Senior Studies Guide

2016 – 2017

Innovation  Opportunity  Success
A Message from the College Principal

Welcome to the award-winning Denison College of Secondary Education.

Denison College, which began operations in 2007, is a Year 7 to 12 College consisting of both the Bathurst and Kelso High Campuses. We are the largest provider of secondary education in Bathurst, with a total student enrolment of almost 1800.

In addition to the regular staff at each campus, the College staff includes four additional Head Teachers who have specific responsibilities to support students to get the best possible experience out of their secondary schooling. We also provide specialist support for Vocational Education and online learning at each campus. This college team is responsible for the implementation of a range of initiatives designed to improve the educational experience for all students across the entire college.

Denison College is committed to providing a stimulating and differentiated curriculum that meets both the present and future needs of students. The co-curricular activities for all students in Years 7-12 are wide and varied due to an extensive range of staff, resources and facilities. This blend allows the two campuses to maintain their own unique identities, but with increased opportunities for students using the combined resources of the college.

Denison College has an expansive senior curriculum that is shared across both campuses and TAFE. This year, Denison College is offering over 90 courses for study in the senior years. Shared courses operate on Lines 3, 4, 8 and outside school hours. Through the Future Directions activities, students are given comprehensive support when selecting their courses and in adjusting their pattern of study.

Other programs supported by Denison College include the band and circus programs, Girri Girri Sports Academy and iExplore/iLearn which support the transition of students from Year 6 into high school. We are also expanding our range of enrichment activities for students in the junior years (Years 7-10).

Our campuses are well-resourced and staffed by highly-capable, well-qualified specialist teachers who care deeply about providing the very best education for all children.

Craig Petersen
Principal
Denison College of Secondary Education
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Stage 6 Studies at Denison College of Secondary Education

Structure

Denison College of Secondary Education is a Year 7 to 12 College consisting of Kelso High and Bathurst High Campuses. Located in Bathurst, the college is the largest provider of secondary education in the area with over 1700 students, a college teaching staff of 130 and support staff of over 40.

The two campuses maintain their unique identities but offer increased opportunities for students through the provision of a shared senior curriculum designed to meet the diverse needs of students. Denison College also offers an outstanding range of co-curricular activities in all years, made possible by our extensive staff and facilities.

Craig Petersen, Denison College Principal, works closely with the campus principals, Geoff Hastings and Michael Sloan, as well as college and campus staff to further develop and enhance the educational experiences for all students. The college provides transport for senior students who access courses at another campus and TAFE.

Bathurst High Campus

Bathurst High Campus is a key partner in the innovative Denison College structure that is offering exceptional curriculum choice for our senior students and providing a twenty-first century learning environment through the technology of videoconferencing, interactive whiteboards and the internet. The campus is continuing a long tradition of excellence in education in the Bathurst community, boasting a dedicated and highly trained staff focused on the individual needs of our students. The award winning iExplore program builds co-curricular opportunities with our partner primary schools and our creative and performing arts programs are first class. Bathurst High is a welcoming and responsive school, building strong links within the Bathurst community, TAFE and Charles Sturt University. The opportunities for our students are first rate!

Kelso High Campus

The Kelso High Campus of Denison College was established in 1976 and has a great tradition of academic success. Kelso High is widely recognised as a leader in the performing and creative arts as well as in sport, with many of the students participating in regional and state events.

A new state of the art campus was constructed and opened in 2008. Kelso High continues to provide quality education in facilities equipped with the latest technology. Kelso High builds on the great traditions of delivering excellence, innovation, opportunity and student success. The award winning iLearn program builds co-curricular opportunities with our partner primary schools.

Western Institute of TAFE

The students of Denison College have access to over 20 TAFE delivered Vocational and Educational Training courses allowing for greater student choice. The college has developed an exclusive partnership with TAFE that allows access to facilities and staff to enhance the delivery of College based courses.

The Senior College Environment

Senior study in Years 11 and 12 allows students to attend the college and focus on career goals that can be best achieved in this setting. For students in their senior years the college provides a more adult learning environment, better preparing students for further education, training and employment. In this environment students can expect:

- to take greater responsibility for their learning
- that many of their lessons will be delivered in longer blocks of time
- that they will have times during the week where they will not have formally timetabled lessons
- that some courses may operate outside of the normal hours of 9.00 am to 3.30 pm and at different venues to their home campus
- the relationship between themselves and their teachers will change
- to be treated as young adults who can make independent choices and manage their own career transitions
- to sign a Senior Agreement at the start of the Preliminary course.

Enrolment Procedures for Year 11

- The Denison College Senior Study Guide provides details of the courses offered on all campuses. It is published for Year 10 students entering Year 11. This booklet will be used to help students select an appropriate career path post Year 10.
- All students wishing to study at a campus of Denison College in Year 11 are asked to submit an application form, detailing their proposed subject choices for Year 11.
- All applicants attend an interview, which includes career guidance and assistance to help students choose the most suitable subject combination.
- The college will contact any student with course issues after this process.
- Confirmation of course placements and subject choices are made by the end of Term 3.
- Students will be able to make further amendments to their chosen pattern of study, if necessary, up to the end of Week 4 of the Preliminary Course.
Compulsory School Leaving Age

The New South Wales Government has passed the Education Amendment Bill 2009, which changed the school leaving age to 17 years of age from 1st January 2010.

- This means that after they complete Year 10 and until they turn 17 years of age, students must:
  - Participate in full time education and training (at school or TAFE); OR
  - Be employed in paid work for at least 25 hours per week; OR
  - Have a combination of paid work and education and training for a minimum of 25 hours per week.

Further details can be found at:

Where to go for Help

- Head Teachers – Wendy Murphy (KHC) and Sandra Chapman (BHC), course teachers, year advisers and course coordinators on each campus for advice about the content of particular subjects
- Careers Adviser on each campus for advice on careers, tertiary institution requirements, TAFE NSW courses, and VET courses – Denis Behan (KHC) and Desmond Crawford (BHC)
- Deputy Principal responsible for curriculum (including Distance Education) – Greg Hurford (KHC) and Jenny Stirling (BHC)
- Parents
- Board of Studies Liaison Officer, Sandra Logan, on 6334 8048 or www.boardofstudies.nsw.edu.au
- The Senior Pathways Officer, Katie Graham, at District Office – 6334 8216
- University Entry Requirements Year 10 Booklet produced by University Admission Centre (UAC) available at www.uac.edu.au

Timeline

<table>
<thead>
<tr>
<th>Term 3, Week 1</th>
<th>Every Year 10 student will receive a copy of the Senior Studies Guide with Career Planning Guide and will have a meeting to provide information about studying for the Higher School Certificate and the Board of Studies’ requirements.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term 3, Week 2</td>
<td>Evening: All students and parents are invited to attend the Denison College Future Directions Evening at BMEC from 6 pm to hear about the Preliminary Course and Higher School Certificate, and to discuss course options with school staff, representatives from TAFE and other education and training providers.</td>
</tr>
<tr>
<td>Term 3, Week 3</td>
<td>Students must submit their initial subject selections at their home campus. Lines finalised and copies provided to students prior to interviews.</td>
</tr>
<tr>
<td>Term 3, Weeks 5 &amp; 6</td>
<td>All students and parents are invited to attend interviews at their home campus where they will have the opportunity to discuss their choices against the timetable lines that have been developed as a result initial student choices.</td>
</tr>
<tr>
<td>Term 3, Week 8</td>
<td>Preliminary course offerings will be finalised.</td>
</tr>
</tbody>
</table>
The Higher School Certificate (HSC) recognises 13 years of schooling. In the interests of greater career choices and increased opportunities at university and TAFE NSW, the HSC offers a full range of study areas matching individual abilities, interests and goals.

Full details of the Board of Studies HSC rules can be found in the Assessment, Certification and Examination (ACE) manual. This manual is available on the Board of Studies website www.boardofstudies.nsw.edu.au.

In order to receive the HSC you must:

- Study an approved pattern of Preliminary and HSC courses
- Have a satisfactory record of attendance and application in each course
- Satisfactorily undertake the school’s assessment program in each course
- Complete a sufficient number of Preliminary and HSC courses within five examination years

Preliminary courses are those usually taken in Year 11 and do not have an external examination.

HSC courses are usually taken in Year 12 and mostly end with a HSC examination. The study of HSC courses usually commences in Term 4 of Year 11.

You must complete the Preliminary course in a subject before undertaking the HSC course in that subject. In some circumstances both the Preliminary and HSC component of a subject may be studied in one year.

Vocational Education and Training (VET) courses are not classified as Preliminary or HSC and may be studied in either year.

Course Patterns

Most courses offered for the Higher School Certificate have a 2 unit Preliminary and a 2 unit HSC component.

Each 2 unit course requires approximately 120 hours per year, or 4 hours per week, of classroom study.

In the Preliminary year (Year 11) Extension 1 courses are available in English and Mathematics.

In the HSC year (Year 12) Extension courses are available in English, Mathematics, History, Music and all VET (Vocational Education and Training) courses.

There are two main types of courses:

**Board Developed Courses**

These are courses for which the Board of Studies develops a syllabus specifying aims, objectives, outcomes, structure and content. Most Board Developed HSC courses, including the VET Framework courses, may contribute to the calculation of the Australian Tertiary Admissions Rank (ATAR). Most Board Developed Courses at Denison College are delivered at school, except Accounting, Automotive, Electrotechnology, Human Services and Tourism, which are TAFE delivered.

Life Skills courses are Board Developed courses that are specially designed to meet the needs of students within the context of an individual transition-planning process. They are not examined externally, and do not contribute to an ATAR.

**Board Endorsed Courses**

There are two types of Board Endorsed Courses: Content Endorsed and Locally Developed. Most of the courses available at Denison College are Content Endorsed Courses that have syllabuses endorsed by the Board of Studies to cater for areas of special interest. Some courses are locally designed and have been approved by the Board of Studies.

All Board Endorsed Courses count towards the Higher School Certificate and are listed on the Record of Achievement. However, Board Endorsed Courses do not count towards calculation of the ATAR, as there is no external examination and assessment is school based. There are several Board Endorsed Courses delivered by both campuses of Denison College and by TAFE NSW.

**Requirements for the Award of the HSC**

English is the only compulsory Higher School Certificate subject.

To be eligible for the award of the Higher School Certificate you must satisfactorily complete at least:

- 12 units in your Preliminary study pattern (Year 11 – 3 terms)
- 10 units in your HSC pattern (Year 12 – 4 terms starting Term 4 of Year 11)

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 6 units of science courses can be studied in any one year.

**Oral, practical and project work required for specific courses and the assessment requirements for each course must be completed.**

A serious attempt at the required Higher School Certificate examinations must be made.
Senior Studies Guide

**Australian Tertiary Admission Rank (ATAR)**

Generally one in three students will gain entrance to university in the two years following the Higher School Certificate. Most of these students will be selected for university entrance using the ATAR. Some students may gain entrance to university through early admission schemes. Charles Sturt University offers admission to a small number of students this way (see Careers Advisers for information), whilst other students will gain entry to university as mature age students.

The sole purpose of the ATAR is to assist universities in selecting students for entry into their courses in the first two years beyond the Higher School Certificate. If a student does not wish to enter university in the first two years of completing the Higher School Certificate, there is no need to gain an ATAR.

To be eligible for an ATAR, students must satisfactorily complete 10 units of HSC Board Developed Courses including:

- The best 2 units of English
- The best 8 units from the remaining units subject to the provision that only 2 units of Category B Courses are included.

Students considering university entrance at the end of Year 12 should consult with the University Entry Requirements Booklet produced by the University Admission Centre (UAC) and their Careers Adviser.

**Vocational Education and Training (VET)**

Vocational Education & Training (VET) courses teach industry specific skills relevant to future study and employment. These courses are competency based and allow you to gain both HSC qualifications and Australian Qualifications Framework (AQF) accreditation. AQF qualifications are recognised by industry and employers throughout Australia and give students advanced standing in related study at TAFE NSW. A workplace component is a compulsory part of all VET Framework courses.

There are now 13 Board Developed VET courses that are based on Industry Training Packages. These courses are designated Board Developed (Category B) for the purposes of the calculation of the ATAR. Students must study the 240 hour course and undertake the optional written examination to have the course contribute to the ATAR calculation.

The Board Developed VET courses available are:

- Accounting (delivered by TAFE NSW)
- Automotive (delivered by TAFE NSW)
- Business Services
- Construction
- Entertainment Industry
- Electro-technology (delivered by TAFE NSW)
- Hospitality
- Human Services (delivered by TAFE NSW)
- Information and Digital Technology
- Metal and Engineering
- Primary Industry
- Retail Services
- Tourism (delivered by TAFE NSW)

Other VET courses are Board Endorsed. These courses have no external examination and do not contribute to the ATAR. Most are delivered at TAFE (examples include: Companion Animals, Beauty Therapy, Early Childhood Education and Care, Fitness, Hairdressing and Plumbing).

For further information on VET courses, see Sections 4.2, 4.4, 4.6 and page 62 in this booklet.

**Disciplinary Procedures**

- Students are expected to adhere to the rules and regulations of the school. Where a student is studying a course at another site besides their home school, the student is expected to comply with the rules and regulations at the site where the course is delivered. Staff delivering to students who are not part of the school will provide a copy of the school’s rules and regulations to these students as part of the course commencement package.

- Where a student is travelling from one school to another site to access a course, the disciplinary policies and procedures of the home school will apply whilst the student is travelling.
Accumulation of the Higher School Certificate (HSC)

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

Students accumulating an HSC will receive a Record of Achievement for each calendar year of study. The accumulative record will show all Preliminary and HSC courses satisfactorily completed, including repeat attempts. The mark of the final attempt on a particular course is the mark counted in the ATAR.

Acceleration

Students may undertake Preliminary or HSC courses in advance of their usual cohort. The campus Principals will make decisions about acceleration. Students who are accelerated may be able to undertake additional units for the HSC or undertake further study at TAFE NSW while still at school.

Assessment and Reporting

At the commencement of both the Preliminary and HSC Courses, students will be issued with a Denison College Assessment Booklet and a Wall Planner.

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

School based assessment tasks constitute 50% of the HSC mark. The other 50% comes from the HSC examination. The HSC mark for 2 unit courses is reported on a scale of 0 to 100. A mark of 50 represents the minimum standard expected. There are five performance bands above 50 that correspond to different levels of achievement in knowledge, skills and understanding. Band 6 corresponds to the highest level of achievement, indicating a range of marks between 90 and 100.

Credentials for School Leavers

Record of School Achievement (RoSA)

The RoSA has been designed to provide grades for all Stage 5 (Year 10) and Stage 6 (Preliminary) courses completed during secondary education.

Teachers will submit grades to the Board of Studies NSW for all courses the student completes in both Stage 5 and 6.

If a student does not complete a course in Year 11 or 12, their RoSA will record their enrolment without showing a grade.

Only students who leave school and who satisfy eligibility requirements for the RoSA will receive the formal credential.

Students who leave school and who are not eligible for a RoSA will be able to receive a Transcript of Study from the school at their time of departure.

On satisfactory completion of the HSC, students receive a portfolio containing:

- The Higher School Certificate Testamur
- The official certificate confirming achievement of all requirements for the award of the HSC.
- The HSC Record of Achievement
- The document listing the results of each HSC and Preliminary Course attempted.
- The HSC Course Reports
- Reports of marks, the performance scale and band descriptors for each HSC course.
- AQF Certificate in school delivered VET courses
- Certificate or Statement of Attainment for each VET course studied, showing modules successfully completed.
- Record of School Achievement
- Students who receive their HSC will be able to receive a RoSA at the same time as their HSC detailing their achievement in their earlier years of study.

