
MATHEMATICS COURSE PREREQUISITE BEGINNING IN 2019 @ UNIVERSITY OF SYDNEY

The University of Sydney will become the first university in NSW to require Year 12 students to have completed HSC Mathematics (not General) to meet the requirements for admission to a number of its courses from 2019.

The University is introducing a Mathematics course prerequisite for some of its courses to help students thrive in their science, technology, engineering and mathematics (STEM) related degrees and to prepare them to tackle future career challenges.

Some undergraduate degrees in the faculties of Arts and Social Sciences, Business, Education and Social Work, Engineering and Information Technologies, Law, Music, Pharmacy, Science and Veterinary Science will require a Mathematics course prerequisite, effective from Semester 1, 2019.

In total there are 69 courses that will require a Mathematics prerequisite.

For a full list of degrees, visit: sydney.edu.au/study/maths.html

To meet the requirements for admission to a course, students will need to have the relevant Australian Tertiary Admission Rank (ATAR) and achieve a minimum Band 4 in the NSW Higher School Certificate (HSC) in Mathematics.

In the future it is highly likely that other universities will also follow this trend and require prerequisites for their courses.

Requirements for teaching in NSW schools

For registration as a teacher in NSW schools, graduates will need to meet requirements set out by the Board of Studies, Teaching and Educational Standards (BOSTES). There is an expectation that students entering teaching programs will have achieved a minimum of three Band 5’s, one of which must be English, in their HSC. Other approved pathways for students who do not meet this requirement are available. In addition, teaching students will need to pass national literacy and numeracy tests before graduation.
UNIVERSITY ENTRY REQUIREMENTS FOR 2019

The following information is provided to assist Year 10 students to choose HSC subjects. A booklet can be purchased from the UAC shop on UAC’s website at www.uac.edu.au for $6.00 called University Entry Requirements 2019 for Year 10 students.

Architecture / Building / Design & Planning
Students intending to undertake courses in these areas are advised to study two or more units of mathematics (not General Mathematics). A general background in science, particularly physics, may be helpful but is not essential. Visual Arts or Industrial Technology may also be useful.

Arts / Humanities
Degree programs in arts and liberal studies do not usually require a particular program of study at secondary school. The study of English is required by some institutions and recommended for all students in this field – check the institution entries for details. If you wish to study a language other than English as your major subject, however, you are advised to include the language of your choice in your HSC program although in many cases you will be able to take introductory language courses that do not require prior study.

Business/Commerce/Economics/Marketing/Management
Courses in accounting, banking, econometrics, economics, finance, management and marketing may require at least two units of mathematics (not General Mathematics) as either a pre-requisite or assumed knowledge.

HSC Economics or Business Studies are considered a useful, but not essential, preparation for courses in these areas.

Students wishing to undertake actuarial studies at tertiary level generally require HSC Mathematics Extension 1 or HSC Mathematics Extension 2 as a pre-requisite.

Communications / Media Studies
Most of these courses do not require a particular course of study at secondary school. Some institutions recommend the study of English in preparation for communication and media courses – check the institution entries for details. In addition to the ATAR, some institutions may require you to complete a questionnaire and/or attend an interview.

Creative and Performing Arts
Students intending to undertake studies in these areas are advised to gain experience outside the school environment. Entry to most of these courses requires an audition, interview or portfolio (or a combination of these) as well as a suitable ATAR. The study of Visual Arts, Dance, Drama, Music 1, Music 2 or HSC Music Extension may be helpful for courses in creative and performing arts. Some institutions will base selection to a creative arts course on the marks obtained in the HSC. Special admission procedures may be available if you are unable to include suitable subjects in your HSC program.

Earth and Environmental Sciences
Most courses do not require a particular program of study. Most institutions, however, recommend a background in science subjects such as Chemistry, Mathematics (not General Mathematics) and Physics or Biology.

Education / Teaching
In some institutions, courses in education may be taken in arts, science or other program. Some institutions also offer separate teacher education programs in early childhood, primary and secondary education. Students who wish to qualify as a secondary teacher must also fulfil the entry requirements for study in their proposed area of teaching specialisation.

For intending early childhood or primary teachers, some institutions assume or require satisfactory levels of mathematics and/or English.

Engineering
Most institutions recommend at least HSC Mathematics Extension 1 for the study of all branches of engineering. Physics and Chemistry are also recommended. Engineering Studies is considered a useful but not essential preparation for engineering.
Health Sciences (includes studies not listed under Medical Sciences)
If you intend to study health science you are generally advised to include in your HSC study program at least two units of mathematics (not General Mathematics) and two units of science – preferably Chemistry, or, for medical imaging and medical radiation technology, Physics.

Human Movement / Sport Sciences / Physical Education
Most courses in these areas do not require a particular program of study at secondary school. A background in science subjects (Physics, Chemistry and Biology) and Mathematics (not General Mathematics) is recommended by some institutions. Personal Development, Health and Physical Education is also considered useful.

Some institutions require you to provide additional information relating to your sporting achievements.

Information Technology
Studies in this area usually require either Mathematics or HSC Mathematics Extension 1 (not General Mathematics) as a pre-requisite or assumed knowledge. Computer science is generally taught on the assumption that students have studied HSC Mathematics Extension 1.

Law
Generally, legal courses do not specify pre-requisites or levels of assumed knowledge. If you are contemplating a law program combined with arts, business, commerce, economics, engineering, science, social sciences or social welfare, check that the subjects you choose comply with the requirements for those courses.

Medical Sciences (including medicine, optometry, pharmacy and veterinary science)
Students intending to take up studies in these areas are advised to include at least two units of mathematics (not General Mathematics), Chemistry and either Physics or Biology in their HSC program.

Some institutions prefer the combination of Chemistry and Physics while others may have no preference provided Mathematics and Chemistry are included.

Nursing
Students intending to undertake nursing studies are generally advised to include at least two units of studies in science, preferably Chemistry and/or Biology and/or Physics. Most institutions also recommend at least 2 units of mathematics

Science / Applied Science / Technology
Most courses in applied science are three-year or four-year professional courses which involve the study of mathematics, chemistry, physics and either biology or geology in first year. HSC Mathematics Extension 1 is assumed knowledge for courses in technologies such as textiles and metallurgy. Mathematics is acceptable in areas such as food technology, and agricultural and rural sciences. Most science courses require students to have studied as much science and mathematics (not General Mathematics) as they can effectively handle. If possible, include both Chemistry and Physics in your HSC program.

Social Sciences
Social sciences may include the study of economics, education, geography, law, psychology and sociology. Mathematics (not General Mathematics) may be required for some subjects.

Social Work / Welfare Work
Most courses in these areas do not require a particular program of study at secondary school although a minimum score in English may be required by some institutions. If psychology is included as part of the course, then Mathematics (not General Mathematics) is strongly recommended.

Tourism / Hospitality Management
Most courses in these areas do not require a particular program of study at secondary school although some economics may be useful. Some courses also require a minimum level of English. Some institutions require work experience in customer services as a pre-requisite.
EVET Courses

Externally delivered VET Courses

*EVET courses* offer the following:

- contribute to your **HSC** and enable you to gain specific career skills
- will be recorded on your **Year 11 Record of Achievement** and, if you completed the course in Year 12, your **HSC Record of Achievement**
- you will have a **broader choice** of study options
- choice of a wide range of subjects that can fast track your entry into the **career** of your choice
- improved opportunities for **employment**
- you will also be entitled to subject **exemptions** in higher levels of study. This means you won’t have to repeat any subject you successfully completed during your EVET course
- you will experience learning in an **adult environment**
- you will have access to a wide range of **specialist equipment** and facilities

Students from **ALL HIGH SCHOOLS** are **ELIGIBLE** to apply.

Classes have usually been held on **TUESDAY AFTERNOONS** from **1.30pm to 5.30pm**.

An application form must be completed for an EVET course and returned to Mrs Hart (Careers Adviser).
EXTERNNALLY DELIVERED

VOCATIONAL EDUCATION AND TRAINING (EVET)

NSW school students in Years 9-12 have the option of studying VET courses at school or through TAFE NSW or other training providers. VET courses can only be delivered by registered training organisations (RTOs) that meet national standards and have the relevant qualification and units of competency on their scope of registration. VET is 'dual accredited'. Students receive recognition towards their school qualification (Record of School Achievement or HSC), as well as a nationally recognised VET qualification (Certificate or Statement of Attainment). Students successfully completing a VET course will be entitled to credit transfer in other courses in a similar industry after leaving school by providing their qualifications to the Tertiary Institution.

All students studying a VET course must obtain a Unique Student Identifier (USI) and provide this to the training provider at the commencement of the course.

Board Developed Industry Curriculum Framework Courses include Automotive, Business Services, Construction, Electrotechnology, Entertainment Industry, Financial Services Hospitality, Information and Digital Technology, Human Services, Metal & Engineering, Primary Industries, Retail Services and Tourism, Travel & Events. These courses are Category B courses, mostly count for 4 units of HSC credit, include 70 hours of mandatory Work Placement and have an optional HSC examination and only one course can be counted in the Australian Tertiary Admission Rank (ATAR).

Board Endorsed Vocational Education and Training courses are courses based on national industry Training Packages that are endorsed by the Board of Studies, Teaching and Educational Standard for inclusion as an elective in Year 9 or 10 or in the Higher School Certificate. These courses include Animal Studies, Beauty Therapy, Fashion Design Hairdressing, Locksmithing, Laboratory Skills, Plumbing, Sport and Recreation and many more. These courses mostly count for 4 units of HSC credit, do not count towards the ATAR and do not have an optional HSC examination.

- EVET courses are delivered by either a TAFENSW College or a Private Provider. These courses offer a broader range of subjects and should be closely related to future career or study plans.
- Attendance and progress requirements are very strict for EVET courses. If a student fails to attend some of the course or if they do not satisfactorily complete all work set they will FAIL the course or may be withdrawn from the course.
- Numbers in these EVET courses will be limited as other schools will also be involved. Most students will only be able to choose one EVET course. If a student is not selected they will continue to study the six subjects (12 units) chosen to study at school.
- Student Commitment — Once a student starts a course they will be expected to commit to completing the course. Students will not be permitted to change to another course.
- Travel — Students studying EVET courses must organise their own transport arrangements to the TAFE college or study venue and make their own way home at the conclusion of the class.
- Proposed timetabling — EVET courses are conducted on different days of the week with most classes in previous years commencing at 1:30pm and ending at 5:30pm.
Students must complete a separate EVET application form, please collect and return to the Careers Adviser, Lyn Hart. Examples of EVET courses that have been offered in previous years and MAY be offered in 2017 are:

**Contribute to your ATAR – Cat. B – 2 units**

**Board Developed:**
- Automotive – Mechanical
- Automotive – Paint & Panel
- Business Services
- Construction – Pathways *
- Electrotechnology – Computer Assembly & Repair
- Electrotechnology – Electrical *
- Entertainment
- Financial Services
- Financial Services Accounts Administration
- Human Services Health Services Assistance
- Hospitality
- Metal & Engineering
- Retail Services
- Tourism, Travel and Events - Events
- Tourism, Travel and Events - Tourism

**Do not contribute to your ATAR – all 2 units**

**Board Endorsed**
- Animal Studies
- Automotive – Airbrushing
- Automotive – Motorcycles
- Aviation
- Baking Retail
- Beauty Retail Make-Up & Skin Care
- Community Services
- Community Services – Children’s Services
- Community Services – Youth Work
- Construction – Floor & Wall Tiling
- Dental Assisting
- Design Fundamentals – 3D Animation
- Design Fundamentals – Digital Design
- Design Fundamentals – Fashion Design
- Design Fundamentals – Graphic Design
- Design Fundamentals – Interior Design
- Driver Education
- Fashion Design & Technology
- Floristry
- Hairdressing
- Information, Digital Media and Technology
- Laboratory Skills – Intro to Forensics
- Maritime Operations Coastal Coxswain
- Media – Art Direction for Film
- Media – 3D Games Development
- Media – Journalism
- Media – TV & Radio Presentation
- Music Industry Introduction
- Outdoor Recreation
- Plumbing *
- Property Services (Agency)
- Screen Printing
- Sport, Fitness & Recreation
- Tourism Australian Indigenous Culture
- Visual Art – Creative Arts
- Visual Art – Jewellery & Object Design
- Visual Art – Photography
- Visual Art and Digital Design

* These courses may require an aptitude test and interview.

ATAR is abbreviation for Australian Tertiary Admissions Rank and is required for entry into university courses.
SCHOOL-BASED APPRENTICESHIPS AND TRAINEESHIPS

A school-based traineeship or apprenticeship combines paid work, training and school. Students spend a minimum of one day a week on-the-job (can be a school day, a Saturday, evening shifts, etc) with an employer, with some block periods at work in the holidays as well. For the rest of the week, students complete their off-the-job vocational qualification and their other HSC subjects.

What’s the difference between a school-based traineeships and school-based apprenticeships?

Traineeships are completed at the end of Year 12; apprenticeships continue post school. Apprenticeships are usually in trade areas such as automotive, construction, electrotechnology, hospitality, metal and engineering. Traineeships are available in a range of industries including business administration (Business Services), retail, printing, nursing, transport and logistics, out of school hours care, to name a few of the 62 available.

What are the benefits?

- Combine your HSC with vocational training within a supportive school environment
- Gain valuable work skills and experience
- Earn while you learn
- Obtain nationally recognised skills to work in industry areas with strong career prospects
- Gain credit towards further study
- Get a head start in the career
- Potentially earn higher wages post school
- Access a pathway to further studies

This is a great opportunity to contribute to the workforce of the future. If you’d like to find out more:

check out [www.sbatinnsw.info](http://www.sbatinnsw.info);

or contact Janne Tosland on 9582 2826 at the Arncliffe Education Office

for more information

Please note:

To become a school-based trainee or apprentice you need to have the appropriate job.
<table>
<thead>
<tr>
<th>Subject Choices &amp; Information</th>
<th>Course</th>
<th>Faculty</th>
<th>Head Teacher</th>
<th>Notes</th>
<th>Units</th>
<th>Fees</th>
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<tr>
<td></td>
<td>Ancient History</td>
<td>HSIE</td>
<td>Mrs Parnell</td>
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<td></td>
<td>Biology</td>
<td>Science</td>
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<tr>
<td></td>
<td>Business Studies</td>
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<td>Mrs Parnell</td>
<td>BD</td>
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Notes Key:  
BEC Board Endorsed Course  
NSST Cannot be done with Senior Science  
BD Board Developed Course  
* English Studies (see notes in subject description)

Preliminary 2017 / HSC 2018 Subject Selection Information Booklet | Page 17
What will I do in this course?

The study of English provides opportunities for students to explore, respond and compose a wide variety of texts in a range of contexts. Students study the language forms and processes by which meaning is created.

In the Preliminary course you will study:

- An area of study common to Advanced and Standard (40%)
- Two electives (60%) – Critical Study of Text (Shakespeare) and Ways of Presenting the Truth

Your understanding of the topics and the texts related to them will be assessed through the language modes of reading/writing, listening/speaking and viewing/representing.

In the HSC course you will study:

- An area of study common to Advanced and Standard (40%)
- Three modules (60%) – Text and Context, Critical Study of Text and Representation and Text

You will complete a close study of five prescribed texts – Shakespeare, media, film, novel, poetry and drama and a wide range of additional related texts and textual forms.

What skills will I gain from this subject?

You will gain numerous valuable and highly transferable skills, including:

- Effective communication skills, both oral and written
- Ability to communicate for a variety of purposes and audiences
- Ability to analyse how meaning is created in texts
- Independent and group learning techniques
- Critical thinking skills
- Ability to think creatively and reflectively
- Understanding ideas/texts from a range of perspectives
- Researching skills
- Ability to evaluate and use different technologies
- An appreciation of literature and our cultural heritage

How much practical/theory work is in this subject?

The majority of the work undertaken in English is theoretical and involves the close study of ideas and texts in various contexts. Students will apply these ideas to creative and analytical written and oral tasks.

What background and skills are recommended for this course?

Students attempting Advanced English must have achieved a Band 5 or 6 in the School Certificate. In addition, they must have an interest in reading and in the close study of literature and high level expression skills.

Are there additional requirements for this course?

No

How will this course help me in the future?

Both employment and further education require high level written and oral communication skills. Most employers look first to English as an indicator of these skills. The study of English, with its emphasis on critical and interpretive skills, prepares students well for further studies at tertiary level, particularly university. Students who study the Advanced English course will be well prepared for further study of English and related disciplines at university, in particular the study of law, journalism, teaching and communication courses. Some universities recommend Advanced English for a number of their degrees. It can also be advantageous when seeking early university entry.
English Preliminary Extension 1

What will I do in this course?

Students explore how and why texts are valued in and appropriated into a range of contexts. They consider why some texts may be considered culturally significant through the study of ways in which texts are valued.

They will study one module – Texts, Culture and Value, which requires students to study key text from the past and their appropriation into popular culture.

The HSC Extension 1 course requires students to complete one module – Genre, Texts and Ways of Thinking or Language and Values. Students study three prescribed texts and a variety of related texts.

The HSC Extension 2 course requires students to complete a Major Work through an independent investigation.

What skills will I gain from this course?

You will gain skills in:

- Independent investigation
- Analytical thinking and understanding of complex ideas
- Sustained composition

How much practical/theory work is in this course?

Most of the work is of a theoretical nature. Students will apply concepts and skills in a practical way through their own reading, independent investigation and oral/written presentations.

What background and skills are recommended for this course?

A Band 5 or 6 at the School Certificate and a strong interest in reading, excellent expression skills and the academic study of literature are essential background for this course.

Extension 2 – great self-discipline, motivation and determination skills, independent research skills coupled with creative skills and excellent expression skills.

Are there additional requirements for this course?

Must be studying Advanced English.

Preliminary Extension 1 is a pre-requisite for HSC Extension 1.

HSC Extension 1 is a co-requisite for HSC Extension 2.

Are there any exclusions for this course?

English Standard
English ESL
Fundamentals of English
English Studies

How will this course help me in the future?

The analytical nature of the course prepares students well for tertiary study, especially for courses in communication, law journalism, media and teaching.

Extension 2 can lead to many creative fields such as writing, scriptwriting film and video production.
What will I do in this course?

The study of English provides opportunities for students to explore, respond to and compose a wide variety of texts in a range of contexts. Students study the language forms and processes by which meaning is created.

In the Preliminary course you will study:
- An Area of Study – content common to Advanced and Standard (40%)
- Two Electives (60%) – Ways of Reading (poetry) and Contextual Study (drama and film)

Your understanding of the topics and texts related to them will be assessed through the language modes of reading/writing, listening/speaking and viewing/representing.

In the HSC course you will study:
- An Area of Study common to both Advanced and Standard (40%)
- Three modules (60%) – Experience through Language, Close Study of Text and Texts and Society

You will complete a close study of four texts – drama, film, novel and poetry – and a wide range of additional related texts and textual forms.

What skills will I gain from this course?

You will gain numerous valuable and highly transferable skills, including:
- Effective communication skills, both oral and written
- Ability to communicate for a variety of purposes and audiences
- Ability to analyse how meaning is created in texts
- Independent and group learning techniques
- Critical thinking skills
- Ability to think creatively and reflectively
- Understanding ideas/texts from a range of perspectives
- Researching skills
- Ability to evaluate and use different technologies

How much practical/theory work is in this course?

The majority of the work undertaken in English is theoretical and involves the close study of ideas and texts in various contexts. Students will apply these ideas to a range of creative and analytical oral and written tasks.

What background and skills are recommended for this course?

English is the only compulsory subject. School Certificate English Band 4 and above provides the background required for the study of English at the Higher School Certificate level.

Are there additional requirements for this course?

No

Are there any exclusions for this course?

No

How will this course help me in the future?

Both employment and further education require high level written and oral communication skills. Most employers look first to English as an indicator of these skills. The study of English, with its emphasis on critical and interpretive skills, prepares students well for further studies at TAFE or University. Standard English is sufficient for most university degrees at most universities.
English Studies

What will I do in this course?

This course will allow students to improve their skills in reading, writing, listening and speaking in very practical ways. It will allow them to explore topics which are relevant and of high interest to students.

As a content endorsed course English Studies counts as 2 units towards your HSC but **IT CANNOT BE INCLUDED IN AN ATAR. THERE IS NO EXTERNAL EXAMINATION IN THE HSC.**

In the Preliminary Course you will study between 3 and 5 modules. These must involve *Achieving through English* and then other topics such as: *English in Sport, English and Australian Citizenship, English for the Web, English and the Big Screen, English and the Market Place,* etc.

In the **HSC course** a similar number of modules will be studied.

In each year one substantial print text and one substantial multimodal text will be studied. A range of shorter texts from a variety of sources and mediums will also be used.

Individual and group research projects and presentations will be integral to the course, as will actively engaging with the community through: visits, surveys, interviews, excursions and work experience.

What skills will I gain from this subject?

You will gain many valuable and practical skills from this course including:

- Improved written expression skills
- Oral communication skills both in formal and informal situations
- Resume writing
- Interview skills
- Research skills
- ICT skills
- Reading for pleasure and information gathering
- Collaboration skills
- Time management
- Organizational skills
- Listening for meaning
- Experience in interacting in the wider community

How much practical or theory work is in this subject?

Of all the English courses this is by far the most practical. The emphasis is on creating a portfolio of the student’s work which showcases their skills in communicating in a variety of situations and mediums.

What background and skills are recommended for this course?

Completion of Year 10.

Are there any other requirements?

No, except parental permission which acknowledges their appreciation of the fact that this course will not directly lead to an ATAR or university entry.

How will this course help me in the future?

This course will be excellent preparation for any TAFE course or for entry directly into the workforce. Its practical focus is designed to prepare students for the world of work and to give them the skills to lead a full personal, social and vocational life.
Ancient History

What will I do in this course?