- The course descriptions that follow are intended as a guide to help you select your subjects.
- The arrangements for particular courses and electives offered may vary from one campus to another and it is your responsibility to seek specific information from your preferred campus.
- Classes can only be formed where sufficient students select the particular course.
### Board Developed Courses

<table>
<thead>
<tr>
<th>Units</th>
<th>Subject</th>
<th>Type</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Aboriginal Studies</td>
<td>VET</td>
<td>Business Services (Online)</td>
</tr>
<tr>
<td>2</td>
<td>Agriculture</td>
<td>VET</td>
<td>Construction</td>
</tr>
<tr>
<td>2</td>
<td>Ancient History</td>
<td>VET</td>
<td>Entertainment Industry</td>
</tr>
<tr>
<td>2</td>
<td>Biology</td>
<td>VET</td>
<td>Hospitality</td>
</tr>
<tr>
<td>2</td>
<td>Business Studies</td>
<td>VET</td>
<td>Information and Digital Technology</td>
</tr>
<tr>
<td>2</td>
<td>Chemistry</td>
<td>VET</td>
<td>Metal and Engineering</td>
</tr>
<tr>
<td>2</td>
<td>Community and Family Studies</td>
<td>VET</td>
<td>Primary Industries</td>
</tr>
<tr>
<td>2</td>
<td>Dance</td>
<td>VET</td>
<td>Retail Services</td>
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<tr>
<td>2</td>
<td>Drama</td>
<td>VET</td>
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<tr>
<td>2</td>
<td>Earth and Environmental Science</td>
<td>VET</td>
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<tr>
<td>2</td>
<td>Economics</td>
<td>VET</td>
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<tr>
<td>2</td>
<td>Engineering Studies</td>
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<td>English Standard</td>
<td>VET</td>
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<td>1</td>
<td>English Extension 1</td>
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<tr>
<td>1</td>
<td>English Extension 2 (HSC only)</td>
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<tr>
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<td>Food Technology</td>
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<tr>
<td>2</td>
<td>Geography</td>
<td>VET</td>
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<td>History Extension (HSC only)</td>
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<tr>
<td>2</td>
<td>Industrial Technology - Graphics</td>
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<td></td>
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<tr>
<td>2</td>
<td>Industrial Technology - Multimedia</td>
<td>VET</td>
<td></td>
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<tr>
<td>2</td>
<td>Industrial Technology - Timber Products and Furniture</td>
<td>VET</td>
<td></td>
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<tr>
<td>2</td>
<td>Japanese Continuers</td>
<td>VET</td>
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<tr>
<td>2</td>
<td>Legal Studies</td>
<td>VET</td>
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<tr>
<td>2</td>
<td>General Mathematics</td>
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<tr>
<td></td>
<td>(Note: HSC course, General Maths 1 - CEC, General Maths 2 - Category A)</td>
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<tr>
<td>2</td>
<td>Mathematics</td>
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<tr>
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<tr>
<td>2</td>
<td>Modern History</td>
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</tr>
<tr>
<td>2</td>
<td>Music 1</td>
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<td></td>
</tr>
<tr>
<td>2</td>
<td>Music 2</td>
<td>VET</td>
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<td>PDHPE</td>
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<td>Physics</td>
<td>VET</td>
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<td>2</td>
<td>Senior Science</td>
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<td>2</td>
<td>Society and Culture</td>
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<td>2</td>
<td>Software Design and Development</td>
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<td>2</td>
<td>Studies of Religion II - through Distance Education</td>
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<tr>
<td>2</td>
<td>Textiles and Design</td>
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<tr>
<td>2</td>
<td>Visual Arts</td>
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### Content Endorsed Courses

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<th>Units</th>
<th>Subject</th>
<th>Type</th>
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<tbody>
<tr>
<td>2</td>
<td>English Studies</td>
<td>NON ATAR</td>
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</tr>
<tr>
<td>2</td>
<td>Exploring Early Childhood</td>
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</tr>
<tr>
<td>2</td>
<td>Photography, Video and Digital Imaging</td>
<td>NON ATAR</td>
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<tr>
<td>2</td>
<td>Sport, Lifestyle and Recreation</td>
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<tr>
<td>2</td>
<td>Work Studies</td>
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### Board Developed Life Skills

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<th>Units</th>
<th>Subject</th>
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<tbody>
<tr>
<td>2</td>
<td>English Life Skills</td>
<td>NON ATAR</td>
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</tr>
<tr>
<td>2</td>
<td>Mathematics Life Skills</td>
<td>NON ATAR</td>
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<tr>
<td>2</td>
<td>Work and Community Life Skills</td>
<td>NON ATAR</td>
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### Board Endorsed VET

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<tr>
<td>2</td>
<td>Sport Coaching</td>
<td>TAFE Delivered Course</td>
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### Category B Subjects

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<tr>
<td>2</td>
<td>TVET Accountancy</td>
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<td>TVET Automotive</td>
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<td>TVET Electrotechnology</td>
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<td>2</td>
<td>TVET Human Services - Nursing</td>
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<tr>
<td>2</td>
<td>TVET Tourism</td>
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<tr>
<td>2</td>
<td>Animal Studies</td>
<td>NON ATAR</td>
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<td>2</td>
<td>Aviation - Aircraft Operation (Theory)</td>
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<td>2</td>
<td>Beauty Therapy</td>
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<td>Companion Animals</td>
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<td>Design Fundamentals</td>
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<td>Early Childhood Education and Care</td>
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<tr>
<td>Gain a Trade Qualification (which Trade/s are you interested in?)</td>
<td>Complete Year 11 and 12 and then to study at University</td>
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<td>Gain Full-Time Employment</td>
<td>Complete Year 11 and 12 and then find Employment or continue on other study</td>
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<td>Continue to other study (e.g. TAFE)</td>
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Board Developed Courses
These are courses for which the board of Studies develops a syllabus, setting out the aims, objectives, outcomes, structure and content.
To be eligible for the HSC, students must select at least 6 units from Board Developed Courses, including 2 units of English.
Board Developed Courses are all delivered at school.
Most Board Developed HSC Courses contribute to the calculation of the ATAR.
Aboriginal Studies
2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Major Project: Yes
Fees: Nil

What will I be doing in this course?
The Preliminary course focuses on Aboriginal peoples’ relationship to the land, Aboriginal heritage and identity and an historical examination of colonialism, racism and prejudice from pre-contact times to the 1960s. The course also includes the development of skills in culturally appropriate research and inquiry methods. It involves a mandatory local community case study.

The HSC course provides an in-depth study of legislation, policy, judicial processes and current events from the 1960s. During the course, students will undertake consultation with the local Aboriginal community and will study national and international indigenous communities. Students apply research and inquiry methods through the completion of a major project that will include a log documenting all work completed. The course covers core case studies in a global perspective of ‘Social Justice and Human Rights Issues’ across 2 topics chosen from health, education, housing, employment, criminal justice and economic independence, and an elective study in ‘Aboriginality and the Land’ or ‘Aboriginal Heritage and Identity’.

During this course students learn to:
- Understand significant issues related to Aboriginal peoples
- Investigate issues from a variety of sources including the use of information technology
- Conduct fieldwork including community consultation
- Analyse and evaluate information from a variety of perspectives
- Communicate information effectively using a variety of media
- Develop informed and responsible values and attitudes about social justice, intercultural understanding, empathy with Aboriginal peoples’ experiences, views and ethical practices

How will this course help me in the future?
The knowledge, skills and competencies developed in Aboriginal Studies are useful in courses studied at university and TAFE NSW, the world of work and for everyday life.

They are particularly applicable to law, policing, teaching, medicine, nursing, environmental studies, travel and tourism, communications, social work and journalism.

Agriculture
2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Major Project: No
Fees: $20

What will I be doing in this course?
This course will provide students with a better understanding of the production and marketing of agricultural products, especially those of relevance to the local area.

The course is made up of four main components:
- Overview of Australian Agriculture
- The Farm Case Study
- Plant Production
- Animal Production

Students will complete one option topic from the following areas:
- Agri-food, Fibre and Fuel Technologies
- Climate Challenge
- Farming for the 21st Century

Students should also develop the associated skills and responsible attitudes that are necessary to manage and market these products in a sustainable manner.

How will this course help me in the future?
The study of Agriculture Stage 6 provides students with knowledge, understanding and skills that form a valuable foundation for a range of courses at university and other tertiary institutions.

In addition, the study of Agriculture Stage 6 assists students to gain recognition in vocational education and training.
Ancient History
2 Units in each of Preliminary and HSC
Board Developed Course – Category A
Major Project: No
Fees: Nil

What will I be doing in this course?
The Preliminary course is structured for students to investigate:
- People, groups, events, institutions, societies and historical sites from the ancient world
- Archaeological and written evidence and the methods used by historians and archaeologists

It covers:
Part I: Investigating the Past; History, Archaeology & Science. Topics may include Preserved Human Remains, Great Discoveries and Archaeology
Part II: Ancient Societies, Sites and Sources. Topics may include the Celts, Tutankhamen, Roman Britain, the Entombed Warriors of China, Building the Impossible – Great Buildings of the Ancient World
Part III: Historical Investigation
In the HSC course, students use archaeological and written evidence to investigate a Personality, an Ancient Society and a Historical Period, as well as a Compulsory study.

It requires study of at least two of the following civilisations: Egypt, Near East, Greece and Rome.

Part I: Compulsory Study: Cities of Vesuvius – Pompeii and Herculaneum
Part II: One Ancient Society – e.g. The Spartans, The Persians, or The Minoans
Part III: One Personality in Their Times – e.g. Alexander the Great, Xerxes, Hatshepsut, Agrippina the Younger, Julius Caesar
Part IV: One Historical Period – e.g. Egypt in the New Kingdom or Greek World 500-440 (The Persian Wars) or the Julian-Claudian Emperors (Rome), The Fall of the Roman Republic.

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.

A high level of achievement in Ancient History is a good indicator of success at tertiary level in a wide range of courses.

Biology
2 Units in each of Preliminary and HSC
Board Developed Course – Category A
Exclusion: Preliminary Senior Science
Major Project: No
Fees: $20

Biology is the study of living organisms, life processes and the interactions between organisms and their environment. Students develop a sound understanding of human body function, the environment and topical areas of science such as environmental management, genetic engineering, the human genome project, stem cell research and disease management and prevention.

What will I be doing in this course?
The Preliminary course begins with looking at how the structure of living things relates to their function from the sub cellular to the system level. Other units investigate the origins of life and how the Australian environment has changed over time with an emphasis on our unique wildlife. We conclude the course with investigating a local ecosystem on a field study.

The HSC course examines how organisms are able to maintain their internal environment despite a constantly changing external environment. How we inherit our characteristics, what can go ‘wrong’ with this process and the ways technology have altered this, are studied. In the ‘Search for Better Health’ students investigate the causes of disease, how our bodies naturally defend us and how technology and public health measures can assist in the prevention of disease.

A final option topic focuses on the new technologies available to enhance and understand human body function and health.

Students considering studying Biology are advised to consider studying Chemistry and/or Earth and Environmental Science as there is some commonality of material studied.

How will this course help me in the future?
The skills and knowledge developed in Biology are useful for understanding your own body as well as being valuable in a range of courses studied at University. Students intending to study any of the Health Sciences, Veterinary Science, Medicine, Agriculture, Forestry or Environmental Science are strongly advised to study Biology.
Business Studies
2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Major Project: No
Fees: Nil

What will I be doing in this course?
Business Studies investigates the role, operation and management of businesses within our society. Factors in the establishment, operation and management of a small business are integral to this course.

Students develop research and independent learning skills in addition to analytical and problem solving competencies through their research projects. In the Preliminary course, each student must investigate the operation of a small business or plan the establishment of a small business.

In the Preliminary course students study:
- Nature of Business
- Business Management
- Business Planning

The HSC course covers:
- Operations
- Marketing
- Finance
- Human Resources

The Higher School Certificate Exam:
Students will be required to complete a three hour written exam consisting of:
- 20 multiple choice questions
- Short answer questions
- A business report on a hypothetical business scenario incorporating several topics.
- An extended response from a choice of two questions.

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, as well as in the workforce and everyday life.

Business Studies helps to prepare students for employment and full and active participation as citizens.

Chemistry
2 Units in each of Preliminary and HSC
Board Developed Course – Category A
Exclusion: Preliminary Senior Science
Major Project: No
Fees: $20

What will I be doing in this course?
In order to use the Earth's resources effectively and efficiently, it is necessary to understand the properties of the elements and compounds found in the mixtures that make up the Earth's materials. Students then study metals, their properties and how this affects their use in society. An investigation of the physical and chemical properties of water allows us to understand why water is crucial to life and our lifestyle on Earth. Energy use and sources are a major issue for the world at present. This final unit addresses this area of study.

The HSC course builds on the Preliminary course by studying the synthesis of materials, renewable sources of energy and the use of radioactive substances. Acids have had a significant effect on the formation of the earth, are important in food preservation and our body chemistry. An investigation of their properties is undertaken. A module on chemical monitoring and management of the environment encourages discussion of how chemists can assist in reversing or minimising the environmental problems caused by technology.

An option topic is selected from Industrial Chemistry, The Biochemistry of Movement, The Chemistry of Art, Forensic Chemistry and Shipwrecks, Corrosion and Conservation.

Practical experiences should occupy a minimum of 80 hours teaching time across both the Preliminary and HSC course and these will be assessed in examinations and assignments.

Students considering studying Chemistry are advised to consider studying one or two of Biology, Earth and Environmental Science or Physics as there is some commonality of material studied. The same skills outcomes are also assessed in each course. A maximum of three science subjects can be studied.

How will this course help me in the future?
This course is highly recommended for the many science based courses at University. It is especially appropriate for students interested in Pharmacy, Engineering, Biochemistry, Biotechnology, Environmental Science, Food Science, Metallurgy, Agriculture, Medicine or any of the Health Sciences.
**Community and Family Studies**

2 units for each of Preliminary and HSC  
Board Developed Course - Category A  
Major Project: Yes  
Fees: Nil

*What will I be doing in this course?*

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

The Preliminary course covers:

- Resource Management - basic concepts of the resource management process  
- Individuals and Groups - the individual’s roles, relationships and tasks within groups  
- Families and Communities - family structures and functions and the interaction between family and community

The HSC course covers:

- Research Methodology culminating in the production of an Independent Research Project; Groups in Context - the characteristics and needs of specific community groups  
- Parenting and Caring - issues facing individuals and groups who adopt roles of parenting and caring in contemporary society and one of the following HSC option modules: Family and Societal Interactions, Social Impact of Technology and Individuals and Work

Students are required to complete an Independent Research Project as part of the HSC internal assessment. This major project will have a focus that must be related to the course content of one or more of the following areas: individuals, groups, families, communities or resource management.

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

This course develops skills and understanding that are relevant to life after school. It helps students to set goals and make decisions about themselves, their families and the community.

It is relevant to a wide range of further studies at both TAFE and university and has particular application in careers such as Business Management, Human Resource Management, Teaching, Social Work, Nursing, Counselling and Marketing.

**Dance**

2 Units in each of Preliminary and HSC  
Board Developed Course - Category A  
Exclusions: Projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.  
Major Project: Yes  
Fees: $20  
Some extra costs may be incurred for practical aspects and projects within this course.

*What will I be doing in this course?*

Students undertake a study of dance as an art form. Students studying Dance bring with them a wide range of prior dance experience.

Physical training and preparation of the body is fundamental and of paramount importance to the course and informs all three components of the course.

There are three components to Dance: Performance, Composition and Appreciation.

In addition, time is allocated by the teacher to suit the specific circumstances/context of the class.

Preliminary and HSC Dance focuses on the generic style of dance technique, which is based on the foundations of contemporary and ballet technique. Some experience in these styles is recommended.

Dance is studied as an art form in this course. This means that dance is analysed, performed and choreographed as a means of communicating a concept/intent to an audience. Students must approach the subject with an open mind, and from an artistic point of view, to achieve success in this course.

In the HSC Course students continue common study in the three core components of Performance, Composition and Appreciation and also undertake an in-depth study of dance in one of the Major Study components, Performance, Composition, Appreciation or Dance and Technology.

The interrelation of the course components is a major feature in the study of dance as an art form and is emphasised throughout both courses.

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

Dance provides students with a variety of skills, which will be beneficial to them in any career.

It would be particularly useful for those who may be considering a dance-related career such as choreography, dance teaching, dance therapy, physiotherapy or dance writing and criticism.
**Drama**

2 Units in each of Preliminary and HSC

Board Developed Course - Category A

Major Project: Yes

Exclusions: Projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.

Fees: $20 Some extra costs may be incurred for practical aspects and projects within this course.

**What will I be doing in this course?**

Students study the practices of Making, Performing and Critically Studying in Drama. Students engage with these components through collaborative and individual experiences.

The Preliminary course covers:

- Improvisation, Play building, Acting
- Elements of Production in Performance
- Theatrical Traditions and Performance Styles

The HSC Course involves theoretical study through:

- Practical workshops exploring theme, issues, styles and movement
- Australian Drama and Theatre
- Studies in Drama and Theatre
- The Group Performance (3 - 6 students) involves creating a piece of original theatre (8 to 12 minutes duration). It provides an opportunity for each student to demonstrate his or her performance skills.
- The Individual Project where students demonstrate their expertise in a particular area. They choose one project from: Critical Analysis, Design (costume design, set design, promotion and program, lighting design), Performance, Script-writing and Video Drama
- 1 ½ hour written HSC exam

This course will provide students with knowledge and skills to:

- Make and perform different styles of drama
- Critically study drama and theatre in written form
- Work both independently and with others in teams to plan and organise activities
- Solve problems
- Collect, analyse and organise information and communicate ideas and information

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

Students who wish to pursue a career in theatre or the entertainment industry, public relations and media communications education can gain relevant skills and experience through this course.

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**Earth and Environmental Science**

2 Units in each of Preliminary and HSC

Board Developed Course – Category A

Major Project: No

Exclusion: Preliminary Senior Science

Fees: $20

A study of Earth and Environmental Science is particularly relevant in these times of tsunamis, earthquakes and volcanoes, climate change, non-renewable resource management and alternative energy source development.