Ancient History offers 2U Preliminary and HSC courses with the option of 1U Extension in the HSC course.

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

- Part I: Introduction (40% course time)
  - Investigating the Past: History, Archaeology and Science
  - Case Studies – Ancient Human Remains and the Trojan War
- Part II: Studies of Ancient Societies (40% course time) – the case study and ancient societies will be chosen from different civilisations which include Egypt, Greece, Rome, Asia and Central and South America.
- Part III: Historical Investigation (20% course time) – students will investigate an aspect of a case study as an ancient society different from that undertaken in Part 1 and 11.

In the HSC course, students use archaeological and written evidence to investigate a core study, a personality from the ancient world, one ancient society and one historical period. The HSC course requires study from at least two of the following areas: Egypt, Near East, Greece and Rome. It covers:

- Part I: Core: Cities of Vesuvius–Pompeii and Herculaneum (25% course time)
- Part II: One Ancient Society (25% Course time) Sparta
- Part III: One Personality in Their Time (25% course time) Julius Caesar
- Part IV: One Historical Period (25% course time) The Fall of the Roman Republic

The HSC History Extension Course involves the study and evaluation of the ideas and processes used by historians to produce history. Part I (60% course) – students investigate the question “What is history?” through readings compiled in a source booklet and through case study. Part II (40% course) – students design, undertake and communicate a personal historical inquiry.

What skills will I gain from this course?

Students will gain the following skills: collect, analyse and organise information, communicate ideas and information in written and oral form, plan and organise activities, teamwork, use appropriate information technologies, understand the influence of the ancient past on the present and future, understand, value and respect different viewpoints, ways of living, beliefs and languages.

How much practical/theory work is in this course?

Students will spend time collecting, research, particularly in the Preliminary Historical Investigation, using technology.

What background skills are recommended for this course?

Analytical skills, essay writing skills, researching, wide reading.

Are there additional requirements for this course?

There are none for this course.

Are there any exclusions for this course?  There are no exclusions for this subject.

How will this course help me in the future?

Skills developed in the study of Ancient History are useful in a range of courses studied at university and TAFE NSW as well as in the workforce and everyday life. They are particularly applicable to law, teaching, medicine, travel and tourism, librarianship, communications, social work and journalism.

HSC History Extension will provide you with critical and reflective thinking skills that are essential for effective participation in work, higher learning and the broader community. Higher order skills and methodologies will be of great value for those undertaking tertiary studies and are transferable between disciplines.
Biology

What will I do in this course?
Biology is the study of living organisms and life processes and impact with each other and their environment.

The Preliminary course incorporates the study of mechanisms and systems used to obtain, transport and use of materials for growth and repair, biotic and abiotic features of the environment and the interdependence of organisms in an ecosystem; the evolution of life on Earth and the effects of global changes on the diversity of Australian biota during the formation of the Australian continent. The Preliminary course includes a field study related to the local ecosystem.

The Preliminary course includes the modules:
- A Local Ecosystem
- Patterns in Nature
- Life on Earth
- Evolution of Australian Biota

The HSC course builds on the preliminary course. It examines the processes and structures that plants and animals use to maintain a constant internal environment and the way in which the inheritance of characteristics are transmitted from generation to generation. The options cover a wide variety of interest topics and draw on developments in technology to examine areas of current research.

The HSC course includes the modules:
- Maintaining a Balance
- Blueprint for Life
- The Search for Better Health
- and the option Communication

What skills will I gain from this course?
Learning experiences have been designed to develop students’ expertise in the following skill areas:
- Planning investigations
- Conducting first-hand and secondary source investigations to collect and analyse data and information
- Appropriately use terminology, symbolic and visual representations and reporting styles to communicate information
- Critically appraise biological information, develop scientific thinking and solve problems related to biological concepts
- Work effectively as an individual and as a team member

How much practical/theory work is in this course?
Practical work incorporates a wide range of experiences in addition to experimental work including observation exercises, fieldwork, modelling, processing information from secondary sources, using ICT and data loggers. Students must complete approximately 80 hours across the preliminary and HSC courses.

What background skills are recommended for this course?
Students should have good organisational skills, and like attention to detail. They should be familiar with the use of technology and be able to work to a deadline. It is expected that students have a strong background in Science.

Are there additional requirements for this course?
Students must demonstrate skills in safe work practice in the laboratory to meet legislative requirements, complete a first-hand investigation and research project which involve working independently, and written and oral presentation components.

Are there any exclusions for this course? Preliminary Senior Science.

How will this course help me in the future?
Skills in Biology are useful in a range of courses studied at university and TAFE, in the workforce and in everyday life and for a range of careers in Biological, Medical, Health, Environmental, Forensic and Food Science; Biotechnology and Pharmacy.

This course, when combined with Physics, Chemistry, or Earth and Environmental Science provides preparation for many science based tertiary courses.
Business Studies

What will I do in this course?

Business Studies investigates the role, operations and management of business and the role and responsibilities of business in our society. Factors in the establishment, operation and management of a small business are integral to this course. Students also consider the role of the global business environment and its impact on an Australian business.

The Preliminary course covers:

- **Nature of Business** (20% course time)
- **Business Management** (40% course time)
- **Business Planning** (40% course time)

The HSC course covers:

- **Operations** (25% course time)
- **Marketing** (25% course time)
- **Finance** (25% course time)
- **Human Resources** (25% course time)

What skills will I gain from this course?

Students will gain an understanding of how businesses operate and the factors affecting the business environment. They will develop skills to assist them in participating effectively in the business environment and in dealing with issues that arise from business activities that impact their lives.

Students will also develop an ability to interpret and communicate business information in appropriate formats. They will develop research and independent learning skills in addition to analytical and problem solving competencies through their Business Research Project (BRT), undertaken in the Preliminary course.

How much practical/theory work is in this course?

This subject is primarily theoretical; however students are required to conduct a business investigation (BRT) as a mandatory component of the course. Excursions occur where appropriate and students are also encouraged to participate in the Australian Stock Exchange Game and the Business Studies competition.

The Research Business Project is a mandatory part of the Preliminary course.

What background skills are recommended for this course?

Analytical skills, essay writing skills, critical thinking.

Are there any exclusions for this course?

There are no exclusions for this subject.

How will this course help me in the future?

The study of Business Studies provides students with knowledge, understanding and skills that form a valuable foundation for a range of courses at university and TAFE NSW such as Commerce, Business and Law, as well as in the workforce and everyday life. There are opportunities for students to gain credit transfer in certificate and diploma courses at TAFE NSW. Business Studies helps to prepare students for employment and full and active participation as citizens. Career opportunities may include accountancy, business management, marketing, financial administration, teaching, employment relations and communications.
Chemistry

What will I do in this course?
Chemistry is the study of the physical and chemical properties of substances and their interactions. Chemistry provides chemical explanations and predicts events at the atomic and molecular level. The Preliminary course develops a knowledge of atomic structure, chemical changes, rates of reaction and the relationships between substances by developing an understanding of the Earth’s resources, methods to extract and use metals, the importance of water of Earth and high energy carbon compounds.

The Preliminary course includes the modules:
- The Chemical Earth
- Water
- Metals
- Energy

The HSC course builds on concepts developed in the Preliminary course expanding into areas such as the production of new materials, the importance of acids industrially and in the environment, the type of chemicals that have been released as a result of human activity and the ways in which environmental problems can be minimised. The options cover a wide variety of interest topics; and draw on developments in technology to examine areas of current research.

The HSC course includes modules:
- Production of Materials
- The Acidic Environment
- Chemical Monitoring and Management
- and the option Industrial Chemistry

What skills will I gain from this course?
Learning experiences have been designed to develop students’ expertise in the following skill areas:
- Planning investigations
- Conducting first-hand and secondary source investigations to collect and analyse data and information
- Appropriately use terminology, symbolic and visual representations and reporting styles to communicate information
- Critically appraise biological information, develop scientific thinking and solve problems related to biological concepts
- Work effectively as an individual and as a team member

How much practical/theory work is in this course?
Practical work incorporates a wide range of experiences in addition to experimental work including observation exercises, fieldwork, modelling, processing information from secondary sources, using ICT and data loggers.

Students must complete approximately 80 hours across the Preliminary and HSC courses.

What background skills are recommended for this course?
Following laboratory procedures, using laboratory apparatus, research skills, interest in detailed investigation, graph work, problem solving. It is expected that students have a strong background in Science and is achieving at a high level in Mathematics in Year 10.

Are there additional requirements for this course?
Students must demonstrate skills in safe work practice in the laboratory to meet legislative requirements, complete a first-hand investigation and research project which involve working independently.

Are there any exclusions for this course? Preliminary Senior Science.

How will this course help me in the future?
Skills in Chemistry are useful in a range of courses studied at university and TAFE, in the workforce and in everyday life and for a range of careers including Chemistry, Biochemistry, Environmental Sciences, Medical, Health, Forensic And Food Science, Metallurgy And Chemical, Mechanical, Environmental and Petroleum Engineering.

This course, when combined with Physics, Biology, or Earth and Environmental Science, provides preparation for many science-based tertiary courses.
Community and Family Studies

What will I do in this course?

This is an excellent course for students wishing to combine a range of areas including family studies, sociology, developmental psychology and students general life experiences. The course focuses on skills in resource management that enables people to function effectively in their everyday lives, in families and communities. Modules covered include Resource management, Individuals and groups, families and communities, research methodology, Parenting and caring. Individuals and work.

In the HSC course students are required to complete an Independent Research Project (IRP). This will involve students in an in-depth investigation of an area of their choice.

In the Preliminary course students will undertake three core topics (100%); Resource management, Individual and groups, Family and communities.

In the HSC course students will undertake three core topics (75%); Research methodology, Groups in context, Parenting and caring and an optional component (25%) selected from: Family and societal interactions, Social impact of technology, Individuals and work.

What skills will I gain from this course?

Develop problem solving, researching skills, self-confidence, self-esteem, social, communication and leadership, decision making skills and developing positive attitudes and beliefs.

How much practical/theory work is in this course?

There is a substantial theory component and very little practical work.

What background skills are recommended for this course?

A very keen interest in issues surrounding the broad themes of community and family, research and writing.

Are there additional requirements for this course?

No

Are there any exclusions for this course?

No

How will this course help me in the future?

This course will provide foundation studies for community and family studies and issues. The course would be of great benefit to anyone wishing to take up a career in any of the psychology, sociology, teaching in primary or secondary, sport sciences, nursing or coaching.
CONSTRUCTION COURSE DESCRIPTION 2016 (Course Under Review)

This may change due to Training Package and Board of Studies, Teaching and Educational Standards (BOSTES) updates. Notification of variations will be made in due time.

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

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

CPC20211 Certificate II in Construction Pathways

Units of Competency
Core
CPCCOHS2001A Apply OHS requirement, policies and procedures in the construction industry
CPCCCM1013A Plan and organise work
CPCCCM1014A Conduct workplace communication
CPCCCM1015A Carry out measurements and calculations
CPCCCM2001A Read and interpret plans and specifications
CPCCOHS1001A Work safely in the Construction Industry

Electives 6 out of the following 9
CPCCCA2011A Handle carpentry materials
CPCCCA2003A Erect and dismantle formwork for footings and slabs on the ground
CPCCCO2013A Carry out concreting to simple form
CPCCCM2006B Apply basic levelling procedures
CPCCJN2001A Assemble components
CPCCJN2002B Prepare for off-site manufacturing process
CPCCCA2002B Use carpentry tools and equipment
CPCCWF2001A Handle wall and floor tiling materials CPCCWF2002A Use wall and floor tiling tools and equipment

Additional units required to attain a HSC credential in this course
CPCCCM1012A Work effectively and sustainably in the Construction Industry
CPCCBL2001A Handle and prepare bricklaying and block laying materials
CPCCBL2002A Use bricklaying and blocklaying tools and equipment

Successful completion of the unit, CPCCOHS1001A, will lead to the award of a Construction Induction Card from WorkCover NSW, which allows the student access to construction sites across Australia for work purposes.

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

Pathways to Industry
Skills gained in this course transfer to other occupations. Working in the construction industry involves
- constructing buildings
- modifying buildings
- contracting
- measuring materials and sites
- communicating with clients
- managing personnel and sites

Examples of occupations in the construction industry:
- building
- concreting
- shop fitting
- bricklaying
- carpentry
- joinery

Mandatory Course Requirements
Students must complete a minimum of 70 hours work placement. Students who do not meet these requirements will be ‘N’ determined as required by the Board of Studies, Teaching and Educational Standards (BOSTES). Students who achieve competency in CPCCOHS1001A – Work Safely in the Construction Industry, will be issued with a WorkCover NSW Construction Induction Card (White Card). This is a requirement before commencing workplacement.

Competency-Based Assessment
Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out competency. When a student achieves a unit of competency it is signed off by the assessor.

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

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

Course Costs
Yr 11 - $75
Yr 12 - $75
Other $ External White

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

A school-based traineeship and apprenticeship are available in this course, for more information: http://www.sbatinnsw.info/
Dance 2 Unit

What will I do in this course?

Preliminary Course

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

Components to be completed are:

- Performance: 40%
- Composition: 20%
- Appreciation: 20%
- An additional 20% to be allocated by the teacher to suit the specific circumstances / context of the class

HSC Course

Students continue common study in the three course components of Performance, Composition and Appreciation and also undertake an in-depth study of dance in one of the Major Study components: either Performance, Composition, Appreciation or Dance and Technology.

- Core (60%) Performance 20%, Composition 20%, Appreciation 20%
- Major Study (40%) Performance or Composition or Appreciation or Dance and Technology

How much practical/theory work is in this course?

The course has an equal weighting of both theory and practical components

What background skills are recommended for this course?

Students studying Dance bring with them a wide range of prior dance experiences and be prepared for physical training and preparation of the body. The study of Dance in Years 9 and 10 is not a prerequisite.

Are there additional requirements for this course?

No

Are there any exclusions for this course?

No

How will this course help me in the future?

Undertaking this course will allow all students to continue to develop a strong foundation of Dance and Dance Appreciation and lead to opportunities in the wide range of performing art vocations.
Design & Technology

What will I do in this course?
The study of Design & Technology is a 21st century subject that develops an understanding of the design process and how it can be used to generate creative solutions to design problems. This is a course for people who may be interested in areas such as, architecture, furniture design, fashion design, food and restaurant design, graphics and magazine design, game designing, video or interior designing.

Students design products of their choice, then make them. The whole process is marked, not just the practical or the drawing and folio work.

<table>
<thead>
<tr>
<th>Students can work in any medium such as:</th>
<th>Some examples of HSC projects in the past have been;</th>
<th>Possible careers involving design and production include;</th>
</tr>
</thead>
<tbody>
<tr>
<td>wood, multimedia, graphics, management, plastics, food, architecture and interior design, electronics, sound and video or paper &amp; metal.</td>
<td>restaurant design, TV cabinet, a takeaway menu, anima animation, wedding dress, a boat ramp, jewellery, a fitness regime, eco-friendly house, skate ramp, sea wall and a coffin.</td>
<td>architecture, industrial design, engineering, interior design, furniture manufacturing, magazine, computer game and gardening &amp; landscaping.</td>
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Preliminary course
The nature of the preliminary course is to make the students comfortable with the design process. Practical skills are learnt in one or more areas as well as skills in sketching, management, computer graphics, etc. The first design project in term 1 will be restricted to one area, (usually wood) but then it is freed up to any areas you and your teacher are comfortable with.

HSC course
Students are given the opportunity to develop a major design project based on their individual interests or needs, selecting from a range of design fields including furniture, graphics, electronics, textiles and fashion, interior design, landscaping, plastics, engineering, and sport and leisure.
The HSC theory course also looks at successful innovation and at trends influencing.

What skills will I gain from this course?
Design, produce and evaluate quality design projects. Manage time and resources, learn to work independently and market and evaluate one’s own work. The biggest skill you will learn and develop is organisation. 10 months is a long time to spend on one project.

How much practical/theory work is in this course?
Students participate in both theory and practical work. There are 2 design projects in Year 11 and the Major Design Project (MDP) in Year 12. This MDP is worth 60% of the HSC much of it completed in class.

What background skills are recommended for this course?
A student selecting Design & Technology will:
* have an interest in creative problem-solving, practical subjects, research and ideas generation and be interested in why the manmade products and systems are the way they are.
* be keen to develop their whole designing ability or keen to develop one particular interest and then get an HSC mark for doing it.

Are there any exclusions for this course?
No, some people are very successful at this subject who have not been near a practical or drawing room since year 7. There is a wide range of skills that are assessed — more than any other subject.

How will this course help me in the future?
Design and Technology provides pathways to employment and further education including university. It may lead to careers in a range of design fields including industrial design, graphic design, architecture, advertising, marketing and business management. Design and Technology gives advanced standing in a number of certificate and diploma courses at TAFE NSW.
Drama

What will I do in this course?
In Drama you will be involved in learning about and creating theatre through the key practices of Making, Performing and Critically Studying. Students engage with these experiences through both group and individual activities. You will prepare works for public performances and have opportunities to be involved in practical workshops as well as viewing live theatre.

The Preliminary course covers Improvisation, Play building (creating your own plays), acting skills, Elements of Production, Theatrical Traditions and Performance Styles. The emphasis in the Preliminary course is on practical experiences and skills building.

The HSC course is comprised of Australian Drama and Theatre, an elective topic (studied as a whole class), the Group Devised project and the Individual project. Australian Drama and Theatre and the elective topic are units of both theoretical and practical study, focussing on key plays and texts. The Group devised project involves students working in groups of 3 – 6 to create an original piece of theatre, 8 – 12 minutes in length. For the Individual project, students must focus on an area of expertise to produce a substantial final product. They can select options from: Performance, Video, Scriptwriting, Critical Analysis (Director’s Folio, Critical Review or Research project), or Design (costume, set, promotion or lighting).

What skills will I gain from this course?
Performing in different styles of Drama, appreciation and understanding of design concepts, devising original theatre, practical backstage experience, working in groups and independently, problem solving, collecting and analysing information, essay writing, communication and public speaking skills, increased self-confidence, organisation, teamwork and working to a deadline.

How much practical/theory work is in this course?
The course is 60% practical and 40% theory.

What background skills are recommended for this course?
It is not necessary to have studied Drama in Years 9 and 10 but it is advantageous to the understanding of some concepts. Prior experience in performance and/or backstage work are desirable but again, not essential. Students need to have an interest in drama and theatre and be willing to perform in front of peers and audiences. The ability to work cooperatively in a group situation is essential and students will need to be responsible for individual organisation and progress for some subjects. Students with an interest in other Creative Arts (Music, Dance, Art, Digital Media, Photography) often excel in Drama as many of the skill area in Creative Arts subjects overlap into drama key practises.

Are there additional requirements for this course?
Students undertaking Drama need to understand that the HSC Group Performance is a compulsory component of the course. The Preliminary course will also require students to participate in at least ONE public performance. Students may also be required to attend workshops and theatrical performances as part of their practical studies. The nature of Drama requires that students participate in rehearsals and performances, some of which will inevitably occur outside of regular school hours. Students must understand that the Drama course has a strong emphasis on group work and be prepared to work in a variety of group combinations.

Are there any exclusions for this course?
Projects developed for assessment in Drama are not to be used in part or in full for assessment in any other subject.

How will this course help me in the future?
Drama is a useful subject for students wishing to pursue a career in acting, directing, scriptwriting, television, radio, film, costuming, stage or event management, media, communications, animation, teaching, public speaking, public relations, writing, dance, backstage work, lighting operations and early childhood education. You will develop confidence in communication, teamwork and presentation. Drama helps build strong organisational skills and teaches students to work to a deadline.
Engineering Studies

What will I do in this course?

Engineering Studies offers students the opportunity to study the many aspects of engineering in a broad range of areas. These areas include engineering mechanics / hydraulics, engineering materials, engineering electronics, drawing and report writing. Students are encouraged to solve engineering problems through collaboration, research and the meaningful application of engineering principles. Engineering Studies often involves applying Maths and Physics to real situations.

The course is based on the study of realistic engineering situations. It is a module-based course where products and systems are studied separately with students applying engineering principles to solve real problems, finishing in the production of an engineering report.

Study of these modules will be based on actual products and systems and will involve practical projects and experimentation designed to complement the engineering knowledge.

Preliminary Course
Students study at least one product from the following categories:
- Engineering Fundamentals
- Household appliances
- Braking systems
- Bioengineering

HSC Course
Students undertake study in the following modules of engineering:
- Civil structures
- Personal and public transport
- Lifting devices
- Aeronautical engineering
- Telecommunications

What skills will I gain from this course?
- Understanding the scope of engineering and the role of the engineer
- Understanding engineering principles and appreciate the responsibilities of engineers in society
- Communication skills
- Understand technology developments and its influence on people and engineering practice
- Apply management and problem solving skills in an engineering context
- Application of engineering methodology

How much practical/theory work is in this course?
- This course is nearly all theory based and it can be described as ‘practical based theory’.
- It is practical in that it applies physics and maths to real situations as well as technical drawing. We study things like bridges, aeroplanes, push bikes, telephones, satellites and your toaster in the kitchen.

What background skills are recommended for this course?
This course is suited to any student who has an interest in technology and the built environment.

Are there any additional requirements for this course?
No, you do not have to have been near a drawing or woodwork room since Year 7!

Are there any exclusions for this course?
No

How will this course help me in the future?
This course will give students the opportunity to follow professional, vocational and employment pathways. The insight and experience associated with Engineering Studies will provide very useful background for further study at University or TAFE in the areas of engineering, architecture and construction. Those going into the world of work will benefit from understanding what engineers do, as the work of engineers affects us all.
Food Technology

What will I do in this course?

Students will develop knowledge and understanding about the production, processing and consumption of food, the nature of food and human nutrition and an appreciation of the importance of food to health and its impact on society.