**What will I be doing in this course?**

In the Preliminary course students learn about the formation of the Earth, the changes to it over time, crustal movements and the origins of life on Earth. The physical, chemical and biological parts of the environment are investigated in the context of environmental issues and the role individuals and governments play in managing such issues.

The HSC course builds upon the Preliminary course. It examines the dynamic nature of the Earth’s crust and how technology can predict and assist in the natural disasters ensuing from it. A detailed study of the evolution of life with particular emphasis on Australia is undertaken. Australian land and water management is investigated along with an analysis of the evidence for, and management of, climate change.

An option topic is selected from Introduced Species and the Australian Environment, Organic Geology, Oceanography and Mining and the Australian Environment.

Practical experiences should occupy a minimum of 80 hours teaching time across both the Preliminary and HSC course and these will be assessed in examinations and assignments.

Students considering studying Earth and Environmental Science are advised to consider studying Chemistry and/or Biology as there is some commonality of material studied. The same skills outcomes are also assessed in each course.

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

This subject will be valuable to students pursuing careers in Geology, Mining, Metallurgy, Archaeology, Environmental Science, Conservation and Land Management, Landscaping, Land Care or Forestry either through TAFE or university.
**Economics**

2 Units in each of Preliminary and HSC  
Board Developed Course - Category A  
Major Project: No  
Fees: Nil  

*What will I be doing in this course?*

Economics provides an understanding of many aspects of the economy and its operation, which are frequently reported in the media. It investigates issues such as why unemployment or inflation rates change and how these changes will impact on individuals in society. Economics develops students’ knowledge and understanding of the operation of the global and Australian economy. It develops the analytical, problem-solving and communication skills of students.

The Preliminary course covers:

- Introduction to Economics  
- Consumers and Business  
- Markets – demand, supply and competition  
- Labour Markets – the workforce  
- Financial Markets – including the share market  
- Government in the Economy

The HSC course covers:

- The Global Economy – globalisation  
- Australia’s Place in the Global Economy  
- Economic Issues – including economic growth, unemployment, inflation, external stability, distribution of wealth and environment  
- Economic Policies and Management

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

Economics is recommended study for anyone contemplating a career in accountancy, business, industrial relations, management, advertising, marketing, real estate or administration.

The successful study of Economics will give credit transfer to a range of Business courses at TAFE NSW as well as being recommended study for university study in a business related field. It would also be valuable to those individuals who wish to be self-employed.

**Engineering Studies**

2 Units in each of Preliminary and HSC  
Board Developed Course – Category A  
Major Project: No  
Fees: $20  

*What will I be doing in this course?*

This course investigates the mechanical environment and the science of materials through the study of a range of engineering fields.

Through the study of aspects such as the historical development of products, the principles associated with bridges, truss work, motion, friction, hydraulics and propulsion, together with telecommunications, aeronautics and electrical/electronics, the student will gain an understanding of materials’ properties and industrial forming processes, and how engineers utilise this knowledge to improve our lives.

This subject will complement work studied in Physics, Chemistry and Mathematics (although it is not necessary to study these to study Engineering Studies), often providing a very good practical application for many of the theoretical concepts and principles studied in these subjects.

Having studied this course you will gain a good understanding of how many engineered solutions are achieved and will be better equipped to undertake such problem solving yourself.

This may include:

- Calculating safe loads on structures  
- Achieving greatest efficiency out of mechanisms  
- Being able to make informed choices regarding suitability of materials and forming and manufacturing processes  
- Having the skills to communicate both in written and graphical forms to present solutions to engineering and manufacturing problems

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

Engineering has a vast diversity of disciplines including mechanical, manufacturing, design, biomedical, electrical, communications, and maritime and aeronautics.

It should be emphasised that there is a high demand for engineers presently and particularly female engineers.

Students also interested in pursuing metal or telecommunications will benefit greatly from the study of this subject.
English Advanced
2 Units in each of Preliminary and HSC
Board Developed Course – Category A
Major Project: No
Fees: Nil

What will I be doing in this course?
Students examine the ways that events, experiences, ideas, values and processes are represented in and through texts and analyse the ways texts reflect different values and attitudes. They analyse and evaluate texts and the ways they are valued in their contexts.

The Preliminary course has two sections:
Content common to Standard and Advanced through a unit of work called an Area of Study; and electives, which comprise 60% of the content.
It requires:
▪ Study of Australian and other texts
▪ Exploration of a range of types of text drawn from prose fiction, drama, poetry, non-fiction, film or media or multimedia texts, including wide reading
▪ Integrating the modes of reading, writing, listening, speaking, and viewing and representing as appropriate
▪ Engaging in the integrated study of language and text

The HSC course has two sections:
Common content consists of one area of study common to both Standard and Advanced courses
Modules which emphasise particular aspects of shaping meaning and representation, questions of textual integrity, and ways in which texts are valued
It requires:
▪ The close study of at least five types of prescribed text, one drawn from each of the following categories: Shakespearean drama; prose fiction; drama or film; poetry; nonfiction or media or multimedia texts
▪ A wide range of additional related texts and textual forms

How will this course help me in the future?
Communication is the most basic requirement in modern Australian society in any field of further study, employment or life. This is why English is the only subject that is compulsory to study for the HSC. Students who study the Advanced English course will be well equipped for further study of English and related disciplines at university.

Success in this demanding course will be a good indicator of success in a large range of courses at TAFE NSW or university.

English Standard
2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Major Project: No
Fees: Nil

What will I be doing in this course?
Students explore the ways events; experiences, ideas and processes are represented in and through texts. They reflect on and demonstrate the effectiveness of texts for different audiences and purposes.

The Preliminary Course has two sections:
▪ Content common to the Standard and Advanced courses, and Electives which comprise 60% of the content.
It requires:
▪ Study of Australian and other texts
▪ Exploration of a range of types of text drawn from prose fiction, drama, poetry, non-fiction, film or media or multimedia texts
▪ A wide reading program involving texts and textual forms composed in and for a wide variety of contexts
▪ Integrating the modes of reading, writing, listening, speaking, viewing and representing as appropriate
▪ Engaging in the integrated study of language and text

The HSC Course has two sections:
Content common to the Standard and Advanced courses, and Modules, which provide elective choices.
It requires:
▪ The close study of at least four types of prescribed text, one drawn from each of the following categories: prose fiction; drama; poetry; nonfiction or film or media or multimedia
▪ A wide range of additional related texts and textual forms

How will this course help me in the future?
Communication is the most basic requirement in modern Australian society in any field of further study, employment or life. This is why English is the only subject that is compulsory to study for the HSC.

Students who study the Standard English course gain good preparation for further education at TAFE NSW and employment in a wide range of career areas. Standard English is accepted for entry to all university courses but it is not considered suitable preparation for students who wish to study English at university.
**English Preliminary Extension 1**
1 Unit in Preliminary

**English HSC Extension 1**
1 Unit in HSC

**English HSC Extension 2**
1 Unit in HSC

Board Developed Courses – Category A
Prerequisites:
English (Advanced) course
Preliminary Extension English Extension Course is prerequisite for HSC Extension Course 1
HSC Extension Course 1 is co-requisite for HSC Extension Course 2
Exclusions: English Standard; Fundamentals of English;
English ESL, English Studies
Major Project: No except for English HSC Extension 2
Fees: Nil

**What will I be doing 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 perceived as culturally significant. They explore ideas of value and consider how cultural values and systems of valuation arise.

In the Preliminary Extension course, students examine a key text from the past and its manifestations in one or more popular cultures. Students also explore, analyse and critically evaluate different examples of such appropriations in a range of contexts and media.

The HSC Extension Course 1 has one section. Students must complete one elective chosen from one of the three modules offered for study: Genre; Texts and Ways of Thinking; Language and Values. It requires the study of prescribed texts, as well as a range of other relevant examples.

In the HSC English Extension Course 2, students develop a sustained composition and document their reflection on this process. It requires students to complete a Major Work and a statement of reflection.

**How will this course help me in the future?**
As the course is analytical in nature, students will develop skills that are relevant to all forms of tertiary study. Students wishing to specialise in English or other humanities subjects at tertiary level will be well prepared by the Extension English courses.

**Food Technology**
2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Major Project: No
Fees: $50
Some extra costs may be incurred for practical aspects and projects within this course

**What will I be doing 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.

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

It is mandatory that students undertake practical activities in this course.

The Preliminary course covers:
- Food Availability and Selection
- Food Quality
- Nutrition

The HSC course covers:
- The Australian Food Industry
- Food Manufacture
- Food Product Development
- Contemporary Food Issues in Nutrition
- HSC Examination: 3 hour written examination
A fee applies to cover the cost of ingredients of experimentation.

Students will also be required to supply their own ingredients for some practical activities during each year.

**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 NSW or university.

The study of Food Technology will give you credit transfer in some certificate and diploma courses at TAFE NSW and other registered training authorities. Career options might include dietetics, food technology, teaching, nutrition and nursing.
Geography
2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Major Project: Yes
Fees: Nil

**What will I be doing in this course?**

The Preliminary course investigates biophysical and human geography. Enquiry methodologies are used to investigate the unique characteristics of our world through fieldwork, geographical skills and the study of contemporary geographical issues. The course covers: Biophysical Interactions; how biophysical processes contribute to sustainable management, and Global Challenges; the study of geographical issues on a global scale.

The HSC course enables students to appreciate geographical perspectives about the contemporary world. There are specific studies about biophysical and human processes, interactions and trends. Fieldwork and a variety of case studies combine with an assessment of the geographers’ contribution to understanding our environment.

The HSC course covers Ecosystems at Risk; the functioning of ecosystems, their management and protection, Urban Places; a study of cities and urban dynamics, and People and Economic Activity; in a local and global context.

Students complete a Senior Geography Project (SGP) in the Preliminary course and must undertake 10 hours of fieldwork in both the Preliminary and HSC courses. Fieldwork reports make up a considerable part of the assessment in both years and attendance and completion of fieldwork are essential, as well as fun.

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

Geography gives students a broad range of skills to interpret the world around them. All careers, including law, tourism and business will benefit from the study of Geography. The managers of the future must think globally and act locally. Geography gives them a head start.

HSC History Extension
1 Unit HSC
Board Developed Course - Category A
Major Project: Yes
Fees: Nil

**What will I be doing in this course?**

The HSC History Extension Course involves the study and evaluation of the ideas and processes used by historians to produce history.

In Part I of the course, students investigate the question, ‘What is history?’ through readings compiled in a source book and through one case study, e.g. J F Kennedy, Convict Women in NSW.

In Part II, student's design, undertake and communicate a personal historical inquiry.

Students must have successfully completed the Preliminary Course and be currently studying an HSC Course in either Modern or Ancient History to attempt the Extension and must have good research skills and an independent approach to learning.

HSC Exam: A two hour written exam with two essay questions. The first on ‘What is History?’ and the other on the selected Case Study.

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

HSC will provide you with critical and reflective thinking skills that are essential for effective participation in work, higher learning and the broader community.

In particular, the course will develop many higher order skills and methodologies that are of great value to students intending to undertake tertiary studies and are transferable between disciplines.
Industrial Technology – Graphics
2 Units in each of Preliminary and HSC
Board Developed Course – Category A
Exclusions: Some Industry Focus areas with similar VET Curriculum Framework streams and Content Endorsed Courses.
Major Project: Yes
Fees: $20
Some extra costs may be incurred for practical aspects and projects within this course

**NOTE: Students can only study ONE Industrial Technology Course.**

**What will I be doing in this course?**

This subject consists of practical project work and industry study that develops a broad range of skills and knowledge related to the graphics and drafting industries, together with an introduction to industry processes and practices.

The content of the course will be covered through industry visits, practical projects, developed computer skills, and associated theory.

Students will also learn to develop a management folio along with an understanding of current WH&S principles.

For the HSC, students will be required to design, develop, construct and present a major project with a management folio. These will contribute 60% of the student’s HSC mark.

The exam is worth 40% of the total mark.

A major emphasis in this course is an understanding of, and use of technology associated with the graphics and drafting industries together with project management.

The course will develop student skills in:
- Engineering Drawing
- Architectural Drawing
- Product Drawing
- Computer Aided Drafting
- Rendering Techniques

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

Students with an interest in pursuing a career in the graphics and design industries such as architecture, industrial design, engineering, surveying, and cartography are strongly encouraged to consider this course.

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Industrial Technology – Multimedia
2 Units in each of Preliminary and HSC
Board Developed Course – Category A
Exclusions: Some Industry Focus areas with similar VET Curriculum Framework streams and Content Endorsed Courses. Cannot be studied simultaneously with Media Industry – Multimedia
Major Project: Yes
Fees: $20
Some extra costs may be incurred for practical aspects and projects within this course

**NOTE: Students can only study ONE Industrial Technology Course.**

**What will I be doing in this course?**

This subject consists of practical project work and industry study that develop a broad range of skills and knowledge related to the multimedia industry, together with an introduction to industry processes and practices.

The content of the course will be covered through industry visits, practical projects, developed computer skills, and associated theory.

Students will also learn to develop a management folio along with an understanding of current WH&S principles.

Multimedia students will be able to undertake projects involving:
- Graphics
- Animation/Flash
- Digital video
- Digital audio
- Webpage design and presentation
- Graphical enhancement
- Multimedia authoring

Students will develop skills in the use of specialist software and equipment.

For the HSC students will be required to design, develop, construct and present a major project with a management folio. These will contribute 60% of the students HSC mark.

A major emphasis of this course is an understanding of, and use of technology associated with the multimedia industry together with project management.

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

Students with an interest in pursuing a career in the media industries such as advertising, internet and webpage construction, graphic arts, communications, video media, and animation are strongly encouraged to consider this course.
Industrial Technology – Timber Products and Furniture  

2 Units in each of Preliminary and HSC  
Board Developed Course – Category A  
Exclusions: Some Industry Focus areas with similar VET Curriculum Framework streams and Content Endorsed Courses  
Major Project: Yes  
Fees: $50 Preliminary; $25 HSC  
Some extra costs may be incurred for practical aspects and projects within this course  

**NOTE: Students can only study ONE Industrial Technology Course.**  

**What will I be doing in this course?**

This subject consists of practical project work and industry study that develop a broad range of skills and knowledge related to the timber products and furniture industries, together with an introduction to industry processes and practices.  
The content of the course will be covered through industry visits, practical projects, developed computer skills, and associated theory.  
Students will also learn to develop a management folio along with an understanding of current WH&S principles.  
For the HSC students will be required to design, develop, construct and present a major project with a management folio. These will contribute 60% of the students HSC mark.  
The exam is worth 40% of the total mark.  
A major emphasis of this course is an understanding of and use of technology associated with the timber products and furniture industries together with project management.  

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

Having successfully studied this course, students will have developed skills in:  
- The use of a wide variety of hand and power tools  
- Using selected wood-based machinery  
- Incorporating new technologies into projects  
- Designing and managing a project to completion  
- Communicating concept and planning ideas  

**Career Opportunities**  
- Traineeships and apprenticeships in:  
  - Cabinet making  
  - Furniture making  
  - Wood machinery etc.  

Further study at TAFE and University is also possible.
Japanese Continuers

2 Units in each of Preliminary and HSC and an optional 1 Unit HSC Extension

Board Developed Course - Category A

Prerequisites: School Certificate Japanese or equivalent

Exclusions: Japanese Beginners; Japanese Background Speakers.

Other eligibility rules apply to the study of this subject. Check with your teacher or the Board’s ACE Manual.

Major Project: No

Fees: $41

What will I be doing in this course?

The Preliminary and HSC courses focus on themes and associated topics. Students’ skills in, and knowledge of, Japanese will be developed through tasks associated with a range of texts and text types, which reflect the themes and topics.

Students will also gain an insight into the culture and language of Japanese-speaking communities through the study of a range of texts. The themes are: the individual, the Japanese-speaking communities, and the changing world.

Students’ language skills are developed through tasks such as: conversation; responding to an aural stimulus; responding to a variety of written material; writing for a variety of purposes; and studying Japanese culture through texts.

The 1 Unit HSC Japanese Extension course is available in Year 12 for students who have completed Preliminary Japanese Continuers, and are currently studying HSC Japanese Continuers.

The Extension course has a prescribed theme and related issues as its organisational focus. Students’ knowledge and understanding of Japanese language and culture will be enhanced through accessing a variety of texts, some of which are prescribed, related to the theme and issues. Students will extend their ability to use and appreciate Japanese as a medium for communication and creative thought and expression.

The theme in the Extension course is the individual and contemporary society. The prescribed issues are: Impact of Technology; Group Versus the Individual; Overcoming Personal Difficulties.

How will this course help me in the future?

The study of Japanese provides students with knowledge, understanding and the skills that form a valuable foundation for a range of courses at university and other tertiary institutions. This provides the opportunity to spend a year at an in-country study in Japan and can result in a double degree.
Legal Studies
2 Units for each of Preliminary and HSC
Board Developed Course - Category A
Major Project: No
Fees: Nil

**What will I be doing in this course?**

The Preliminary course develops students’ knowledge and understanding of the nature and functions of law and law making, the development of the Australian and International legal systems, the individual and the law and groups and individuals who suffer disadvantage and how the legal system attempts to achieve justice for these people. This is achieved by investigating, analysing and synthesising legal information and investigating legal issues from a variety of perspectives.