The Preliminary course covers food availability and selection (30%), food quality (40%), nutrition (30%).

The HSC course covers the Australian Food Industry (25%), Food Manufacture (25%), Food Product Development (25%) and Contemporary Food Issues in Nutrition (25%).

What skills will I gain from this course?

Skills will be developed in researching, communicating and analysing food issues, food and the design, implementation and evaluation of solutions to food situations.

How much practical/theory work is in this course?

It is mandatory that students undertake practical activities in this course that are related to the theory work. The theory work includes experimental work and merit work. The practical component is 35% - 40% of the work.

What background skills are recommended for this course?

All skills and knowledge will be developed during the 2 years of this course.

Are there additional requirements for this course?

A subject fee applies and students must wear apron and closed in shoes.

Are there any exclusions for this course?

There are none for this course.

How will this course help me in the future?

This course will provide you with the knowledge, skills and attitudes to contribute positively to your own pathways to employment or further education at TAFE or university. The study of Food Technology will give you credit transfer in some certificate and diploma courses at TAFE NSW. Career options might include dietetics, food technology, teaching and nutrition.
Geography

What will I do in this course?

The course investigates physical and human geography and develops students’ knowledge and understanding of the relationship between people and their environment and the effect they have on each other. Students investigate the unique characteristics of our world through case studies, fieldwork, geographical skills and the study of contemporary geographical issues.

The Preliminary course covers:

- **Biophysical Interactions (45%)** – how biophysical processes contribute to the sustainable management of specific environments
- **Global Challenges (45%)** – the study of global geographical issues associated with population challenges, economic development, natural resource use, political and cultural geography
- **Senior Geography Project (10%)** – a geographical study of the student’s own choosing using primary research methodologies

The HSC course covers:

- **Ecosystems at Risk (33%)** – studies the functioning of ecosystems, their management and protection through the selection of case studies and fieldwork
- **Urban Places (33%)** – studies the role and changing patterns of cities and includes case studies of mega and world cities
- **People and Economic Activity (33%)** – studies a case study of an economic activity at both the global and local scale.

What skills will I gain from this course?

Students learn to investigate and communicate geographically and are given opportunities to develop informed and responsible values and attitudes towards ecological sustainability, active and informed citizenship and responsible, autonomous life-long learning. Ethical research practices are also developed.

How much practical/theory work is in this course?

Students complete a Senior Geography Project in the Preliminary course and must undertake 12 hours of compulsory fieldwork in both the Preliminary and HSC courses. Fieldwork reports make up a significant part of the assessment in both years.

What background skills are recommended for this course?

This subject is recommended for students who have a curiosity about how and why the world’s people and their environments are so varied or who are interested in clarifying or analysing geographical issues, questions and problems. A basic understanding of some geographical skills taught in the mandatory Stage 4&5 Geography course is assumed.

Are there additional requirements for this course?

The Senior Geography Project and 24 hours fieldwork are mandatory components of this course.

Are there any exclusions for this course?

There are no exclusions for this subject.

How will this course help me in the future?

Geography gives us a broad range of skills to interpret the world around us. It also helps us to shape our lives so that we maximise our enjoyment of the wonders of nature while minimising our negative impact on the systems that support life on the planet. All careers, including law, tourism and business will benefit from your study of Geography. The 21st Century is a crucial time in which we must learn to work within our planet’s ability to support us. The managers of the future must think globally and act locally. Geography gives us a head start.
Hospitality Curriculum Framework
(Kitchen Operations and Cookery stream)
2015 – 2016 Cohort (course under review – information indicative at time of printing)

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

**SIT20312 Certificate II in Kitchen Operations**

**Units of Competency**

**Core**
- SITB203 CoreB Work effectively with others
- SITHCC201 Use food preparation equipment
- SITHCC202 Produce dishes using basic methods of cookery
- SITHCC207 Use cookery skills effectively
- SITHKOP101 Clean kitchen premises and equipment
- SITXFS201 Use hygienic practices for food safety
- SITXINV202 Maintain the quality of perishable items
- SITXHS101 Participate in safe work practices

**Electives**
- SITHCC202 Produce appetisers and salads
- BSBSUS201A Participate in environmentally sustainable work practices
- SITHCC204 Produce vegetable, fruit, egg and farinaceous dishes
- SITHCC203 Produce stocks, sauces and soups
- SITXFS201 Participate in safe food handling practices
- SITHIND201 Source and use information on the hospitality industry

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

**Pathways to Industry**
Skills gained in this course transfer to other occupations. Working in the hospitality industry involves:
- supporting and working with colleagues to meet goals and provide a high level of customer service
- prepare menus, managing resources, preparing, cooking and serving a range of dishes

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

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

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

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

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

**Course Costs:**
- Yr 11 $160 – includes consumables, uniform loan, toolbox loan
- Yr 12 $140

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

A school-based traineeship and apprenticeship are available in this course, for more information: [http://www.sbatinnsw.info/](http://www.sbatinnsw.info/)
Industrial Technology - Timber Products & Furniture Industries

What will I do in this course?

Industrial Technology consists of project work and an Industry Study. This subject includes an introduction to industrial processes and practices as well as the development of a broad range of skills and knowledge related to the timber products and furniture industries. Most of the course is based around practical projects.

Both the Preliminary and HSC courses are organised around four sections:
- Industry study
- Design, Management and Communication
- Production
- Industry Related Manufacturing Technology

In the Preliminary course, students design, develop and construct a number of projects (at least one of which is a group project). Each project includes a practical component and a management folio. Students are also required to undertake the study of an individual business within the Timber Industry.

In the HSC course, students design, develop and construct a Major Project with a management folio. Students are also required to undertake the study of the overall industry related to the specific focus area of the Timber Industry.

What skills will I gain from this course?

Students learn to refine and extend their project management skills largely through the development and completion of their Major Project design management folio. Students will also gain practical carpentry skills, drafting skills, research skills, planning and organisation, and will have the opportunity to work individually and in a team.

How much practical/theory work is in this course?

Practical and theory are integrated in this course.

What background skills are recommended for this course?

Previous woodwork can help but it is not essential. You may not have been in a woodwork room since Year 7 and still be very successful in this subject.

Are there additional requirements for this course?

Students must complete a final major work/project which is marked externally and contributes to the final HSC assessment mark. This is worth 60% of the HSC.

Are there any exclusions for this course?

No, many people are successful in the subject who have not been near a practical room since Year 7.

How will this course help me in the future?

This subject will give students the knowledge and skills in the timber industry and will lead to a career in a range of occupations within the building, construction and furniture industries. Skills and knowledge gained will also give students advanced standing in many TAFE courses.
Industrial Technology – Multimedia

What will I do in this course?
Industrial Technology consists of project work and an Industry Study. This subject includes an introduction to industrial processes and practices as well as the development of a broad range of skills and knowledge related to the multimedia production such as sound, video, animation, web design, game design, etc.

Both the Preliminary and HSC courses are organised around three sections:
- Industry study
- Design, Management and Communication
- Production (most of course involves practical work)

Practical projects will reflect the nature of the Multimedia focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to multimedia and digital media technologies. These may include:
- Advertising signage and advertising presentations
- Movie trailer design
- Sound capture and development
- Animation and cartoon production
- Desktop publishing and digital photography
- Video and film production
- Multimedia rich web page design and development
- Multimedia authoring 2D and 3D

In the Preliminary course, students design and develop a number of projects (at least one of which is a group project). Each project includes a practical component and a design management folio. Students are also required to undertake the study of an individual business within the Multimedia Industry. In the HSC course, students design, develop and construct a Major Project worth 60% of the HSC. Much of this is done in class. Students are also required to undertake a multimedia industry study.

What skills will I gain from this course?
Students learn to refine and extend their project management skills largely through the development and completion of their projects. Students will also gain skills in multimedia software, design, research techniques, sound and image manipulation, planning and organisation, and will have the opportunity to work individually and in a team.

How much practical/theory work is in this course?
Practical and theory are integrated in this course. In the HSC 60% of the marks are given to your major project. This could be a video, website, animation on almost any project of your choice.

What background skills are recommended for this course?
Previous multimedia and digital photography or Information and Software Technology course is helpful but is not essential. Many have not done any multimedia since Year 7 and still be successful in this subject.

Are there additional requirements for this course?
Students must complete a final major work/project which is marked externally and contributes to the final HSC assessment mark.

Are there any exclusions for this course?
No, many people are very successful in this subject who have done very little multimedia work in the past.

How will this course help me in the future?
This subject will give students the knowledge and skills in the multimedia industry and may lead to a career in a range of occupations within the advertising, television, film and other multimedia industries. Skills and knowledge gained will also give students advanced standing in many multimedia TAFE courses.
Information Processes and Technology

What will I do in this course?

IPT is the study of computer based information systems. It focuses on using computers and societies use of computers. Information processes performed by these systems and the information technology that allows them to take place. Social, ethical and non-computer procedures are considered and different types of information systems are studied. Through project work, students will create their own information system to solve business problems.

The Preliminary course covers:

Introduction to Information Skills and Systems (20%): information systems in context; information processes; digital representation of data; classification of information systems; social and ethical issues. Tools for Information processes (40%): collecting; organising; analysing; storing and retrieving; processing; transmitting and receiving; displaying. Planning, Design and Implementation (20%): understanding the problem to be solved; making decisions; designing solutions; implementing; testing, evaluating and maintaining; social and ethical issues. Personal and Group Systems and Projects (20%).

The HSC course includes:

Understanding the problem; making decisions; designing solutions; project management; social and ethical design; implementing; testing, evaluating and maintaining Information Systems and Databases (20%): information systems; examples of database information systems; organisation methods; storage and retrieval; other information processes; issues related to information systems. Communication Systems (20%): characteristics and examples of communication systems; transmitting and receiving; other information processes; issues related to communication systems. Option Strands (40%) Students will learn about two of the following options: Transaction Processing Systems; Decision Support Systems; Automated Manufacturing Systems and Multimedia Systems

What skills will I gain from this course?

In the IPT course you will gain skills in:

• The selection and ethical use of appropriate resources and tools to develop information systems
• Creative and methodical planning, design and implementation of information systems to address
• Management, communication and teamwork in relation to individual and group activities

How much practical/theory work is in this course?

Practical and theory work are integrated throughout the course.

What background skills are recommended for this course?

None required.

Are there additional requirements for this course?

Students find it easier to complete this course if they can arrange access to a computer and the Internet for extended periods of time outside the classroom. A subject fee applies.

Are there any exclusions for this course?

No

How will this course help me in the future?

Students who successfully complete IPT will be competent, confident and discriminating users of information processes and technology. They will be well prepared to pursue further education and employment across a wide range of courses and careers.
Japanese Beginners

What will I do in this course?

The Preliminary course, students will begin to develop their knowledge and understanding of the Japanese language and culture.

In the HSC course, students will continue to develop their knowledge of the Japanese language and culture.

What skills will I gain from this course?

Through the study of seven themes outlined in the syllabus, students will focus on developing listening, speaking, reading and writing skills. Their knowledge of Japanese culture will also develop.

How much practical/theory work is in this course?

All seven themes that are outlined in the syllabus must be studied for the HSC. The themes are: Meeting People; Family and Friends; Home Life; Education; Around Town; Travel; Future. Students will also have opportunities to practise their Japanese when they are taken to excursion centres that will allow them to interact with native speakers, eg the Nihongo Tanken at Kirrawee High (for a 2 day holiday workshop), Japanese restaurant, sushi chef visit, the Art Gallery of NSW to take part in the tea ceremony, student exchange, sit for the ACER exam in Japanese (Australian Council for Educational Research).

What background skills are recommended for this course?

A desire to learn a new language and a willingness to practise (converse).

Are there additional requirements for this course?

The HSC examination includes a practical component (speaking).

Are there any exclusions for this course?

Students are learning the language as a second (or subsequent) language. Students either have no prior spoken or written knowledge or experience of the language, or their experience is derived solely from, or is equivalent to, study of the language for 100 hours or less in Stage 4 or Stage 5.

Students have had no more than 100 hours study of the language at the secondary level (or the equivalent). Students have little or no previous knowledge of the language. For exchange students, a significant in-country experience (involving experiences such as homestay and attendance at school) of more than three months renders a student ineligible.

How will this course help me in the future?

The ability to communicate in Japanese may, in conjunction with other skills, provide students with enhanced vocational opportunities in areas such as trade, tourism and hospitality, banking and finance, technology, education and research, the arts, diplomacy, government, law, media and advertising, translation and interpreting, and cuisine and catering.
Japanese Continuers

What will I do in this course?

The Preliminary course (120 indicative hours) has, as its organisational focus, themes and associated topics. Students’ skills in, and knowledge and understanding of, Japanese will be developed through tasks associated with a range of texts and text types that reflect the themes and topics. Students will gain an insight into the culture and the language of Japanese-speaking communities through the study of a range of texts.

In the HSC course (120 indicative hours) students focus on the three prescribed themes and associated topics.

What skills will I gain from this course?

Students will gain a broader and deeper understanding of Japanese and will extend and refine their communication skills in the language. As they expand the range of tasks, texts and text types studied, students’ knowledge and understanding of the culture and language of Japanese-speaking communities will develop further.

How much practical/theory work is in this course?

The three themes that are outlined in the syllabus must be studied for the HSC. The themes are: the individual, the Japanese-speaking communities, and the changing world. Students will have opportunities to practise their Japanese when they are taken to excursion centres that will allow them to interact with native speakers eg attend the Nihongo Tanken at Kirrawee High School for a two day holiday workshop, Japanese restaurant, sushi chef visit, student exchange.

What background skills are recommended for this course?

A desire to further their skills in learning the Japanese language and a willingness to practise (converse)

Are there additional requirements for this course?

The HSC exam includes a practical component (speaking)

Are there any exclusions for this course?

This course is designed for students who are learning the language as a second language, and will typically have studied Japanese for 200–400 hours at the commencement of Stage 6. Students who are enrolled in the Japanese Beginners, the Japanese Heritage and Background Speakers courses are excluded.

How will this course help me in the future?

The study of Japanese language is of particular importance to Australians, both culturally and economically. The ability to communicate in Japanese may, in conjunction with other skills, provide students with enhanced vocational opportunities in areas such as trade, tourism and hospitality, banking and finance, technology, education and research, the arts, diplomacy, government, law, media and advertising, translation and interpreting, and cuisine and catering.
**Legal Studies**

**What will I do in this course?**

The Legal Studies course develops knowledge and understanding of the nature and functions of law in our society. It examines the structure and sources of the law from a domestic and international perspective as well as the role of the individual within these complex interplays. The course examines the balance that the law must strike in respect to the rights and responsibilities of the individual vis-à-vis wider society as well as investigating currently legal reforms and conflicts that historically affect special groups within society such as women, Aboriginal and Torres Strait Islanders and so on.

The Preliminary course covers:
- The Legal System (40% course time) – introduction to basic legal notions.
- The Individual and the Law (30% course time) – an examination of how the rights and responsibilities of both the individual and society represented through the State.
- The Law in Practice (30% course time) – opportunity for students to deepen their understanding of law covered in the previous sections.

The HSC course covers:
- Crime (30% course time) – topics include the nature of crime; the criminal investigation process; sentencing; young offenders and international crime.
- Human rights – nature and issues
- Two options (50% course time) chosen from Consumers, Family, Global environment, Indigenous peoples, Shelter, Technological change, Workplace, World order.

**What skills will I gain from this course?**

The Legal Studies course requires the ability to investigate, analyse & synthesise social & legal information into articulate legal opinions and reports. Students learn to communicate complex legal ideas and language to appropriate audiences and have a significant impact on students’ confidence in approaching and accessing the legal system. Legal Studies offers excellent preparation for life skills through an understanding of the legal system, its principles, structures, institutions and processes. Legal Studies further fosters a respect for cultural diversity and promotes tolerance. It allows students to question and evaluate the legal and democratic institutional structures within the domestic and international environment and to undertake a comparative analysis of other political and institutional structures.

**How much practical/theory work is in this course?**

Students are required to apply practical contemporary legal structures, media reports and case studies within the wider legal concepts of justice, fairness and equity. This requires a deep understanding of contemporary legal controversies and a development of student-initiated strategies in promoting a just and fair society, with a view to empowering students to participate effectively as citizens at the local, national and international level.

**What background skills are recommended for this course?**

Essay writing, understanding concepts and terminology.

**Are there additional requirements for this course?**

There are none for this course.

**Are there any exclusions for this course?**

There are none for this subject.

**How will this course help me in the future?**

This course is not designed to prepare you for further study in the law but rather prepare you to participate effectively in everyday life. The course is designed to foster intellectual, social & moral development by empowering students to think critically about the role of the law & legal institutions in society. As a consequence of this, legal studies will provide students with an understanding of the legal system, its principles, structures, institutions and processes. It is useful in preparation for further study at TAFE NSW or university in a range of areas.
NOTE: Students complete a common General 2 Preliminary course in Yr 11 and then choose General 1 for Yr 12.

What will I do in this course?
Students will learn to use a wide range of techniques and tools to develop solutions to a wide variety of problems related to their present and future needs and aspirations.

The Preliminary and HSC courses are divided into five components: Financial Mathematics; Data Analysis; Measurement; Probability and Algebraic Modelling. There are also “real life” focus topics of Communication, Driving, Design, Household finance, the Human Body and Resource Usage.

What skills will I gain from this course?
Throughout the course students are developing the competencies: collecting, organising and analysing data; communicating ideas and information; planning and organising activities and working with others in teams. At all levels of the course students are also developing the key competencies using mathematical ideas and techniques and using technology. Finally students work towards mastery of the key competency solving problems, with six focus studies based in relevant “real life” activities.

How much practical/theory work is in this course?
There is a theory component and a minor hands-on approach. Practical activities are undertaken where appropriate. The focus studies allow students to pursue topics of interest at a level appropriate to their ability.

What background skills are recommended for this course?
This course is constructed on the assumption that students have had some success in the 5.1 pathway in Mathematics for Year 10. It is preferred that students have completed the recommended options of Further Algebra.

Are there additional requirements for this course?
Students not meeting basic pre requisites for success in this course will be advised. Counselling for more suitable options and alternatives will be made available.

Are there any exclusions for this course?
No exclusions.

How will this course help me in the future?
The course provides an appropriate mathematical background for students who do not wish to pursue the formal study of mathematics at tertiary level, while giving a foundation for study of TAFE and other vocational courses. Employers also value it as solid background for many careers in industry.

Assessment? School based assessment schedule, NO formal HSC examination

Fees
$16 for access to internet program Mathletics.
NOTE : Students complete a common General 2 Preliminary course in Yr 11 and then choose General 2 for Yr 12.

What will I do in this course?
Students will learn to use a wide range of techniques and tools to develop solutions to a wide variety of problems related to their present and future needs and aspirations.

The Preliminary and HSC courses are divided into five components: Financial Mathematics; Data Analysis; Measurement; Probability and Algebraic Modelling. There are also “real life” focus topics of Communication, Driving, Design, Household finance, the Human Body and Resource Usage.

What skills will I gain from this course?
Throughout the course students are developing the competencies: collecting, organising and analysing data; communicating ideas and information; planning and organising activities and working with others in teams. At all levels of the course students are also developing the key competencies using mathematical ideas and techniques and using technology. Finally students work towards mastery of the key competency solving problems.

How much practical/theory work is in this course?
There is a major theory component and a minor hands-on approach. Practical activities are undertaken where appropriate.

What background skills are recommended for this course?
This course is constructed on the assumption that students have as a minimum, been successful in the 5.1 pathway in Mathematics for the School Certificate. It is preferred that students have completed the recommended options Trigonometry and Further Algebra.

Are there additional requirements for this course?
Students not meeting basic pre requisites for success in this course will be advised. Counselling for more suitable options and alternatives will be made available.

Are there any exclusions for this course?
No mandatory exclusions.

How will this course help me in the future?
The course 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 studying Life Sciences, the Humanities, Business Studies, TAFE courses and other vocational courses. Employers also value it as solid background for many careers in industry.


Fees
$16 for access to internet program Mathletics.
Mathematics (Advanced Course)

What will I do in this course?

This course offers students a treatment of the following: Algebra; Real Functions; Trigonometry; Plane Geometry; Probability; Coordinate Methods in Geometry; Series and Sequences and Applications of Calculus, including Applications of Calculus to the Physical World.

What skills will I gain from this course?

The course is designed to give students an understanding of and competence in aspects of Mathematics which are applicable to the real world.

How much practical/theory work is in this course?

This course is based on theory and mathematical proofs.

What background skills are recommended for this course?

This course is constructed on the assumption that students have achieved the outcomes of the 5.3 pathway (10M1, 10M2) in Mathematics for the School Certificate.

Those who have completed the 5.2 pathway (10M3) would need to achieve very well indeed. All candidates for this course will need to have a strong work ethic and commitment to achieve success.

Are there additional requirements for this course?

Students not meeting basic pre requisites for success in this course will be advised. Counselling for more suitable options and alternatives will be made available.

Are there any exclusions for this course?

No

How will this course help me in the future?

This course is a sufficient basis for further studies in mathematics as a minor discipline at tertiary level.

Assessment

School–based assessment schedule and formal HSC examination.

Fees

$16 for access to internet program Mathletics.
Mathematics Extension 1

What will I do in this course?

This course includes the entire Mathematics course and further, in-depth study of each of the topics in that course. Additional topics covered are: Parametric Representation; Permutations and Combinations; Inverse Functions; Mathematical Induction; Polynomials and Binomial Theorem.

What skills will I gain from this course?

This course includes the entire Mathematics course and further, in-depth study of each of the topics in that course. Additional topics covered are: Parametric Representation; Permutations and Combinations; Inverse Functions; Mathematical Induction; Polynomials and Binomial Theorem.

How much practical/theory work is in this course?

This course is heavily based on theory and mathematical proofs.

What background skills are recommended for this course?