The Preliminary course covers:

The Legal System; The Individual and the Law and The Law in Practice.

The HSC course investigates:

The key areas of law and contemporary issues in the two core topics: Crime and Human Rights. Students then study two options from the following topics: Consumers, Family, Global Environmental Protection, Indigenous Peoples, Shelter, Workplace and World Order.

The Key themes and challenges incorporated in all topics are:

- The role of the law in encouraging co-operation and resolving conflict.
- Issues of compliance and non-compliance with the law.
- Changes to the law as a response to changing values in the community.
- The role of law reform in achieving just outcomes.
- The effectiveness of legal and non-legal responses in achieving just outcomes.

**HSC Exam:** Students will be required to complete a three hour written exam consisting of multiple choice questions, short answer questions and essay responses.

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

The 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 and moral development by empowering students to think critically about the role of the law and 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 preparation for further study at TAFE NSW or university in a range of areas.

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Mathematics - General
2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Prerequisites: The Preliminary course assumes that students have achieved the outcomes in the core and recommended options of Trigonometry and Further Algebra of the Stage 5.1 course at the end of Year 10. Students who intend to study the General Course 2 in the HSC should have followed Stage 5.2 in Year 10.
Major Project: No
Fees: Nil

**What will I be doing in this course?**

Students studying General Mathematics follow a common Preliminary course, leading to either HSC Mathematics General Course 1 or General Course 2.

General Mathematics approaches specific mathematical skills through a range of every day applications that clearly demonstrate the need for, and use of, these skills.

The areas of study are:

- Financial Mathematics
- Data Analysis
- Measurement
- Probability
- Algebraic Modelling

Please note:

HSC General Course 2 is a Board Developed Course and does count towards an ATAR.

HSC General Course 1 is a Content Endorsed Course and does not count towards an ATAR.

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

The General Mathematics courses provide a strong foundation for vocational pathways, either in the workforce or in further training. In the case of the higher course, Mathematics General 2, this includes a strong foundation for university courses in the humanities, nursing and paramedical sciences.

Please note: In Year 11 students will be graded based on their achievements in Year 10 and some students will be placed into a class which leads into HSC Course 1 which will not count towards an ATAR.
Mathematics
2 units in each of Preliminary and HSC
Board Developed Course - Category A
Prerequisites: The Course assumes that students have achieved the outcomes in the Stage 5.3 Mathematics course for the School Certificate. This course is not recommended for students who have studied Stage 5.2 or Stage 5.1.
Exclusions: General Mathematics
Major Project: No
Fees: Nil

What will I be doing in this course?
The course is intended to give these students an understanding of and competence in further aspects of mathematics which are applicable to the real world.
It is a course based on algebra and calculus. The course has general educational merit and is also useful for concurrent studies in science and commerce.
It is a sufficient basis for further studies in mathematics as a minor discipline at tertiary level in support of courses such as the life sciences or commerce.
The course covers:
- Basic Arithmetic and Algebra
- Real Functions
- Coordinate Methods in Geometry
- Applications of Geometrical Properties
- Geometrical Applications of Differentiation
- Integration
- The Quadratic Polynomial and the Parabola
- Trigonometric Functions/ Ratios
- Logarithmic and Exponential Functions
- Applications of Calculus to the Physical World
- Probability
- Series Applications

How will this course help me in the future?
The Mathematics course provides the minimum basis for entry into university courses requiring Mathematics, including courses in science, engineering, computing, economics and business studies.
Students intending to do tertiary studies should check recommendations for specific courses.

Mathematics Extension 1
1 unit in Preliminary / HSC
Board Developed Course - Category A
Prerequisites: The Course assumes that students have achieved a high level of competence in the study of Stage 5.3 Mathematics.
Students must concurrently be studying Mathematics 2 unit in Preliminary and HSC years.
Exclusions: General Mathematics
Major Project: No
Fees: Nil

What will I be doing in this course?
The content of this course and the depth of treatment indicate that it is intended for students who have demonstrated a mastery of the skills of Stage 5.3 Mathematics and who are interested in further study in this area.
The course aims to give students a thorough understanding of how algebra and calculus may be used to solve real world problems.
- Major topic areas include:
  - Further Trigonometry
  - Further Integration
  - Applications of Calculus to the Physical World
  - Polynomials
  - The Binomial Theorem in Probability
  - Parametric Equations

How will this course help me in the future?
This course is aimed at students who require substantial mathematics at a tertiary level.
It is recommended as a minimum basis for further studies in Mathematics as a major discipline at university and for the study of Mathematics in support of the physical and engineering sciences.
Students wishing to undertake tertiary studies should check recommendations for specific courses.
Mathematics Extension 2
1 unit in HSC
Board Developed Course - Category A
Prerequisites: Students must study Mathematics Extension 1 in both Preliminary and HSC years.
Exclusions: General Mathematics
Major Project: No
Fees: Nil

What will I be doing in this course?
The HSC Extension 2 course is designed for students with a special interest in mathematics and who are planning to undertake further studies at a tertiary level.

Topics include:
- Graphs
- Complex numbers
- Conics
- Integration
- Volumes
- Mechanics
- Polynomials

How will this course help me in the future?
The course is excellent preparation for tertiary study in Mathematics or science based courses. Students wishing to undertake tertiary studies should check recommendations for specific courses.

Students of outstanding mathematical ability should consider undertaking Extension 2.

Modern History
2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Major Project: No
Fees: Nil

What will I be doing in this course?
The Preliminary course is designed to provide students with opportunities to investigate people, groups, events, societies and institutions from the past. It consists of case studies, an historical investigation and a core study.

Case Studies: Students will have the opportunity to investigate at least two interesting case studies such as the Civil Rights Movement in the USA 1950s and 1960s, Tsarist Russia and the downfall of the Romanov Dynasty, Origins of the Arab-Israeli Conflict, Tibet’s fight for survival in the modern world, Bodyline Bowling in the 1932-3 test series, Nuclear testing in the Pacific during the 1950s and 1960s, Ayatollah Khomeini and Muslim fundamentalism, the Cuban Revolution and many more options.

Historical Investigation: This section of the course is designed to provide opportunities for students to further develop their investigative, research and presentation skills through a research project which may be related to one of the case studies presented or of the students’ own choosing.

Core Study: The core study examines The World at the Beginning of the 20th Century.

- Part I: Core Study of World War 1 1914 –1919 (25%)
- Part II: National Study of the USSR, USA, Germany or China (25%)
- Part III: One 20th Century Personality Study (25%)
- Options for study include: Leon Trotsky, J Edgar Hoover, Mohammed Ali Jinnah, Ian Paisley, Ho Chi Minh, Nelson Mandela, Yasser Arafat and many more.
- Part IV: International Study. Students take an in-depth look at a contemporary issue such as the Arab-Israel Conflict, Conflict in Indochina and War in Europe 1939-1945, The Cold War 1945 – 1991.

Excursions: Students will have the opportunity to attend excursions to supplement course material. In the past these have included trips to the Sydney Australian Holocaust Museum and an overseas excursion to Vietnam.

How will this course help me in the future?
The skills learned in this course are especially applicable to law, teaching, communications, social work and journalism.
Music 1
2 units in each of Preliminary and HSC
Board Developed Course - Category A
Prerequisites: Music mandatory course (or equivalent). Elective
Music in year 10 is not required.
Exclusions: Music 2
Major Project: Yes
Fees: $20
Some extra costs may be incurred for practical aspects and
projects within this course

What will I be doing in this course?
In the Preliminary and HSC courses students will study
the concepts of music through the learning experiences of
performance, composition, musicology and aural within
the context of a range of styles, periods and genres.
Students will be required to play an instrument (vocals
included).

Students study three topics in each year of the course.
Topics are chosen from a list of 21 topics which cover a
range of styles, periods and genres.

In the HSC course, in addition to core studies in
performance, composition, musicology and aural, students
select three electives from any combination of
performance, composition and musicology.

These electives must represent each of the three topics
studied in the course.

Students selecting Composition electives will be required
to compile a portfolio of work as part of the process of
preparing a submitted work.

The portfolio may be requested by the Board of Studies
to validate authorship of the submitted work. The HSC
will examine these electives, core aural and core
performance work.

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 NSW or university with a good
foundation of knowledge and practical skills.

Music also provides knowledge and skills to enhance
enjoyment of everyday life.

Music 2
2 Units in each of Preliminary and HSC
and an optional 1 Unit HSC Extension
Board Developed Course - Category A
Prerequisites: Music Elective in year 10 (or equivalent) is
required.
Exclusions: Music 1
Major Project: Yes
Fees: $20
Some extra costs may be incurred for practical aspects and
projects within this course

What will I be doing in this course?
In the Preliminary and HSC courses students will study
the concepts of music through the learning experiences of
performance, composition, musicology and aural within
the context of a range of styles, periods and genres.

Students study the mandatory topic, Music 1600–1900, in
the Preliminary year, and Music of the Last 25 Years
(Australian focus), in the HSC year.

In addition to core studies in performance, composition,
musicology and aural, students nominate one elective
study in Performance, Composition or Musicology.

Students will be required to play an instrument (vocals
included).

This elective will constitute 30% of the HSC mark.

The 1 Unit HSC Music Extension course
The course is available in year 12 for students who have
completed Preliminary Music 2 and are currently studying
HSC Music 2.

How will this course help me in the future?
Music 2 provides skills required in the diverse fields of the
Music industry.

This course is designed for the academic music student
who intends to progress into tertiary music courses at
university with a strong foundation of knowledge,
analytical and practical skills.
**Personal Development, Health & Physical Education (PDHPE)**

2 Units in each of Preliminary and HSC

Board Developed Course - Category A

Major Project: No

Fees: Nil

**What will I be doing 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. Students have the opportunity to select two options from a range of practical options in the areas of First Aid, Outdoor Recreation, Composing and Performing and Fitness Choices.

In the Preliminary course the core topics are Better Health for Individuals and the Body in Motion taking 60% of course time.

The optional component includes two options from: First Aid, Composition and Performance, Fitness Choices, or Outdoor Recreation, taking 40% of course time.

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: Health Priorities in Australia and Factors Affecting Performance.

The optional component includes two options from: the Health of Young People, Sport and Physical Activity in Australian Society, Sports Medicine, Improving Performance, or Equity and Health.

**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 or physical education teaching.

**Physics**

2 Units in each of Preliminary and HSC

Board Developed Course - Category A

Exclusion: Preliminary Senior Science

Major Project: No

Fees: $20

Physics is crucial to understanding the world around us, the world inside us, and the world beyond us. Physics challenges our imaginations with concepts like relativity. It leads to great discoveries like computers and lasers, which lead to technologies that can change our lives - from healing joints, to curing cancer, to developing sustainable energy solutions. Physics encompasses the study of the universe from the largest galaxies to the smallest subatomic particles.

**What will I be doing in this course?**

Have you ever wondered about the forces involved in car crashes and why a small car is no match for a truck in a collision? We explore light, optical fibre and mobile phone communication technologies and how electricity is generated, carried to the home and used. The Preliminary course concludes with The Cosmic Engine, an exciting topic, exploring how the universe was formed and where it is going.

In HSC Physics we study Space, a topic tackling some of the most exciting ideas in Physics including relativity projectiles and why satellites can orbit Earth without falling. Students make electric motors and explore magnetism in motors and generators. Ideas relating to power generation and supply are also explored. In ‘From Ideas to Implementation’, students learn how TVs, computers, solar panels and mobile phones work, along with how super conductors might one day change the world.

Practical experiences should occupy a minimum of 80 hours teaching time across both the Preliminary and HSC course and these will be assessed in examinations and assignments. By combining Physics with other Science subjects, such as Chemistry, students can take advantage of overlaps existing between courses, effectively reducing the work load, and making learning key concepts easier.

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

Physics, either studied alone or in combination with any other science, is a highly recommended preparation for any science based university course. Any student wishing to pursue University education in the fields of Science, Engineering, Medicine, Health, Radiography or the Defence Forces would be well advised to choose Physics.

The course would be of great benefit to anyone wishing to take up a career in any of the sport sciences, nursing, coaching or physical education teaching.
Senior Science

2 Units in each of Preliminary and HSC or in HSC
Board Developed Course – Category A
Exclusions: Preliminary courses in Biology, Chemistry, Earth & Environmental Science and Physics.
Major Project: No
Fees: $20

What will I be doing in this course?
The Senior Science course provides a broad overview over all science subjects. It allows students to have an understanding of the scientific issues that affect our everyday lives and those that are frequently reported in the media e.g. environmental management and pollution, WH&S and artificial body parts.

In the Preliminary course students investigate the importance of water to our bodies and the wider environment, the role of plants in the ecosystem and how our bodies can be injured in the workplace and the need to provide adequate protection. The course concludes with a field study of a local environment.

Note: In the Preliminary pattern of study, Senior Science cannot be studied in combination with Biology, Chemistry, Earth and Environmental Science or Physics.

In the HSC course, the chemistry of household substances, beauty products and drugs are investigated. In Bionics students learn the technology involved in maintaining poorly functioning or damaged body parts and the medical techniques used to investigate the body. The rapidly changing area of 'Information Systems' looks at the range of communication systems and digital technologies as well considering the possibilities for future developments. An option is selected from Polymers, Preservatives and Additives, Pharmaceuticals, Disasters and Space Science.

In the HSC pattern of study, students who have completed the Preliminary course in Biology, Chemistry, Earth and Environmental Science or Physics, may replace one of these subjects with Senior Science. These students may then study Senior Science in combination with one or two of the other sciences to a maximum of 6 units of Science.

How will this course help me in the future?
This course provides a sound background to enable students to understand the impact of science on society. For students planning to study at TAFE it will provide a good grounding in the sciences. It is also valuable for students planning to study any of the Humanities such as Law, Business, Social Science, Journalism or Primary Teaching at university.

Senior Science is not considered suitable preparation for students planning to undertake Science or Engineering courses at university.

Society & Culture

2 Units in each of Preliminary and HSC
Board Developed Course - Category A
Major Project: Yes
Fees: Nil
Some extra costs may be incurred for practical aspects and projects within this course

What will I be doing in this course?
Society and Culture develops knowledge, understanding, skills, values and attitudes essential to an appreciation of the social world.

How the interaction of persons, society, culture, environment and time shape human behaviour is a central theme of study.

Students develop an understanding of research methodologies and undertake research in an area of particular interest to them.

A requirement of the course is that the research findings are presented for external assessment in Year 12, in the Personal Interest Project (PIP).

- The Preliminary course covers:
  - The Social and Cultural World
  - Personal and Social Identity
  - Intercultural Communication

The HSC course covers a core:

- Social and Cultural Continuity and Change
- The Personal Interest Project - an individual research project.

And depth studies, two to be chosen from:

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

The HSC Exam:
Students will be required to complete a two hour written exam consisting of short answer and structured response questions and two essays on the depth studies.

How will this course help me in the future?
Society and Culture prepares students for immediate transition to work or tertiary study in the humanities, social sciences, behavioural sciences, communication, business and law, but would provide useful skills for any university or TAFE NSW course.
Board Developed Courses - Category A - School Delivered

Software Design and Development
2 Units in each of Preliminary and HSC
Board developed course - Category A
Major Project: No
Fees: $20

What will I be doing in this course?
Software Design and Development involves the creation of computer programs. Students will use various programs and programming language tools to create and develop software.

The course involves creativity, independent learning, peer mentoring and group work. The course is based around a systematic approach to solving problems and where a software or computer based solution can be used. Students will also learn about aspects of hardware, and software and logic systems in gaining skills to break down a problem into achievable tasks.

The software that students create will be relevant to a variety of situations including gaming, web development, animation and data processing systems. Typically, throughout the course, students will create a number of games and animations entirely through using computer code.

The Preliminary course covers:
 Concepts and Issues in the Design and Development of Software
 Social and Ethical Issues
 Hardware and Software
 Software Development Approaches
 Software Development (programming to create software)

The HSC course builds on the Preliminary course and asks students to develop and document software.

The HSC course covers:
 Development and Impact of Software Solutions
 Social and Ethical Issues
 Application of Software Development Approaches
 Creating Software Using a Development Cycle
 Elective in either: Evolution of Programming Language or the Software Developer's View of the Hardware.

Practical experience will occupy a minimum of 20% of the Preliminary course, and a minimum of 25% of the HSC course.

This course is suited to students who have an interest in programming, have an ability to solve problems through analysis and design, and those looking at becoming games developers, web designers, programmers, engineers, or any economics, science or maths-related field. Students in this course must have access to a computer and the Internet for extended periods of time outside classroom periods.

How will this course help me in the future?
This course provides excellent employment opportunities, both during and after the HSC. It is a thorough introduction to further studies both at TAFE NSW and university.