This course is constructed on the assumption that students have achieved the outcomes of the 5.3 pathway in Mathematics for the School Certificate and have achieved Band 5 or 6. Students should also have completed the recommended optional topics to strengthen their foundation for the challenges of this course.

Are there additional requirements for this course?

Students not meeting basic pre requisites for success in this course will be advised. Counselling for more suitable options and alternatives will be made available.

Are there any exclusions for this course?

No

How will this course help me in the future?

This course is a basis for further studies in mathematics as a major discipline at tertiary level.

Can I do Extension 2 Mathematics at TJHS?

At the end of Term 3 students who have expressed an interest and achieved to an acceptable standard at Extension 1 will be invited consider Extension 2 Mathematics.

Assessment

School–based assessment schedule and formal HSC examination.
Modern History

What will I do in this course?

Modern History offers 2U Preliminary and HSC courses with the option of 1U Extension in the HSC course.

The course will consist of:
- Two case studies (50% course) taken from different geographic regions in the world
- An historical investigation (20% course) – allows for individual or group investigation, research and presentation.
- Core Study: The World at the Beginning of the 20th Century (30% course) – this is compulsory.

The HSC course will cover:
- Core Study – Source Based Study (25% course) – World War 1 1914–1919 (compulsory)
- One National Study (25% course) – a study of a specific period of a nation in the 20th Century
- A Personality Study (25% course) – considering the role of the individual in national or international history
- International Studies in Peace and Conflict (25% course) – one study.

The HSC History Extension Course involves the study and evaluation of the ideas and processes used by historians to produce history. Part I (60%) – students investigate the question “What is history?” through readings compiled in a source booklet and through case study. Part II (40%) – students design, undertake and communicate a personal historical inquiry. To do extension you must be studying modern or ancient history 2U.

What skills will I gain from this course?

Students of Modern History will develop higher order skills in research, investigation and critical analysis and the ability to interpret and use both primary and secondary sources.

How much practical/theory work is in this course?

The practical comes in the shape of historical investigation and research that continues throughout all courses.

What background skills are recommended for this course?

Students need to have an interest in Modern History and be well skilled in research, wide-reading and written expression.

Are there additional requirements for this course?

There are none for this course.

Are there any exclusions for this course?

There are no exclusions for this subject.

How will this course help me in the future?

The skills developed in this course will be useful in tertiary education as well as the professional and commercial world. In particular, they are applicable to law, teaching, medicine, communication, social work and journalism.

HSC History Extension will provide you with critical and reflective thinking skills that are essential for effective participation in work, higher learning and the broader community. The skills and methodologies of this course will be valuable to students in a wide range of disciplines at tertiary level.
Music Course 1

What will I do in this course?

In both the Preliminary and HSC courses, students will gain widening experience in Performance, Composition, Musicology and Listening through the study of the various concepts of music.

Students study 3 topics each year from a list of 21 which range from Classical to Pop, Jazz and Rock music, Theatre, Film, Radio, Multimedia and Television. Students are encouraged both to broaden their listening experiences as well as specialising in their chosen areas.

In the HSC course, in addition to the Core Studies, students must select 3 electives from Performance, Composition and/or Musicology. This accounts for 70% of the final course mark.

What skills will I gain from this course?

At the end of the course, students should be able to:

• Perform at a high level of musicality and technique on their chosen instrument.
• Aurally analyse and compare the different styles of music
• Compose a piece in a variety of styles.
• Understand the historic development of various styles of music.

How much practical/theory work is in this course?

This depends on the electives chosen. Practical work can range between 10% and 70%.

What background skills are recommended for this course?

A love of music, instrumental/vocal ability, must be prepared to learn instrument/voice independently.

Are there additional requirements for this course?

A willingness and ability to work independently and in groups. The HSC examination includes a compulsory performance component.

Are there any exclusions for this course?

Music Course 2, Music Extension (3 unit)

How will this course help me in the future?

Music 1 provides many of the skills required in the diverse fields of the Music Industry. Students may progress into music courses at TAFE or University with a good foundation of knowledge and practical skills. Music also provides knowledge and skills to enhance enjoyment of everyday life.
Music Course 2

What will I do in this course?

In both the Preliminary and HSC courses, students will gain widening experience in Performance, Composition, Musicology and Listening through the study of the various concepts of music. Students study the Mandatory Topic, Music 1600 – 1900 in the Preliminary year, and the Mandatory Topic, Music of the last 25 years in the HSC year.

In the HSC course students will complete a mandatory performance and a mandatory composition for assessment. In addition to the Core Studies, students must select 1 elective from Performance, Composition and/or Musicology. This accounts for 20% of the final course mark.

In the HSC year it is possible to undertake Extension studies (1 unit) in either Composition, Musicology or Performance, to which the Music 2 course is a pre-requisite.

What skills will I gain from this course?

At the end of the course, students should be able to:

• Perform at a high level of musicality and technique on their chosen instrument/voice
• Analyse the compositional techniques used in a variety of styles of music
• Compose a piece in one of the styles found in music of the last 25 years
• Understand the historic development of music from the Baroque Period to music of the present day

How much practical/theory work is in this course?

This depends on electives chosen. Practical work can range between 15% and 60%

What background skills are recommended for this course?

Music Elective Stage 5 is recommended or prior musical background. It is strongly recommended, and expected, that all students have private instrumental/singing lessons. Recommended ability is 6th grade performance and 3rd grade theory/musicianship standard.

Are there additional requirements for this course?

Students must have a willingness to work both independently and in groups. Students should be proficient at reading notation.

Are there any exclusions for this course?

Music Course 1

How will this course help me in the future?

Music 2 provides many of the skills required in the diverse fields of the Music Industry. This course is designed for the academic music student and contains all the entry requirements for tertiary music courses at University with a strong foundation of knowledge, analytical and practical skills.
Personal Development Health Physical Education

What will I do in this course?

The Preliminary course examines a range of areas that underpin health and physical activity. This includes current thinking about health and physical activity, the management of personal health and basic body movement.

In the Preliminary course the core topics (70%) are: meanings of health and physical activity, better health for individuals, and the body in motion. The optional component (30%) includes two options each from: First aid, composition and performance, fitness choices, outdoor recreation.

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

The HSC course covers core topics (60%): health priorities in Australia, factors affecting performance. The optional component (40%) includes two options each from: the health of young people, sport and physical activity in Australian society, sports medicine, improving performance, equity and health.

What skills will I gain from this course?

- Understand personal and community health issues
- Understand basic anatomy and physiology.
- Have skills in analysis and in the development of personal health.

Develop self-confidence, physical wellbeing, self-esteem, physical motor skills, decision making and developing positive attitudes and beliefs.

How much practical/theory work is in this course?

This course has a substantial theory component and all practical work directly relates to the theory work in class.

What background skills are recommended for this course?

Students should have a very keen interest in PDHPE and human movement. Students who have a strong sporting background would benefit from doing this course. This course is open to all serious students who want to expand their knowledge, skills and understanding in Health and Physical Education.

Are there additional requirements for this course?

Students will be required to complete a mandatory First Aid Course.

Are there any exclusions for this course?

No

How will this course help me in the future?

Undertaking this course will provide foundation studies for those students with a special or vocational interest in human movement, and individual and community health issues. The course would be of great benefit to anyone wishing to take up a career in any of the sport sciences, nursing, coaching, fitness training or PDHPE teaching.
Photography, Video and Digital Imaging Board Endorsed / NATAR

What will I do in this course?

Students will learn to take successful black and white photos. They will learn to develop black and white films / photographs and manipulate digital images using Photoshop.

The Preliminary course covers basic camera functions and dark room technical functions.

The HSC course develops and extends skills and theoretical views of photographic practice.

What skills will I gain from this course?

- Camera and design / composition skills
- Darkroom technique
- Photoshop techniques
- Film processing
- Special effects, etc
- Different practical methods and genres of photography working in the field as a photographer, eg photo journalist

What background skills are recommended for this course?

Understanding of concepts, some background photographic experience and/or desire to take good images. Must be able to learn privately, photographic logbook skills, a good team member, cooperative worker in a close environment, eg darkroom.

Are there additional requirements for this course?

Students must have a willingness to work both independently and in groups. Students will be required to take photos of quality on school occasions such as carnivals and Night of Excellence. Students will require a camera.

How will this course help me in the future?

Students who wish to pursue a career in photography, advertising, Visual Arts, fashion, many teaching careers, communication and event management careers will find a photographic background of value.
Physics

What will I do in this course?
Physics investigates natural phenomena identifies patterns and explains their behaviour in a wide range of contexts. The Preliminary course develops a knowledge of waves, motion, forces, fields, electricity and magnetism by focusing on understanding of current communication technologies, the use of domestic electricity, interactions involving vehicles, including car crashes and the mechanisms that maintain the physical conditions of planet Earth.

The Preliminary course includes the modules:
• The World Communicates
• Electrical Energy in the Home
• Moving About
• The Cosmic Engine

The HSC course builds on the concepts of the Preliminary Course by expanding into areas such as relativity, the motor effect, and solid-state physics focusing on space flight, motors and generators and the scientific advances involved in the development of semi-conductors and electronics.

The HSC course includes the modules:
• Space
• Motors and Generators
• From Ideas to Implementation
and one option: Medical Physics or Astrophysics

What skills will I gain from this course?
Learning experiences have been designed to develop students’ expertise in the following skill areas:
• Planning investigations
• Conducting first-hand and secondary source investigations to collect and analyse data and information
• Appropriately use terminology, symbolic and visual representations and reporting styles
• Critically appraise concepts of modern physics, develop scientific thinking and solve problems
• Work effectively as an individual and as a team member

How much practical/theory work is in this course?
Practical work incorporates a wide range of experiences in addition to experimental work including observation exercises, fieldwork, modelling, processing information from secondary sources, using ICT and data loggers. Students must complete approximately 80 hours across the Preliminary and HSC courses.

What background skills are recommended for this course?
Following laboratory procedures, using laboratory apparatus, research skills, interest in detailed investigation, graph work, problem solving. It is expected that students have a strong background in Science and achieving at the highest level of Mathematics in Year 10.

Are there additional requirements for this course?
Students must demonstrate skills in safe work practice in the laboratory to meet legislative requirements, complete an open-ended investigation and research project which involve working independently and written and oral presentation components.

Are there any exclusions for this course? Preliminary Senior Science.

How will this course help me in the future?
Skills in Physics are useful in a range of courses studied at university and TAFE, in the workforce and in everyday life and for a range of careers including Medicine, Medical Science, Aviation, Electrical, Mechanical, Structural Engineering and the Defence Forces.

This course when combined with Chemistry, provides preparation for many science based and technology related tertiary courses.
What will I do in this course?
This course emphasises skill development and is particularly suited to students requiring a broad overview of science. It focuses on encouraging students to become scientifically literate citizens.

The Preliminary course is the study of water; its importance, use and conservation, the structure and function of plants; with an emphasis on Australian native plants, human anatomy and issues associated with protection of the body on the workplace and the interactions between organisms in the local ecosystem.