In addition, the design and analysis skills you develop in this course have immediate application in many areas of life and further study, especially in mathematics and engineering.
**Studies of Religion II**

2 Units in each of Preliminary and/or HSC

Board Developed Course - Category A

This course is studied through Distance Education

Major Project: No

Fees: Nil

*What will I be doing in this course?*

Studies of Religion promotes an awareness, understanding and application of the nature of religion and the influence of religious traditions, beliefs and practices on individuals and society, with an emphasis on the Australian context.

Students studying the 1 Unit Course will complete one Cross Religion Study.

Students studying the 2 Unit Course will complete three Cross Religion Studies.

All students will undertake a special Interest Study Project.

The Preliminary course has:

- Two Foundation Studies: The nature of religion and the influence of religion in Australian society from 1788–1900
- One Depth Study selected from: Buddhism, Christianity, Hinduism, Islam, and Judaism.

The HSC course has:

- Foundation studies: Aboriginal belief systems and spirituality; and the expression of religion in Australia from 1901 to the present.
- Cross Religion Studies selected from: Religious Ritual, Religion and Ethics, Sacred Stories and Writings, Ways of Holiness, Teachers and Interpreters, Religion and Women
- One Interest Study selected from: Religious Biography, Religion and Architecture, Religion and Visual Arts, Religion and Literature, Religion and Music, Religion and Ecology, Religion and the Media, Religion and non-Religion, Confucianism, Shinto, Sikhism, Taoism, Melanesian or Polynesian religious tradition, an interest study reflecting the ethos of the school and its community.

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

This course will provide students with understanding and respect for religious beliefs and practices in our multicultural society. It will also develop expertise in a variety of skills and key competencies that are essential to further education, work and everyday life.
Textiles and Design

2 Units in each of Preliminary and HSC
Board Developed Course – Category A
Major Project: Yes
Fees: $20
Some extra costs may be incurred for practical aspects and projects within this course

**What will I be doing in this course?**

The Preliminary course involves the study of design, communication techniques, manufacturing methods, fibres, yarns, fabrics and the Australian textile industry. Practical experiences are integrated into the Design and Properties and Performance of Textiles areas of study, including experimental work and project work.

The Preliminary course covers:

- Design
- Properties and Performance of Textiles
- The Australian Textiles, Clothing, Footwear and Allied Industries (ATCFAI)
- Students will undertake two practical projects as part of the preliminary course. Each consists of a practical item and supporting documentation (portfolio)

The HSC course builds upon the Preliminary course and involves the study of historical design development, the influence of culture on design, contemporary designers, emerging technologies, sustainable technologies, consumer issues and the marketplace.

The course integrates the development of a Major Textiles Project that reflects a cultural, historical or contemporary aspect of design in one of the following focus areas: Apparel, Furnishings, Costume, Textile Arts or Non-apparel.

The HSC course covers:

- Design
- Properties and Performance of Textiles
- The Australian Textiles, Clothing, Footwear and Allied Industries (ATCFAI)
- Major Textiles Project

HSC Examination:

- Written examination (1 ½ hours) – 50 marks
- Major Textiles Project – Practical item/s 25 marks
- Supporting Documentation 25 marks

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

The skills and knowledge acquired are useful for a career in the fashion industry, theatrical design and costume, the textile industry, teaching, fibre and fabric research, craft work in textiles, interior design, advertising, marketing, commercial fabric buying and creative textile works.

Visual Arts

2 Units in each of Preliminary and HSC
Board Developed Course – Category A
Exclusions: projects developed for assessment in one subject are not to be used either in full or in part for assessment in any other subject.
Major Project: Yes
Fees: $60
Some extra costs may be incurred for practical aspects and projects within this course

**What will I be doing in this course?**

Visual Arts involves students in art making, art criticism and art history. Students develop their own artworks, culminating in a ‘body of work’ in the HSC course. Students critically and historically investigate artworks, critics, historians and artists from Australia as well as those from other cultures, traditions and times.

The Preliminary course is broadly focused. Students will study artworks in at least two expressive forms and use a process diary. They will also undertake a broad investigation of ideas in art making, art criticism and art history. Their learning opportunities focus on:

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

The HSC course provides for deeper and more complex investigations. It requires the development of a body of work and use of a process diary. It includes a minimum of five Case Studies (4–10 hours each), and deeper and more complex investigations in art making, art criticism and art history.

This course is made up of 50% art making, 50% art criticism and art history, with students being required to submit a Body of Work to the Board of Studies at the end of their HSC course.

Excursions: non-compulsory, but extremely beneficial, visits to local and Sydney galleries. Students gain valuable knowledge of artist practice, critical and historical studies.

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

Students will develop skills and qualities relevant to many situations in the workplace and further study. They will develop confidence to express their individuality and acquire skills to express these in a creative way. This course encourages tolerance and empathy for different values and beliefs as students’ participation in Visual Arts will strengthen their problem-solving and thinking skills especially in the area of visual communication. This course is recommended background for many university and TAFE NSW courses in Visual Arts and Design.
Board Developed Courses – Category B – School Delivered Vocational Education and Training (VET) Industry Curriculum Framework (ICF)

These are courses for which the Board of Studies develops a syllabus, setting out the aims, objectives, outcomes, structure and content. All Board Developed VET courses are Category B courses.

Students can select Board Developed VET Courses to be included as part of their 6 units from Board Developed Courses.

Only 2 units of Category B Board Developed VET courses can be included in the 10 units used to calculate a student’s ATAR.

Board Developed VET Courses are all delivered at school, except Accounting, Automotive, Electrotechnology, Human Services and Tourism, which are TAFE delivered.

Most Board Developed VET Courses contain 35 hours of work placement in both Preliminary and HSC years.
The Department of Education and Training Western NSW Region is a Registered Training Organisation providing entry level training within the context of the Higher School Certificate.

Students undertaking school delivered Vocational Education and Training (VET) courses at Denison College are guaranteed the quality of their training through the compliance of the Western NSW Region RTO with the national standards set out as part of the Australian Quality Training Framework.

**General**

- VET courses offer dual accreditation: students who successfully complete these courses will gain unit credit toward their HSC and will receive a nationally recognised industry based qualification. Information regarding courses is in this Guide.

**Framework and Non Framework Courses**

- VET courses are generally broken into two groups, Industry Curriculum Framework courses and Non Framework courses. Both groups will provide units of credit towards the students HSC. Similarly both groups will give students access to a nationally recognized qualification.

- Industry Curriculum Framework courses are category B subjects for the purpose of calculating an Australian Tertiary Admission Rank (ATAR). The ATAR is the method of determining university admission. Only ONE Category B course may be used towards the student’s ATAR, Non Framework courses cannot be used towards the ATAR.

**Assessment Procedures**

- Assessment of students in VET courses is competency based. This means that the student produces evidence of achievement of competency, gathered by an assessor, usually the teacher of the course, and judged against agreed industry standards.

- Generally assessments are practical in nature and reflect the type of tasks that would be required to be performed in the workplace, however written assessments may be used to assess knowledge and understanding of concepts related to the course.

- Evidence of competence can be gathered by the assessor in a variety of ways. Like all other HSC courses, some of the evidence gathered will be through formal assessment tasks or events such as project work, presentation of portfolios, practical demonstrations, as well as pen and paper tests. This is called “summative assessment”. However, unlike other HSC courses, there is also an ongoing informal assessment component where the assessor gathers evidence using such strategies as classroom observation, student self-assessment, and reports from others such as work placement reports. This is called “formative assessment”.

- The school will develop a document for each VET course outlining a schedule of summative tasks in line with Board of Studies policy. This document will be provided to students at the course induction as part of the Course Commencement Package.

**Optional External HSC Examination**

- Industry Curriculum Framework courses have an optional external HSC exam for students wishing to include their mark in the calculation of the ATAR. Students who sit for the optional HSC exam will have an estimate mark submitted to the Board of Studies by the school. This estimate mark will only be used in the event of a claim of misadventure being upheld by the Board of Studies. Schools are required to indicate the method of determining the estimate marks in their assessment information.

**Student Selection, enrolment and induction procedures**

- VET courses are available to all students in Years 11 and 12. VET courses may also be available to students in Years 9 and 10 where approved by the Board of Studies.

- Students can access information about VET courses from this document, the school’s VET Coordinator or Careers Adviser.

- Classroom teachers at the beginning of the each course will deliver a course induction. At the induction students will receive a course commencement package including the RTO’s code of practice, information regarding the specific course they are studying, recognition of prior learning procedures, assessment procedures, information regarding their rights and responsibilities and a checklist to be signed by the student, parent and teacher to confirm the student has completed the induction.
Fees and charges

- Some VET courses attract a course cost as indicated in the course description in this booklet. Some courses may have additional charges such as for work placement and excursions. More detailed information regarding fee charges and refund policies will be provided in your course commencement package.
- Students having difficulty in making payments may be able access the Student Assistance Scheme. See your student adviser for details as to how this fund can be accessed.
- Refunds may be available in special circumstances. Information regarding refunds can be found in the course commencement package available at the course induction/orientation.
- Travel to Bathurst TAFE is provided by Denison College for Wednesday 1.00–5.00 pm courses only. Students must apply for a Denison College bus pass. Students must organise their own transport home and to/from all other course times.
- Where transport is arranged by Denison College to TAFE campuses other than Bathurst, students may be required to pay up to the first $6.50 on any return trip to access delivery or any course or part of a course at a site other than the college. Once buses or taxi are booked these charges are non-refundable.

Uniforms/Personal Protective Equipment

- Students studying the Hospitality Commercial Cookery strand are required to wear a chef’s uniform and use a chef toolkit when completing practical work. These may be hired or purchased through the school.
- Students are also required to pay for the ingredients used in food preparation. Students completing the Hospitality Food and Beverage strand are required to wear industry standard food and beverage uniform.

Optional HSC Extension Courses

- Business Services - (120 hours)
  2 Unit HSC Extension
- Construction - (60 or 120 hours)
  Specialisation available
- Hospitality - (60 or 120 hours)
  2 Unit HSC Extension available
- Information and Digital Technology - (60, 120, 180 or 240 hours) Specialisation available
- Metal and Engineering - (60 or 120 hours)
  Specialisation available
- Primary Industries - (60, 120 or 180 hours)
  Specialisation available
- Retail Services - (60 hours) 1 Unit HSC Extension available

See the Careers Adviser for more information.

Flexible Learning

- Flexible learning is a method of delivery that does not rely solely on traditional classroom based or face-to-face teaching and learning. Some VET courses may use flexible learning strategies in the delivery of the course.
- In special circumstances students may be able to access a VET course not available at the school through some form of distance education. Students can gain more information about this form of delivery during their subject selection interviews.
- This mode of delivery is also a useful way of delivering the formal training component to school based part time trainees where students cannot access the course at the school.

Freedom of Information and Privacy

- Students’ rights to privacy and access to information are outlined in the Freedom of Information and Privacy policy outlined in their Course commencement package. All DET staff members are required to abide by the DET Privacy Code of Practice.

Language, Literacy, and Numeracy

- Provision for Language, Literacy and Numeracy assessment is available for each course. Information regarding Language, Literacy and Numeracy assessment is provided in the course commencement package.

Recognition of Prior Learning (RPL)

- Credit transfer is available to students who produce evidence of achievement of competency from another registered training organisation. Recognition of prior learning may also be available to students who can provide sufficient evidence of skills attained previously.
- Students seeking recognition of prior learning should follow the RPL procedures outlined in their Course commencement package.
Work Placement

- 70 hours of work placement per 240 hours of study is a mandatory component of many VET courses. Failure to complete mandatory work placement will mean that a student will receive an “N” award for the subject and as a result may be ineligible for the award of the HSC.
- Work placement will be organized and coordinated by a Local Community Partnership. Students will be provided with additional work placement information in the course induction/orientation.

School Based Apprenticeships and Traineeships

- The School Based Apprenticeship and Traineeship Program provide students with the opportunity to include a recognised VET qualification within their HSC and to combine this with paid work.
- School based apprentices and trainees must complete formal training that is delivered by a registered training organisation (RTO). The formal training must meet the requirements of the relevant Vocational Training Order (VTO) for that apprenticeship or traineeship vocation, and lead to a nationally recognised qualification. The formal training component of school based apprenticeships and traineeships will contribute unit credit to the HSC.
- School based apprentices and trainees must undertake a minimum of 100 days on-the-job training by 31 December of the year they will complete their HSC. Exceptions to this are apprentices and trainees in the Construction industry, who are required to be in the workplace for 144 days, and Plumbing apprentices and Electrical/Electro-technology trainees and apprentices, who are required to be in the workplace for 180 days. This on-the-job training must be in the form of paid employment as an apprentice or trainee under an appropriate industrial arrangement.

School Based Apprentices are required to:

- Enter into a Training Contract for a nominal duration of generally five years – two years part-time followed by three years full-time post the HSC
- Undertake a minimum requirement of 100 days of paid employment by 31 December of the year they will complete their HSC
- Enrol in a Certificate III AQF qualification level as specified in the Vocational Training Order (VTO)

School Based Trainees are required to:

- Enter into a Training Contract for a term of sufficient duration to allow them to complete their formal training requirements for the HSC as well as the minimum requirement of 100 days of paid employment by 31 December of the HSC year. The minimum term for a school based traineeship is 18 months.
- Enrol in a minimum Certificate II AQF qualification level as specified in the Vocational Training Order (VTO)

Becoming a School Based Apprentice or Trainee:

- Students must first find an employer prepared to take them on as a school based apprentice or trainee. Once an offer of employment has been made, students must contact their School Based Apprenticeship and Traineeship Contact Person. This is usually the Careers Adviser. The School Based Apprenticeship and Traineeship Contact Person will then commence the process to seek approval to establish a School Based Apprenticeship or Traineeship.

More Information

- Students wanting to find out more information regarding SBATs should contact their school’s Careers Adviser.
- You can also find information about SBATs on the Internet.
- The following website is a key source of information regarding SBATs: www.sbatnsw.info

Also useful are the following sites:

**Business Services 240 hours**

2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B
School Delivery
Major Project: No
Work placement: Yes
Fees: Nil category

*What will I be doing in this course?*

The business services industry provides clerical and administrative support to commerce, industry, government and the professions. Skills gained in this industry transfer to other occupations.

This course is based on units of competency, which have been developed at a national level to describe the competencies, skills and knowledge required by workers in the industry.

Qualifications available to students in the Business Services Curriculum Framework comprise units of competency drawn from the following skill areas: information technology, communication, enterprise, technology and finance.

The Business Services course covers:

- Customer (client) service – communicating with clients, staff and management to pass on information and documentation
- Information handling - organising information and records in both paper and electronic forms
- Teamwork – supporting sections, teams, staff and management to meet deadlines and targets
- Using technologies – using computers, photocopiers, printers, scanners, fax machines and modems
- Creating documents – designing and writing letters, reports, brochures, fliers and memos and creating and using spread sheets and databases

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

The business services industry employs approximately 1.6 million people across Australia and is traditionally open to school leavers.

On successful completion of the course students may receive a Certificate II in Business (BSB20107) or Statement of Attainment in partial completion of Certificate II in Business (BSB20107).

Examples of occupations students can aim for in the business services industry includes: payroll clerk/officer, personal assistant, personnel clerk, project manager, sales clerk/officer, secretary and manager/owner of a small business.

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**Construction 240 hours**

2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B
School Delivery
Major Project: No
Work placement: Yes
Fees: $50

Some extra costs may be incurred for practical aspects and projects within this course

*What will I be doing in this course?*

This course is for students who wish to work in the building industry or simply would like to learn some very good home maintenance skills.

The main modules include Conduct Workplace Communications, Follow WH&S Policies and Procedures, Carryout Measurements and Calculations, Handle Construction Materials, Apply Basic Levelling Procedures, Read and Interpret Plans and Specifications and Use Construction Tools and Equipment. Electives cover key aspects of the construction industry including competencies in carpentry, concreting, plastering, demolition, drafting and painting and decorating.

The course incorporates core units plus a range of elective units from the General Construction and Civil Construction sectors. A mandatory Work Cover approved general WH&S induction-training program, as well as a work activity WH&S training and site-specific WH&S training must be completed before students are allowed onto a work site.

Compliance with WH&S requirements and the provision and appropriate use of personal protective equipment is mandatory. The HSC exam involves multiple choices, short answers and essay questions.

Course delivery will be through practical individual and group projects with a building theme and skills developed being reinforced through Work Placement. Theoretical content will also be delivered related to each of the modules.

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

On successful completion of this course students may receive a Certificate I in General Construction or Statement of Attainment towards Certificate II in General Construction. Successful completion of the various modules will display a good grounding in the basics of the building trade and the work placement report will reflect a student’s commitment to working in this industry.

Examples of occupations students can aim for in the construction industry include: building, bricklaying, concreting, consulting, contracting, glazing, joinery, plastering, roofing, shop fitting, sign writing, steel reinforcing and structural engineering.
**Entertainment Industry 240 hours**

2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B
School Delivery
Major Project – No
Work placement: Yes
Fees: $40
Some extra costs may be incurred for practical aspects and projects within this course

What will I be doing in this course?

Entertainment offers training opportunities to students who are interested in anything to do with the production and running of live theatre, entertainment and events: backstage and crew roles, technical operations such as sound or lighting, staging and set design, venue and production management, dealing with patrons and professionals and personnel.

Students will study units of competency which focus on: front of house activities; set and props manufacture; lighting and sound operations; audio visual operations; scenic art; staging and stage management.

What else do I need to know about this course?

- Performance will not be counted as work placement hours. It is advisable to get involved in crew roles in school productions.
- You will be expected to complete a Senior First Aid course (which costs approximately $120) before receiving your Certificate III
- Students must own or purchase ‘stage blacks’ – black shirts, long black pants and enclosed black leather shoes (ideally steel capped). This is a safety requirement for in-school activities and work placement (no dresses or skirts).
- Because of the complexity of the course, assessment will be ongoing and continuous as new skills and knowledge are developed. While students will be informed with due process of any upcoming exams and major projects, they must be aware and prepared for practical assessments on a regular basis.

How will this course help me in the future?

On successful completion of this course students may receive a Certificate III in Entertainment (Technical Operations) or Statement of Attainment towards Certificate III in Entertainment.

At the end of this course students should be able to do: front of house activities; staging and stage management; lighting and sound operations; audio visual operations; set design and construction; provide first aid; routine correspondence and communication.

**Hospitality 240 hours**

2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B
School Delivery
Major Project: No
Work placement: Yes
Fees: $100
Some extra costs may be incurred for practical aspects and projects within this course. Uniform must be purchased.

Hospitality focuses on providing customer service and developing skills that can be transferred across a range of industries.

Workplaces for which Hospitality competencies are required include cafes, catering organizations, restaurants and resorts.

What will I be doing in this course?

This course is based on units of competency, which have been developed by the hospitality industry to describe the competencies, skills and knowledge required by workers in the industry. The course incorporates core units of competency plus units from various functional areas such as: kitchen attending, commercial cookery, commercial catering, food and beverage, front office, housekeeping and sales/office operations.

Students may follow either a Commercial Cookery or Food and Beverage strand. There are core units common to both strands. However there are units compulsory or specific to each strand.

How will this course help me in the future?

On completion of this course students may be eligible for either a Certificate II in Kitchen Operations (SIT20312) or a Statement of Attainment towards Certificate II in Kitchen Operations (SIT20312)

Samples of occupations students can aim for in the hospitality industry include: bar assistant, chef, events coordinator, food & beverage manager, reservations clerk, front office receptionist and guest service coordinator.
Information and Digital Technology

240 hours
2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B
School Delivery
Major Project: No
Work placement: Yes
Fees: $20

What will I be doing in this course?

This course is for students who wish to work in the information technology industry, or would like to further develop existing computing skills. The course is very practically oriented with most modules being delivered in a practical, hands-on environment.

The information technology industries include a wide range of industry sectors. The major industry activities and sectors are computer sales and maintenance, network management, hardware and software support and development, e-commerce, entertainment, and web-based resources.


IT is for students who are interested in:

- Designing – advertisements, web pages, programs, systems, software and games
- Networking – computers and the world through the Internet
- Supporting – computer users, software and networks in any industry
- Communicating – with clients, staff, management, suppliers and government departments; working in a team
- Finding Solutions – to technical and software problems to satisfy industry and client needs
- Managing – information, people and events

How will this course help me in the future?

Students who complete the 240 hour course will receive a Statement of Attainment towards Certificate III in Information Technology. Students will be equipped to undertake job roles as office assistant, records management leading into careers including: desktop publisher, e-business development manager, help desk officer, internet specialist, IT consultant, IT marketing manager, IT project manager, multimedia developer, network administrator, on-line service support officer, programmer, service technician, software developer, systems engineer, systems analyst, IT teacher/trainer, technical support officer, web designer.

Metal and Engineering 240 hours

2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B
School Delivery
Major Project: No
Work placement: Yes
Fees: $35 – some extra costs may be incurred for practical aspects and projects within this course.

What will I be doing in this course?

This course is for students who wish to work in the manufacturing or engineering industry, or simply would like to develop good maintenance skills. Students learn how to mark out, assemble, manipulate, weld and finish metal.

The manufacturing, engineering and related service industries include a wide range of industry sectors.

Some of these industry activities and sectors are metal fabrication, metal manufacturing, aero skills, metal machining, transport equipment manufacturing, electrical equipment and appliance manufacturing, and industrial machinery and equipment manufacturing.

The main topics covered include: Manufacturing, Engineering and Related Service Industries Induction; Workplace Health and Safety; Apply Quality Procedures; Plan to Undertake a Routine Task; Apply Quality Systems; Perform Computations; Use Hand Tools and Use Power Tools.

The course will offer students elective units from a range of industry areas. Elective units of competency include: Perform Routine Oxyacetylene Welding; Manual Heating and Thermal Cutting; Perform Routine Manual Metal Arc Welding and Use Workshop Machines for Basic Operations.

How will this course help me in the future?

On successful completion of this course students may receive a Certificate I in Engineering.

Examples of occupations students can aim for in the metal and engineering industry include: engineering draftsperson, engineer (automotive, fabrications, production, plastics, marine, mechanical), fitter, machinist, plumber, structural steel and welding supervisor.
Primary Industries 240 hours
2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B
School Delivery
Major Project: No
Work placement: Yes
Fees: $25

Primary Industries provide products and services in response to the demand not only for food and fibre but also for recreational and leisure activities. These products and services influence the daily lives of all members of society.

What will I be doing in this course?
This course will be based on units of competency, which will be drawn from the following training packages: AHC 20110 Certificate II in Agriculture, AHC 20410 Certificate II in Horticulture.

Students participating in the Primary Industries course will develop both desirable career and life skills, including teamwork, problem solving, responsibility, animal and plant care, machinery use and communication.

The course is designed to enable students to acquire a broad range of skills and knowledge related to work and employment in the primary industries sector. Depending on the units of competency studied, students will be able to develop their expertise in Plant and Animal Production, Conservation and Land Management, Horticulture and Basic Farm Operations.

Throughout this course students will develop knowledge about:
- Plant identification and propagation
- Livestock feeding care and handling
- Safe chemical use
- Tractor and machinery operation and maintenance
- Fencing for livestock - installation and repair

How will this course help me in the future?
On successful completion on this course students may receive a Certificate II in Agriculture (RTE20103), Certificate II in Horticulture (RTF20213) or Certificate II in Rural Operations (RTE20703).

Examples of occupations students can aim for in primary industries include: animal attending, beef production, crop production, dairy farming, farm management, fertiliser sales, horse care, livestock rearing and breeding, nursery management, pest and disease control, poultry production, research, rural merchandising, shearing, sheep and wool production, veterinary nursing and manager/owner of a small business.

Retail Services 240 hours
2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B
School Delivery
Major Project: No
Work placement: Yes – 70 hours
Fees: Nil

What will I be doing in this course?
The retail industry can provide students with a career path that leads to higher executive levels within the retail industry.

Students can gain skills in operating retail equipment, stock control, customer service and selling skills.

The course is for students who wish to work in the retail industry, either as a long-term career or in part-time or temporary retail jobs.

Retail offers significant opportunities for recognition of prior learning opportunities for students with part time jobs in the Retail industry. See your Careers Adviser for details.

Skills learnt throughout this course include:
- Customer service – selling to and communicating with clients, staff and management
- Stock control – purchasing, organising, distributing and managing
- Teamwork – supporting staff and management to meet sales and project targets
- Designing and creating – displays, presentations and sales campaigns
- Technology – using cash registers, scanners, computers, telephones

How will this course help me in the future?
On successful completion of this course students will receive a Statement of Attainment towards Certificate II at the end of Year 11 and Certificate II at the completion of Year 12.

Examples of occupations students can aim for in the retail industry include: buyer, customer service assistant, department manager, human resource manager, marketing manager, merchandise, sales manager, sales person, stock controller, visual merchandiser and manager/owner of a small business.
Content Endorsed Courses School Delivered

Content Endorsed courses have syllabuses endorsed or approved by the Board of Studies. The following courses are delivered at school and are timetabled as normal lessons.

All Content Endorsed Courses count towards the Higher School Certificate and are listed on the Record of Achievement. However, Content Endorsed Courses do not count towards calculation of the ATAR.
**English Studies**

2 Units in HSC  
Content Endorsed Course - School Delivery  
Major Project: No  
Work placement: No  
Fees: Nil

Content Endorsed Courses are developed by the Board of Studies to cater for a wide candidature of students in specific areas of need. Content Endorsed Courses do not have an external HSC examination and results are not eligible for inclusion in the calculation of the ATAR. For this reason, this course will not enable students to go to university directly from school. Students considering enrolment in the English Studies course are advised to seek careers advice regarding implications for post school training and development opportunities.

**What will I be doing in this course?**

The English Studies course offers a comprehensive and relevant language experience and an experience of literature. It aims to increase the opportunities available to students in their personal, social and vocational lives.

Some of the units available for study include:

- Playing the Game – English in sport  
- Digital Worlds – English for the web  
- On the Road – English and the experience of travel  
- Telling us all About it – English and the media  
- The Big Screen – English in film-making  
- Achieving Through English – English and the worlds of education, work and the community

The Board of Studies has agreed to recognise the satisfactory completion of the English Studies course as fulfilment of the English requirement for the HSC. The course may be included in the 6 units of Board Developed Courses required for the award of the HSC. However, a student who completes the English Studies course will not be eligible for the ATAR.

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**Exploring Early Childhood**

2 Units in both Preliminary/HSC  
Content Endorsed Course - School Delivery  
Major Project: No  
Work placement: No  
Fees: $20

**What will I be doing in this course?**

Our society acknowledges childhood as a unique and intense period for growth, development and learning. When members of society are provided with knowledge about childhood development they will then be able to support and encourage this development when interacting with children.

Exploring Early Childhood Stage 6 aims to develop understanding, skills and strategies to enable students to support and foster positive growth and development in the young children with whom they interact through the provision of safe, nurturing and challenging environments.

As this course has a practical as well as a theoretical base, it is considered important and highly desirable that students have the opportunity to interact with young children on a regular basis. The purpose of this interaction is to observe children, and to gain experience in understanding and relating to individual children. This is best achieved in informal settings, such as the home, with friends or relatives. This interaction would occur outside of school hours.

The Exploring Early Childhood course aims to achieve this by giving students an overview of development and related issues within an early childhood context. It provides the opportunity to consider a range of issues in relation to the individual student, their family and the community. As well as reflecting on the personal relevance of childhood issues, students are encouraged to consider the implications for future interactions with children, be these as a parent, friend, carer or educator.

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

The study of Exploring Early Childhood Content Endorsed Course Stage 6 provides students with knowledge, understanding and skills that form a valuable foundation for a range of courses at university and other tertiary institutions. In addition, this study assists students to prepare for employment and full and active participation as citizens. In particular, there are opportunities for students to gain recognition in vocational education and training. Teachers and students should be aware of these opportunities.

There is the potential for credit transfer at TAFE.
Photography, Video and Digital Imaging
2 Units in Preliminary and/or HSC
Content Endorsed Course - School Delivery
Exclusions: Projects developed for assessment in one subject are not to be used either in full or part time for assessment in any other subject.
Cannot be studied simultaneously with Media Industry – Multimedia.
Major Project: Yes
Work placement: No
Fees: $60
Some extra costs may be incurred for practical aspects and projects within this course.

What will I be doing in this course?
Photography offers students the opportunity to explore contemporary artistic practices that make use of photography. This field of artistic practice is highly relevant to contemporary ways of interpreting the world. The course offers opportunities to develop students’ understanding and skills, which contribute to an informed critical practice.

The course is designed to enable students to gain an increasing accomplishment and independence in their representation of ideas in the field of photography and understand and value how these fields of practice invite different interpretations and explanations. Students will develop knowledge, skills and understanding through the making of photographs that lead to and demonstrate conceptual and technical accomplishment. They will also develop knowledge, skills and understanding that lead to increasingly accomplished critical and historical investigations of photography.

Modules may be selected from: Wet Photography, Video and Digital Imaging. This will be determined by each school. A Workplace, Health and Safety module is mandatory. Students may also complete an Individual/Collaborative Project, which extends students’ learning experiences and may reflect students’ increasing interests and desire to specialise. Students are required to keep a diary throughout the course.

This course is made up of 70% making, 30% critical/historical study, with students being required to complete a number of hours work over several modules.

Excursions: non-compulsory, but extremely beneficial, visits to local and Sydney galleries. Students gain valuable knowledge of artist practice, critical and historical studies.

How will this course help me in the future?
Photography can be used as a basis to provide many skills needed in a variety of creative commercial and artistic fields including, graphic arts, magazines, digital imaging, web design, fashion, film and television, photojournalism and tourism. It provides a useful background for TAFE and university courses in photography, digital imaging, fine arts and visual communications.

Sport Lifestyle and Recreation Studies (SLR)
2 Units in Preliminary and/or HSC
Content Endorsed Course - School Delivery
Exclusions: Students studying SLR must not study modules which duplicate PDHPE modules.
Major Project: No
Work placement: No
Fees: $20

What will I be doing in this course?
Sport, Lifestyle and Recreation enables Stage 6 students to build upon their learning in Years K-10 Personal Development, Health and Physical Education.

Students will learn about the importance of a healthy and active lifestyle and recognise the need to be responsible and informed decision makers. They are encouraged to establish a lifelong commitment to being physically active and to achieving movement potential.

This course caters for a wide range of student needs. It can assist students in developing high levels of performance skill in particular sports, the capacity to adopt administrative roles in community sport and recreation, and 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.

The course provides the opportunity to specialise in areas of expertise or interest through optional modules such as: Aquatics; Athletics; First Aid; Fitness; Specific Sports; Gymnastics; Outdoor Recreation; Sports Administration; Coaching; Social Perspectives of Sport; and Healthy Lifestyle.

At the completion of this course a student will be able to:

- Understand and appreciate the factors that influence health and participation in physical activity
- Understand the principles that impact on quality of performance
- Analyse and implement strategies to promote health, activity and enhanced performance
- Identify the relationship between a healthy lifestyle and diet and exercise
- Be aware of anatomy and physiology
- Create and refine my own performance of movement skills and safe sporting practices

How will this course help me in the future?
This course will assist you to make valued and informed health decisions. This course would be of benefit to anyone interested in coaching, sport, the fitness industry, recreational education, physical education, nursing, occupational health or physiotherapy.
Work Studies
2 Units in both Preliminary/HSC
VET Board Endorsed Course - School Delivery
Major Project: No
Work placement: No
Fees: Nil

What will I be doing in this course?
This course is a general work-related course which enables students to develop skills to assist their entry into the workforce.

The course modules expand on the issues introduced in the core. The course modules offered are:

- In the Workplace
- Preparing Job Applications
- Workplace Communication
- Teamwork and Enterprise Skills
- Managing Work and Life Commitments
- Personal Finance
- Workplace Issues (the prerequisite module is In the Workplace)
- Self-Employment (the prerequisite module is Managing Work and Life Commitments)
- Team Enterprise Project (the prerequisite module is Teamwork and Enterprise Skills)
- Experiencing Work (one or two of these modules may be undertaken provided that they do not exceed 50% of course time)
- School-developed Module (one or two of these modules may be undertaken, provided that they do not exceed 25% of course time).

How will this course help me in the future?
Students will gain many useful experiences against which to test their emerging career and study preferences and to better equip themselves to make a successful school to work transition.

There is no HSC examination in this course. Students will receive a course assessment mark on their HSC Result Notice.
Board Developed Life Skills Courses

Life Skills courses are Board Developed courses that are specially designed to meet the needs of students within the context of an individual transition-planning process.

Students doing Life Skills can do these 6 units plus make up additional units by studying any of the courses offered in this book to suit their individual learning needs.

Life Skills courses are not examined externally and do not contribute to an ATAR.
English Life Skills
2 units for each of Preliminary and HSC
Board Developed Course
Major Project: No
Work placement: No
Fees: Nil

What will I be doing in this course?
The Stage 6 English Life Skills course focuses on the development of effective communication and literacy, which will enhance the participation of students in all aspects of post-school life.

The course emphasises the ability to initiate interactions and to respond appropriately to others in a variety of situations. This can provide opportunities for students to expand their understanding of the cultural, social and emotional aspects of verbal communication. The course focuses on reading, comprehending, interpreting and responding to a variety of texts. It also provides opportunities for students to develop their written communication skills and skills in understanding about viewing a wide range of visual material.

Study in the Stage 6 English Life Skills course should enable students to access information, engage in a range of recreational and leisure activities and to undertake further education, training and employment.

The structure of the English Life Skills course allows teachers to provide a broad and balanced program that reflects the needs of individual students within the context of the transition-planning process. Students may engage in study in selected modules or may study all six modules.