The Preliminary course includes the modules:
- Water for Living, Plants, Humans at Work & The Local Environment

The HSC course investigates the range of chemicals used by people living a technology-based lifestyle, diagnostic techniques, biomedical materials and devices used in medicine and the basis of information systems.

The HSC course includes the modules:
- Lifestyle Chemistry, Medical Technology – Bionics, & Information System
And one option from: Preservatives and additives; Polymers; Pharmaceuticals; Space Science; Disasters

Students may study HSC Senior Science in combination with the HSC course in Biology, Chemistry, Earth and Environmental Science or Physics.

What skills will I gain from this course?
Learning experiences have been designed to develop students’ expertise in the following skill areas:
- Planning investigations
- Conducting 1st-hand and secondary source investigations to collect and analyse data and information
- Appropriately use terminology, symbolic and visual representations and reporting styles to communicate information
- Critically appraise biological information, develop scientific thinking and solve problems related to biological concepts
- Work effectively as an individual and as a team member

How much practical/theory work is in this course?
Practical work incorporates a wide range of experiences in addition to experimental work including observation exercises, fieldwork, modelling, processing information from secondary sources, using ICT and data loggers. Students must complete approximately 80 hours across the preliminary and HSC courses.

What background skills are recommended for this course?
Following laboratory procedures, using laboratory apparatus, research skills, interest in detailed investigation, graph work, problem solving.

Are there additional requirements for this course?
Students must demonstrate skills in safe work practice in the laboratory to meet legislative requirements, complete an open-ended investigation and research project which involve working independently and written and oral presentation components.

Are there any exclusions for this course?
Preliminary courses in Biology, Chemistry, Physics and Earth and Environmental Science.

How will this course help me in the future?
Skills in science are useful in a range of courses, in the workforce and in everyday life. The course provides the background enabling students to understand the impact of Science on society. Senior Science is not considered suitable preparation for further study at university in science but may provide the necessary background for the study of social and behavioural sciences, early childhood, infants and primary teaching and some health sciences such as nursing.
What will I do in this course?
The Society and Culture course develops student awareness and understanding of basic social and cultural patterns of action and behaviour. The course trains students to think critically and independently about complex social and cultural issues. Students draw on the methods and theories of social science and use them to investigate and report their findings on social-cultural phenomena of the past, present and future. The key aim of the course is to foster and develop the social and technological literacy of students.

The Preliminary course covers:

- The Social and Cultural World (30% course time) – an examination of key society and culture concepts, the nature of society and culture and various social and cultural research
- Personal and Social Identity (40% course time) – an examination of the process of socialisation and the development of personal and social identity.
- Intercultural Communication (30% course time) – a study into the understanding of how people in different social, cultural and environmental settings behave, communicate and perceive the world.

Across these topics, appropriate social and cultural research methods will be employed and fundamental concepts of society, culture, persons, environment, time, power, authority, gender and technology are integrated as well as the additional concepts of power, authority, gender, identity, technology and globalisation.

The HSC course covers:

- Social and Cultural Continuity and Change (30% course time) – an examination of the nature of social and cultural continuity and change, through the application research methods, social theories and in relation to a selected country.
- Depth Studies (40% course time) – an examination of TWO areas to be chosen from: Popular Culture, Belief Systems and Ideologies, Social Inclusion and Exclusion and Social Conformity and Non-Conformity. These Depth Studies involve in-depth investigation of the area, its future directions.
- Personal Interest Project (PIP) (30% course time) – a compulsory individual research project

What skills will I gain from this course?
Students will gain life-long learning skills in their ability to apply and evaluate social and cultural research. They will be able to investigate and engage in effective analysis, synthesis and evaluation of information from a variety of sources and communicate information, ideas and issues in appropriate forms to different audiences in a variety of contexts.

How much practical/theory work is in this course?
Society and Culture is heavily dependent upon social research. Students are required to apply their own social research on a regular basis to verify, test and engage the fundamental concepts and understandings of the course. The Personal Interest Project (PIP) is a demanding application of this practical requirement and involves a substantial commitment of time, resources and study into the study of a social and cultural topic of the student’s own choosing.

What background skills are recommended for this course?
Critical thinking, application of theory, writing skills of mid to high order, research.

Are there additional requirements for this course?
Each student must submit a Personal Interest Project, which includes a log, to the Board of Studies for marking. This mark contributes 40% to the HSC examination mark.

Are there any exclusions for this course? There are no exclusions for this course.

How will this course help me in the future?
Society and Culture prepare students for immediate transition to work or tertiary study. Students learn to analyse issues, to write reports, to work in teams, to conduct individual research, to communicate with a variety of people in many ways and to understand their place in the global community. Society and Culture would be particularly valuable to students who wish to undertake further study in the humanities, business and law, but would provide useful skills for any student for any university or TAFE NSW course.
Software Design and Development

What will I do in this course?

The Preliminary course introduces students to the basic concepts of computer software design and development. 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:
- Concepts and Issues in the Design and Development of Software: social and ethical issues; hardware and software; software development approaches
- Introduction to Software Development: defining the problem and planning software solutions; building software solutions; checking software solutions; modifying software solutions; developing software solutions.

The HSC course builds on the Preliminary course and asks students to develop and document software using a variety of data structures and programming languages. Through this they will learn to solve a number of interesting and relevant software problems.

The HSC course covers:
- Development and Impact of Software Solutions: social and ethical issues;
- Software Development Cycle: defining and understanding the problem; planning and design of software solutions; implementation of software solutions; testing and evaluation of solutions; maintenance of solutions
- Developing a Solution Package
- Option: Evolution of Programming Language or The Software Developer’s View of the Hardware.

Students will design and develop projects using application software. These projects may include:
1. Database design – Music/DVD Online Store
2. Group Project Website Design
3. Workshops in Programming
4. Workshop Projects including online interactive games
5. Mobile Phone App development
6. Group project website design
7. Individual project – Strategy game

What skills will I gain from this course?

In the SDD course you will gain skills in:
- Designing and developing software solutions
- Managing the design and development of software
- Teamwork and communication associated with the design and development of software solutions.

How much practical/theory work is in this course?

Practical and theory are integrated in this course.

What background skills are recommended for this course?

This course is suited to any student who:
- has an interest in using computer technology
- enjoys creative and problem-solving tasks in a team environment

Are there any exclusions for this course?

No, it is not necessary to have taken Computing Studies in Years 9 and 10.

How will this course help me in the future?

Software Design & development offers opportunities for creativity and problem solving and a collaborative work environment. The subject provides students with the knowledge, understanding and skills necessary to pursue the many new, exciting and highly paid employment opportunities that exist in the field and the subject provides students with options in the workforce, TAFE and university study.
Sport, Lifestyle and Recreation (SLR)  
Board Endorsed NATAR

What will I do in this course?

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

The Sport, Lifestyle and Recreation course comprises 15 optional modules. This course caters for a wide range of student needs. It can assist students in developing:

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

It is also a course of relevance to all students as it reinforces the importance of being active and helps to develop a repertoire of skills that will assist students to remain active throughout their lives.

What skills will I gain from this course?

Through the study of Sport, Lifestyle and Recreation, students will develop:

- knowledge and understanding of the factors that influence health and participation in physical activity
- knowledge and understanding of the principles and processes impacting on the realisation of movement potential
- the ability to analyse and implement strategies that promote health, physical activity and enhanced performance
- a capacity to influence the participation and performance of self and others
- a lifelong commitment to an active, healthy lifestyle and the achievement of movement potential

How much practical/theory work is in this course?

The course features a highly practical focus: physical activity being both an area of study and a medium for learning. All students should be given significant opportunities to apply theoretical understanding to practical situations that are socially and culturally relevant and gender inclusive.

What background skills are recommended for this course?

Students should have a keen interest in PDHPE. Students who have completed the PASS course would also suit this course.

Are there additional requirements for this course?

Students will be given the opportunity to complete a First Aid Course.

Are there any exclusions for this course?

No

How will this course help me in the future?

The areas of sports science, physical education and human movement present viable post-school study and career pathways. The Sport, Lifestyle and Recreation industry is a major growth industry and in this course students will gain an understanding and appreciation of the vocational possibilities in this area.
Textiles and Design  

What will I do in this course?

The Preliminary course involves the study of design, construction techniques, fibre, yarns, fabrics and the Australian textile industry.

Practical experiences include construction of two textile items.

What skills will I gain from this course?

Design, fashion illustration, practical construction, pattern modification and fitting. Informed decision making in relation to fibres, yarns and fabric.

How much practical/theory work is in this course?

Practical 50% of course (120 hours)
Theory 50% of course (120 hours)

What background and skills are recommended for this course?

You do not have to have studied Textiles and Design prior to selecting this course. All skills and knowledge required will be developed during this two year course.

Are there additional requirements for this course?

All students design and make a major textile project of their own choice in Year 12 (HSC) that is handed in for external marking. The major textile project makes up 50% of the final HSC mark.

The external exam paper makes up the remaining 50% of the final HSC mark. The external practical project allows students to develop and display their practical skills and acquire marks towards their HSC.

A course fee applies.

Preliminary Course:
• Design – 40%
• Properties and Performance of Textiles – 50%
• The Australian Textiles, Clothing, Footwear and Allied Industries – 10%

HSC Course:
• Design – 20%
• Properties and Performance of Textiles – 20%
• The Australian Textiles, Clothing, Footwear and Allied Industries – 10%
• Major Textile Project – 50%

Are there any exclusions for this course?

No

How will this course help me in the future?

The skills and knowledge acquired are useful for a career in the retail fashion industry, theatrical design, teaching, fibre and fabric research, craftwork, interior design, advertising, marketing, commercial fabric buying and creative textile works. Skills developed also lead to a lifelong recreational skill.
Visual Arts

What will I do in this course?

Visual Arts involves students in art making, art criticism and art history. Students use a process of ideas and experiment with a variety of art making techniques and media. In the theory component, students critically and historically investigate artworks, critics, historians and artists from Australia as well as from other cultures, traditions and times. In the HSC course students will pursue their own practical interests, culminating in the making of a `body of work’.

What skills will I gain from this course?

Study of Visual arts develops skills in critical thinking and problem solving as well as technical skills in a variety of art making processes. You will also develop skills and enhance your own creativity to enable you to express yourself in a visual manner.

How much practical/theory work is in this course?

Both preliminary and HSC courses are 50% theory and 50% practical.

What background skills are recommended for this course?

Exhibition experience, self-direction, process diary skills, time management skills.

Are there additional requirements for this course?

Students must complete a final Body of Work/project which contributes to the final assessment mark.

Are there any exclusions for this course?

Work developed for assessment in any other subject must not be used in full or in part for assessment in visual arts.

How will this course help me in the future?

In Visual arts you will develop skills and qualities that are relevant to many situations in the workplace and in further study. This course encourages you to become a critical consumer of contemporary visual culture in a world that is dominated by visual images. It may lead to further post-school study at University or TAFE or vocational training in the context of the work place. It prepares you for a career in animation, illustration, design, merchandising, visual communication, professional artist, media and advertising.