The main topics are:
- Communication
- Speaking
- Listening
- Reading
- Writing
- Viewing

The completion of a transition-planning process for each student is a condition of access to the English Life Skills course.

Mathematics Life Skills
2 units for each of Preliminary and HSC
Board Developed Course
Major Project: No
Work placement: No
Fees: Nil

What will I be doing in this course?
The Stage 6 Mathematics Life Skills course focuses on the development of the student’s ability to apply mathematics in a variety of contexts in order to enhance and encourage their participation in post-school life.

The course emphasises the application of mathematical operations to practical situations and the development of problem solving in real-life situations. Students have the opportunity to develop their practical skills in operations and calculations with money as well as the management of their personal finances. They can develop the capacity to manage personal time and schedule activities. The course also provides students with the opportunity to develop skills in the use of measurement tools and units in a range of situations.

Study in the Stage 6 Mathematics Life Skills course should enhance students’ access to community living, further education, training and employment.

The structure of the Mathematics Life Skills course allows teachers to provide a broad and balanced program that reflects the needs of individual students within the context of the transition-planning process. Students may engage in study in selected modules or may study all six modules.

The main topics are:
- Numeration
- Operations
- Time
- Space
- Money
- Measurement

The completion of a transition-planning process for each student is a condition of access to the Mathematics Life Skills course.
**Work and Community Life Skills**

2 units for each of Preliminary and HSC

Board Developed Course

Major Project: No

Work placement: No

Fees: Nil

*What will I be doing in this course?*

The Stage 6 Work and Community Life Skills course focuses on the skills, knowledge, understanding, values and attitudes that students need for employment, participation and independence in the community.

The course emphasises the development of the student’s understanding of the nature, patterns, variety and implications of paid and volunteer work. Students can develop a personal portfolio and will have the opportunity to clarify their expectations of workplace and community-based environments on the basis of actual experiences. They will be provided with a broad range of information, skills and experience in important aspects of the post-school environments they will encounter.

The course focuses on skills in communication, awareness of rights and responsibilities and safe and successful working practices. Opportunities will be provided for students to develop skills through graduated experiences and participation in the workplace and community-based learning environments that have been determined through the individual transition-planning process.

The structure of the Work and Community Life Skills course allows teachers to provide a broad and balanced program that reflects the needs of individual students within the context of the transition-planning process. Students may engage in study in selected modules or may study all six modules.

The main topics covered are:

- Understanding the World of Work
- Planning for Participation in Workplace and Community-Based Learning
- Developing a Portfolio in Preparation for Employment
- Introduction to the Workplace or Community-Based Learning Environments
- Dealing with Workplace and Community-Based Learning Environment Issues
- Participating in Workplace Learning and Community Based Learning Experiences.

The completion of a transition-planning process for each student is a condition of access to the Work and Community Life Skills course.
Board Endorsed Courses Locally

Board Endorsed Courses have been approved by the Board of Studies to cater for areas of special interest. These courses have been developed by the College to cater for the needs of the students.

All Board Endorsed Courses count towards the Higher School Certificate and are listed on the Record of Achievement. However, the following Board Endorsed Courses do not count towards calculation of the ATAR.
Sports Coaching
2 Units in both Preliminary and/or HSC
Board Endorsed Course - School Delivery
Major Project: No
Work placement: Yes
Fees: Nil
What will I be doing in this course?
This course is designed to improve the knowledge and skills of students in the field of coaching and first aid. This course aims to introduce students into the sports industry as a whole.

Students will be required to complete a number of assignments and a portfolio. Students will be required to attend one of the local primary schools to implement their specialist-coaching field.

Core Units of Competency:
- Work effectively in a business environment
- Organise and complete daily work activities
- Communicate in the workplace
- Work effectively with others
- Implement improved work practices
- Participate in environmental work practices
- Operate computing packages
- Provide first aid
- Develop knowledge of the sport and recreation industry
- Follow defined occupational health and safety policies and procedures
- Deal with client feedback

Elective Streams:
- Assist in preparing sport and recreation sessions for participants
- Assist in conducting sport and recreation sessions for participants
- Provide equipment for activities
- Operate in accord with accepted coaching practice, styles and legal and ethical responsibilities
- Apply rules and regulations to conduct games and competitions

Specialisation Strands - Students choose ONE specialisation strand. Students must choose a minimum of 6 elective units.

How will this course help me in the future?
This course assists in the increase of employment within the sporting industry, as it is recognised by industry and accredited under the Australian Quality Training Framework. This course also provides advanced standing into TAFE NSW.
Board Developed Courses – Category B – TAFE Delivered

Vocational Education and Training (VET)

Industry Curriculum Framework (ICF)

These are courses for which the Board of Studies develops a syllabus, setting out the aims, objectives, outcomes, structure and content. All Board Developed VET courses are Category B courses.

Students can select Board Developed VET Courses to be included as part of their 6 units from Board Developed Courses.

Only 2 units of Category B Board Developed VET courses can be included in the 10 units used to calculate a student’s ATAR.

Board Developed VET Courses are all delivered at school, except Accounting, Automotive, Electrotechnology, Human Services and Tourism, which are TAFE delivered.

Most Board Developed VET Courses contain 35 hours of work placement in both Preliminary and HSC years.

Important things to consider when selecting a VET course delivered at TAFE

- Block delivery of course hours – 4 hours one afternoon or morning per week (usually Wednesday 8:30 – 12:30pm, Wednesday 1.00 – 5pm, depending on the course). Certificate III is offered in some courses, requiring full day attendance at TAFE on Wednesdays.

- Travel to Bathurst TAFE is provided by Denison College for Wednesday 1.00 - 5.00pm courses only. Students must apply for a Denison College Bus Pass. Students must organise their own transport home and to/from all other courses.

- As with all senior courses, attendance is required at all lessons. One missed lesson block (day) equals a week of course content missed.

Some VET courses may be offered at Orange TAFE or at other times.
**Accounting 240 hours**

2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B: TAFE
NSW Delivery
Major Project No
Work placement: Optional
Fees: Nil

**What will I be doing in this course?**

During the Preliminary year, students study Accounting Procedures, which gives them the skills and knowledge associated with manual accounting procedures, subsystems (e.g. payroll) and final reports.

In the HSC year the emphasis will be on computer concepts and computer accounting (trial balance, profit & loss, balance sheet).

**What should I be able to do at the end of this course?**

- Keep manual accounting records and ledger systems
- Develop knowledge of computer accounting
- Operate general computer software packages

Students will undertake an external TAFE NSW exam at the end of their Preliminary year of study. Assessment tasks as ongoing and are submitted to the Board of Studies. The marks for this course are eligible for inclusion in the ATAR (Category B) and are calculated using the external exam (70%) and ongoing assessment (30%).

This course is a seven term course. There are four terms in Year 11 and three terms in Year 12, with the major exam at the end of Year 11.

Assessments – written tests, a centrally set exam, project work and practical tasks.

Work placement is not mandatory.

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

This two-year course is designed for students wishing to gain employment in the accounting or finance industry. It will give direct credit into the Diploma and Advanced Diploma in Accounting at TAFE NSW so that these qualifications can be completed in minimum time.

This course is very useful preparation for students undertaking a degree in Commerce or Business finance at university. Students may be able to find work after school as an accounts clerk, accountant trainee or finance clerk.

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**Automotive 240 hours**

2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B: TAFE
NSW Delivery
Major Project No
Work placement: Yes
Fees: Nil

**What will I be doing in this course?**

Automotive aims to provide students with the opportunity to gain a range of skills suitable for employment in the automotive industry and to provide pathways for further study.

Throughout this course a student will:

- Learn safe working practices in the automotive retail service and repair industry
- Identify, select, use and maintain tools and equipment
- Apply environmental regulations and best practice in a workplace or business
- Acquire customer relations and communication skills
- Develop knowledge and skills to locate, identify and state the basic functions and operation of major systems and components in automotive vehicles
- The systems and components include: engines, electrical, suspension, steering, exhaust, transmission and driveline

**What else do I need to know about this course?**

Students must complete a minimum of 35 hours work placement in each year. Completion of the two year 240 hour course entitles a student to sit for the optional HSC exam. The course is classed as a Category B in terms of the calculation of ATAR mark. School based part time traineeships are available – contact your careers adviser.

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

This course is designed to give those students interested in a career in the automotive industry advanced standing for future studies at TAFE NSW.

It provides students with competencies from, and a further pathway into, the Automotive Industry Retail, Service and Repair Training package (AUR05). This package provides training from Certificate 1 to Diploma level.

Career options include automotive service mechanic, automotive and spare parts sales and other automotive related activities.
**Board Developed Courses - Category B Subjects**

**Electrotechnology 240 hours**
2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B: TAFE NSW Delivery
Major Project: No
Work placement: Yes
Fees: Nil

*What will I be doing in this course?*
Electrotechnology aims to provide students with the opportunity to gain a range of skills suitable for employment in the Electrotechnology (including the Electrical) industry and to provide pathways for further study.

Throughout this course a student will:
- Acquire basic skills and knowledge of electrical principles and routine work activities that relate to the Electrotechnology industry
- Develop skills and knowledge of customer service and OH&S requirements in an Electrotechnology environment
- Learn to identify and select components, accessories and materials for Electrotechnology work activities
- Develop skills and knowledge to use routine equipment/plant/technologies in an Electrotechnology environment

*What else do I need to know about this course?*
It is strongly recommended that students have competency at 5.2 level B or above in Maths. Students must complete a minimum of 35 hours work placement in each year. Completion of the two year 240 hour course entitles a student to sit for the optional HSC exam. This course is classed as a Category B in terms of the calculation of an ATAR mark. School based part-time traineeships are available – contact your careers adviser.

*How will this course help me in the future?*
This course is designed to give those students interested in a career in the Electrotechnology industry advanced standing for future studies at TAFE NSW.

It provides students with competencies from, and a further pathway into, the Electrotechnology Training Package (UEE06).

This package provides qualifications from Certificate 1 to Advanced Diploma level.

Career options include a broad range of electrical, electronics, air conditioning, data communications and power utility employment related activities.

**Human Services (Nursing) 360 hours**
2 Units in Preliminary and 4 Units in HSC
Board Developed Vocational Education and Training (VET) Course – Category B: TAFE NSW Delivery
Major Project: No
Work placement: Yes mandatory
Fees: Nil

*What will I be doing in this course?*
This course is for students who are interested in a career in nursing and allied health services.

The course provides students with skills suited to employment in hospitals, aged care facilities and as assistants to health care professionals.

At the completion of this course a student will be able to:
- Apply first aid
- Comply with infection control policies and procedures
- Participate in WH&S processes
- Work in the nursing profession
- Recognise healthy body systems in a health care context
- Assist nursing team in an acute care environment
- Use basic medical terminology
- Work effectively with culturally diverse clients and co-workers
- Communicate and work effectively in health
- Use safe work practices
- Demonstrate an understanding of the legal, ethical and organizational requirements of their own work role
- Work in the nursing profession
- Transport and assist with client movement

*What else do I need to know about this course?*
This course can be counted as a Preliminary or HSC course. A one year course will only include some of the above areas of study. It will run as a two year course only if there is sufficient demand. This is a 6 unit course with 2 units counting in Year 11 and 4 units in Year 12.

*How will this course help me in the future?*
This course provides an excellent starting point for a career in nursing, social work or any field involved in the care of others. This course provides direct credit into the Enrolled Nurse program and Assistant in Nursing program and the Certificate III in Health Services Assistant (HLT32507).
Tourism 240 hours
2 Units in each of Preliminary and HSC
Board Developed Vocational Education and Training (VET) Course – Category B: TAFE
NSW Delivery
Exclusion: Special arrangements may apply
for students who wish to study Tourism and Hospitality
Major Project: No
Work placement: Yes
Fees: Nil

Tourism aims to provide students with the opportunity to gain a range of skills suitable for employment in the tourism industry and to provide pathways for further study.

What will I be doing in this course?
This course is based on units of competency, which have been developed by the tourism industry to describe the competencies, skills and knowledge required by workers in the industry.

Competencies undertaken may include: promote products and services to customers, source and provide destination information and advice, develop and update tourism industry knowledge, co-ordinate guest and delegate registrations at venue, use business technology and provide on-site information and assistance.

Throughout this course a student will learn to:
 Market tourist attractions
 Guide people to special sites and places
 Arrange reservations and accommodation for international and local travel
 Plan and organise events and manage services

How will this course help me in the future?
On successful completion of this course students may receive a Certificate II or Certificate III in Tourism (Operations).

Examples of occupations students can aim for in the tourism industry include: conference manager, events coordinator, tourism consultant, public relations manager, publicity and sales manager, reservations clerk, group tour coordinator, sales officer, specialist site guide, tour guide and manager/owner of a small business.
Content Endorsed Courses TAFE Delivered

Content Endorsed courses have syllabuses endorsed or approved by the Board of Studies. The following courses are delivered by TAFE.

All Content Endorsed Courses count towards the Higher School Certificate and are listed on the Record of Achievement. However, Content Endorsed Courses do not count towards calculation of the ATAR.
Animal Studies

Duration: 1 or 2 years
Options: Year 11 and Year 12
Unit value: 2 or 4 units - Year 11 or 2 or 4 units - Year 12
Qualification: Transcript of Academic Record towards Certificate II Animal Studies
Certificate II Animal Studies
Work placement: YES – Mandatory
Pathway:
Certificate III Animal Studies
Certificate III Animal Technology
Certificate III Companion Animal Services
Certificate III Captive Animals
Certificate IV Veterinary Nursing
Course description: This course is for students wanting to work as an animal attendant or carer in kennels and catteries, pounds and welfare centres, quarantine establishments, and zoological and fauna parks, wildlife refuges, research centres, pet shops and commercial animal production enterprises.
Career opportunities: Animal carer in a wide range of workplaces, wildlife or pet care services; veterinary nursing attendant, animal attendant.

Beauty Therapy – Retail Makeup and Skin Care

Duration: 1 or 2 years
Options: Year 11 or Year 12
Unit value: 2 or 4 units - Year 11 or 2 or 4 units - Year 12
Qualification: Transcript of Academic Record towards Certificate II in Retail Makeup and Skin Care
Certificate II in Retail Makeup and Skin Care
Work placement: YES – Mandatory
Pathway: Competencies achieved in this qualification may enable articulation into:
Certificate II Retail Makeup and Skin Care
Certificate II Nail Technology
Certificate III Beauty Services
Certificate III Nail Technology
Certificate IV Beauty Therapy
Course description: This course is for students interested in working in the makeup services industry and provides learners with introductory beauty knowledge and skills and generic teamwork and communication skills.
Career opportunities: This course is for students who want to work as a beauty retail cosmetic assistant (film, television, live entertainment), salon assistant (makeup and skin care assistant) or beauty/salon receptionist.

Aviation Aircraft Operation (Theory)

Duration: 1 or 2 years
Options: Year 11 or Year 12
Unit value: 2 units – Year 11 or 2 units – Year 12
Qualification: Transcript of Academic Record towards Certificate II in Aviation (Flight Operation)
Certificate II in Aviation (Flight Operation)
Work placement: No
Pathway: Certificate II in Aviation (Flight Operation)
Course description: This course introduces students to the aviation industry at an operational level. The course is of particular interest to those who would seek employment in areas of aircraft operation.
Career opportunities: Military operation, air traffic controller, commercial pilot, aircraft engineer, cabin crew, cargo services operator.
Companion Animals

Duration: 2 years
Options: Year 11 or Year 12
Unit value: 2 units – Year 11 or 2 units – Year 12
Qualification: Transcript of Academic Record towards Certificate III Companion Animal Services

Work placement: YES – Mandatory
Pathway: Certificate IV Companion Animals, Certificate IV Veterinary Nursing

Course description: This course is for students who want to be employed as animal care workers in: dog boarding kennels and catteries, RSPCA and animal welfare organisations and general pet stores. Students will develop skills for providing daily care of animals including: feeding, maintaining hygiene and limiting infection, maintaining housing, grooming, observing animals and ensuring animal safety. Students will also acquire the skills necessary for contact with the public to provide information on products and services.

Career opportunities: Pet shop assistant, kennel attendant, cattery attendant, assistant dog trainer, pet exerciser, assistant grooming attendant.

Early Childhood Education and Care

Duration: 1 or 2 years
Options: Year 11 or Year 12
Unit value: 2, 3 or 4 units – Year 11 or 2, 3 or 4 units – Year 12
Qualification: Transcript of Academic Record towards Certificate III Early Childhood Education and Care or full qualification of Certificate III Early Childhood Education and Care

Work placement: YES – Mandatory (Students must be 16 years of age)
Pathway: Articulation into courses for centre based care, family day care educators and for other courses in the Community Services Training Package. Certificate III Early Childhood Education and Care Diploma Early Childhood Education and Care.

Course description: This course provides students with an introduction to child care and skills such as facilitating play and leisure activities suited for employment as educators in centre based care facilities for children. Students will participate in play sessions. Full Certificate III requires completion of 120 hours of mandatory work placement in regulated children's services for children 0-5 years.

Career opportunities: Childcare educator, family day care educator, nanny, playgroup supervisor, early childhood educator.

Design Fundamentals

Duration: 1 or 2 years
Options: Year 11 or Year 12
Unit value: 2 units or 2 units – Year 11 and 12 or 4 units in Year 12
Qualification: Transcript of Academic Record towards Certificate III Design Fundamentals

Work placement: YES – Mandatory
Pathway: This qualification prepares students for design learning at higher levels across a broad range of design disciplines.

Course description: The purpose of this course is to provide students with the opportunity to gain knowledge and skills in design fundamentals, such as: design practice, photo imaging, ceramics, digital art, video art.

Career opportunities: Design assistant.
**Fitness**

**Duration:** 1 or 2 years  
**Options:** Year 11 or Year 12  
**Unit value:** 2 units Year 11 or 2 units Year 12  
**Qualification:** Transcript of Academic Record towards Certificate III Fitness  
**Work placement:** YES – Mandatory  
**Pathway:** Certificate III Fitness  
**Course description:** This course is for students who are interested in acquiring the knowledge and skills to work as an exercise instructor in gyms, fitness facilities, pools, community facilities and outdoor environments.  
**Career opportunities:** Exercise instructor, group exercise instructor, aqua group instructor.

**Media Journalism**

**Duration:** 1 or 2 years  
**Options:** Year 11 or Year 12  
**Unit value:** 2 units Year 11 or 2 units Year 12  
**Qualification:** Transcript of Academic Record towards Media Journalism  
**Work placement:** No  
**Pathway:** This course prepares students for further study in news media at Certificate III level.  
**Course description:** This course is for students with good English skills who are interested in acquiring journalistic skills to help gain employment in the media news industry: basic news gathering skills, researching and writing soft and hard news stories for print and electronic media.  
**Career opportunities:** News cadet.

**Hairdressing**

**Duration:** 1 or 2 years  
**Options:** Year 11 Year 12  
**Unit value:** 2 units Year 11 or 2 units Year 12  
**Qualification:** Transcript of Academic Record towards Certificate II Hairdressing  
**Work placement:** YES – Mandatory  
**Pathway:** When students finish this course they can apply for advanced standing in Certificate III Hairdressing.  
**Course description:** This course is for students who want to gain practical skills in hairdressing for employment in the hairdressing industry.  
**Career opportunities:** Apprentice hairdresser, salon assistant or hairdressing receptionist.
Outdoor Recreation

**Duration:** 1 or 2 years  
**Options:** Year 11 Year 12  
**Unit value:** 2 or 4 units Year 11 or 2 or 4 units Year 12  
**Qualification:** Transcript of Academic Record towards Certificate II Outdoor Recreation or Certificate II Outdoor Recreation  
**Work placement:** YES – Mandatory (included in the block delivery program)  
**Pathway:** Advanced standing in selected units within the Certificate III in Outdoor Recreation.  
**Course description:** This course is delivered, under supervision, in an ‘outdoors bush’ setting. Students will experience a variety of natural landscapes. All specialist equipment, transport and catering is provided. Students will develop knowledge and skills to participate in a range of adventure activities which might include canoeing, canyoning, climbing, bushwalking, abseiling, cross country skiing and white water kayaking. In the cooperative team context, students will learn about, and take responsibility for, aspects of group organisation and management, logistics and equipment requirements and campcraft. Students will be sleeping in tents.  
**Career opportunities:** Outdoor activity assistant.

Plumbing

**Duration:** 1 or 2 years  
**Options:** Year 11 Year 12  
**Unit value:** 2 or 4 units Year 11 2 or 4 units Year 12  
**Qualification:** Transcript of Academic Record achieved towards Certificate III Plumbing  
**Work placement:** Strongly recommended  
**Pathway:** This course provides advanced standing into: Certificate III Plumbing, Certificate III Roof Plumbing and Certificate III Fire Protection.  
**Course description:** The aim of this course is to provide instruction, demonstration and practical experience to gain skills and knowledge for employment in the plumbing industry. Six specialist streams are covered: water, sanitary, drainage, mechanical services, and roof and gas services.  
**Career opportunities:** Plumber, plumber and drainer, plumber and gasfitter, gasfitter, roof plumber.
Introduction

Welcome to the Denison College of Secondary Education Career Planning Guide

This guide is designed for use in conjunction with the Senior Studies Guide to help you to make an informed and thoughtful decision about the subjects and pattern of study that you will undertake in your senior years.

It is supported by the expert careers advice and guidance that is available to you on each campus of Denison College.

The guide will help you to make wise decisions about your future, and will help make a seamless transition from school to your post school destination. It is meant as a guide only, to help you identify subjects and subject combinations that are most useful for the career area that you might be considering.

Subject choice should be made on the basis of your interests, abilities and career plans. It is important that you think about your interests and strengths before you begin to choose your subjects. If you choose subjects that you like and are good at, you should enjoy studying them, do well in them and learn skills that you can use later in life.

If you already have a career path in mind, then your choice of subjects can be designed to maximise credit transfer and perhaps fast track you into your career. If you are unsure of your career plans, then choosing subjects that you like and are good at may open up options for you and help you to decide on a suitable career path.
The tables in the Career Planning Guide demonstrate that you can enter careers at several different levels. After the Higher School Certificate (HSC), it is possible to start on a career path by:

- Going straight into the work force or via structured training (apprenticeship or traineeship)
- Continuing in education at TAFE NSW or a private training provider
- Seeking professional qualifications from university

Different subject combinations are appropriate for different students, depending on the level of training that you are prepared to undertake. It is possible to “start at the bottom” in the career structure and work your way up, or to continue your education beyond school and enter the career on a higher level.

The guide demonstrates that progressing from one career level to another is always possible. For example, a Certificate gained at school may give credit transfer to a diploma at TAFE, which may give credit transfer to a degree at university.

While universities often assume a certain level of achievement in specified HSC courses (Assumed Knowledge), there are very few courses which specify subjects that must be studied at school (Pre-requisites). Some universities offer bridging or introductory courses that enable people who do not have the recognised level of assumed knowledge to achieve the recommended HSC standard. You must carefully research entry requirements and university recommendations that are relevant to you.

For further information regarding University Entry requirements, consult the UAC Year 10 Booklet available from your Careers Adviser.

An ATAR is not needed if you are planning to progress to TAFE NSW after your HSC, as acceptance into a TAFE NSW course is based on an application process that considers several criteria including HSC performance in related subjects, demonstrated interest in the subject and work related experience.

For direct entry into the workforce after the HSC, it is more important for you to be able to demonstrate a good attitude to work, skills, or a willingness to learn skills, in the related area, and experience in the work place.

The study of dual accredited Vocational Education and Training (VET) courses, delivered at school or TAFE NSW, will give you the opportunity to fast track into careers in a related industry. VET courses contribute units to your HSC and contribute to a nationally recognised Australian Qualification Framework (AQF) award. Workplace learning is an integral part of VET. It may even be possible for you to complete a part time Traineeship or Apprenticeship in your chosen industry while you are still at school.

If you have clear career goals you should ensure that your subject selection satisfies all prerequisites, maximises your credit transfer and teaches you appropriate skills for your chosen vocation. If you have no clear career goals you should try to ensure that you receive a good general education, gain skills useful in a range of career areas and keep open your options for further study.

The information in the Career Planning Guide is based on the current UAC Guide, TAFE NSW Handbook, UAC University Entry Requirements Year 10 Booklet, HSC TAFE Credit Transfer website, and HSC subject information from the Board of Studies. Individuals must check carefully specific course requirements, credit transfer arrangements and advice from individual institutions and employers.

Good luck with your selections and remember that Denison College staff on both campuses are available if you have any questions on any aspect of subject selection or your education.
What is credit transfer?

**Australian Qualifications Framework**

The Australian Qualifications Framework (AQF) is a single, national, coherent framework for qualifications from the Senior Secondary Certificate (HSC) to a Doctoral Degree. It links together all these qualifications and promotes lifelong learning, encouraging continual upgrading of knowledge and skills.

Denison College is committed to providing pathways between the school, the vocational education sector (TAFE) and the higher education sector.

Credit Transfer is a form of recognition based on a formal arrangement between educational institutions. Credit Transfer is not automatic and must be applied for at the time of enrolment at TAFE or university.

Credit Transfer arrangements negotiated between the NSW Board of Studies and TAFE NSW enable you to get credit for HSC studies you have already completed. It applies to a range of HSC courses such as English, Business Studies and Biology, and includes Vocational Education and Training (VET) courses such as Hospitality, Retail and Construction.

Credit Transfer arrangements between TAFE NSW and the Higher Education sector (universities) may enable you to get credit for TAFE NSW studies you have already completed. For example, University of Technology, Sydney will give up to a year of advanced standing for Diploma or Advanced Diploma courses completed at TAFE NSW. Specific credit will depend on subjects completed and level of achievement in those subjects.

What is RPL?

**Recognition for Prior Learning**

If you are granted recognition of prior learning (RPL) at TAFE NSW or university, you will receive advanced standing in the course in which you plan to enrol and do fewer modules/units in that course. Recognition may allow you to complete your qualification faster. Advanced standing does not give you automatic entry to a course. The usual entry requirements and selection procedures apply.

For details of HSC/TAFE credit transfer see [www.det.nsw.edu.au/hsctafe](http://www.det.nsw.edu.au/hsctafe)

For details of TAFE NSW/Universities Credit Transfer see [www.tafensw.edu.au/tafeunicredit](http://www.tafensw.edu.au/tafeunicredit)

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### Career Planning

**Applied Science**

#### Preliminary and HSC Program:

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<td></td>
<td>• Information and Digital Technology 👁</td>
</tr>
<tr>
<td></td>
<td>• Software Design and Development</td>
</tr>
<tr>
<td></td>
<td>• Metal &amp; Engineering 👁</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>School Delivered</th>
<th>TAFE NSW Delivered</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Automotive (VET + Work Placement – Cat B) 🦁</td>
<td>• English Advanced or English Standard or English as a Second Language</td>
</tr>
<tr>
<td>• Aviation 🦁</td>
<td>• Mathematics or General Mathematics</td>
</tr>
<tr>
<td>• Computer (CAD) Skills *</td>
<td>• Mathematics Preliminary Extension 1</td>
</tr>
<tr>
<td>• Fitness *</td>
<td>• Mathematics HSC Extension 1 and 2</td>
</tr>
<tr>
<td>• Plumbing *</td>
<td>• Agriculture</td>
</tr>
</tbody>
</table>

**Other Subjects** may be chosen from any area of the curriculum to suit individual interests and abilities.

- ATAR Category B – only one Category B subject can be included in the ATAR calculation
- Not included in ATAR calculation
- VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

**Some Advice:**

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- ATAR Category B – only one Category B subject can be included in the ATAR calculation
- VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

#### Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>• New Apprenticeships</td>
<td>• Advanced Diploma, Diploma and Certificates in:</td>
<td></td>
</tr>
<tr>
<td>• Laboratory Assistant</td>
<td>• Agriculture</td>
<td></td>
</tr>
<tr>
<td>• Polymer Processing</td>
<td>• Applied Science (Biological Techniques)</td>
<td></td>
</tr>
<tr>
<td>• Nursery</td>
<td>• Aviation</td>
<td></td>
</tr>
<tr>
<td>• Green keeping</td>
<td>• Horticulture</td>
<td></td>
</tr>
<tr>
<td>• Landscaping</td>
<td>• Animal Attending/Technology</td>
<td></td>
</tr>
<tr>
<td>• Parks and Gardening</td>
<td>• Environmental Technology and Practice</td>
<td></td>
</tr>
<tr>
<td>• Food Industry</td>
<td>• Engineering</td>
<td></td>
</tr>
<tr>
<td>• Local Government</td>
<td>• Building Studies</td>
<td></td>
</tr>
<tr>
<td>• Fitness Leader</td>
<td>• Hydrology and Environmental Management</td>
<td></td>
</tr>
<tr>
<td>• Personal Trainer</td>
<td>• Laboratory Techniques</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Laboratory Technology (Biological, Food, Pathology, Manufacturing, Chemical)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Sport and Recreation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Viticulture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Bachelor degrees in:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Physics/Chemistry/Biology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Advanced Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Computer Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Environmental Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Architecture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Surveying</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Marine</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Biotechnology and Bioinformatics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Agriculture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Natural Resources</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Engineering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mathematics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Psychology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Food Services/Viticulture/Dietetics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Health Sciences/Sport Sciences</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Nanotechnology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Science Media and Communications</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Forensic Science</td>
<td></td>
</tr>
</tbody>
</table>

Senior Studies Guide

Building and Construction

Preliminary and HSC Program:

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
</tr>
</thead>
</table>
| • English Advanced  or  
  • English Standard  or  
  • English as a Second Language | • Mathematics  
  • General Mathematics  
  • Physics  
  • Senior Science  
  • Construction  
  • Information and Digital Technology  
  • Industrial Technology  
  • Business Studies  
  • Metal and Engineering  
  • Visual Arts | • Automotive (VET + Work Placement Cat B)  
  • Plumbing * |

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

- ATAR Category B – only one Category B subject can be included in the ATAR calculation
- Not included in ATAR calculation
- VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

Some Advice:
- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- A common avenue for entry to the building and construction industry is through a trade apprenticeship. Maximum credit into the trade can be gained through the study of the VET course in Construction for the HSC. It is possible to articulate from the trade into higher TAFE and university courses.
- It is possible to enter the building and construction industry directly through a diploma course at TAFE or a degree course at university.
- University study in the field of Building Construction Management usually assumes HSC study of Mathematics (not General Mathematics). It may be possible to take supplementary Mathematics in your first year at university. The study of HSC Physics may be recommended and Visual Arts may be useful preparation for the study of Architecture.

Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
</table>
| • New Apprenticeships  
  • Bricklaying/Block Laying  
  • Carpentry  
  • Drafting  
  • Roofing  
  • Painting and Decorating  
  • Plasterboard/Solid Plastering  
  • Plumbing  
  • Tiling Wall and Floor  
  • Shop Fitting and Detailed Joinery  
  • Cabinetmaking  
  • Stonemasonry  
  • General Construction Traineeship  
  • Retail (Hardware, Timber) | • Advanced Diploma, Diploma and Certificates in:  
  • Building Studies  
  • CAD  
  • Electrical Technology  
  • Architectural Technology  
  • Environmental Health and Building Surveying  
  • Furniture Design  
  • Land and Engineering Survey Drafting  
  • Surveying  
  • Mechanical Technology  
  • Construction  
  • Quantity Surveying  
  • Civil Construction | • Bachelor degrees in:  
  • Architecture  
  • Building Construction Management  
  • Construction/Project Management  
  • Survey and Spatial Information Systems Engineering  
  • Engineering Civil  
  • Planning  
  • Property Economics  
  • Environmental Planning  
  • Surveying  
  • Quantity Surveying  
  • Industrial Design  
  • Interior Architecture |

# Career Planning

## Business and Administration

### Preliminary and HSC Program:

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>School Delivered</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>• English Advanced</td>
<td>• Mathematics or General Mathematics</td>
</tr>
<tr>
<td>or English Standard</td>
<td>• Mathematics Preliminary Extension 1</td>
</tr>
<tr>
<td>or English as a Second Language</td>
<td>• Mathematics HSC Extension 1 and 2</td>
</tr>
<tr>
<td></td>
<td>• Business Studies</td>
</tr>
<tr>
<td></td>
<td>• Economics</td>
</tr>
<tr>
<td></td>
<td>• Legal Studies</td>
</tr>
<tr>
<td></td>
<td>• Business Services ♠♠</td>
</tr>
<tr>
<td></td>
<td>• Information and Digital Technology ♠♠</td>
</tr>
<tr>
<td></td>
<td>• Retail Services ♠♠</td>
</tr>
<tr>
<td></td>
<td>• Geography</td>
</tr>
<tr>
<td></td>
<td>• Software Design and Development</td>
</tr>
<tr>
<td>Other Subjects</td>
<td></td>
</tr>
<tr>
<td>may be chosen from any area of the curriculum to suit individual interests and abilities.</td>
<td></td>
</tr>
<tr>
<td>♣ ATAR Category B – only one Category B subjects can be included in the ATAR calculation</td>
<td></td>
</tr>
<tr>
<td>* Not included in ATAR calculation</td>
<td></td>
</tr>
<tr>
<td>♠ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)</td>
<td></td>
</tr>
</tbody>
</table>

### Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- The study of HSC Mathematics is recommended for a career in Business. University study in the field of Business/Economics/Commerce/Finance usually assumes HSC study of Mathematics (not General Mathematics) or higher. It may be possible to take supplementary Mathematics subjects in your first year at university to bring a General Mathematics student up to the required standard.
- The study of HSC Economics, Business Studies, Accounting, Legal Studies and other related subjects is recommended but not essential for further study at tertiary level.
- The successful completion of the 240 hour Business Services course provides direct credit transfer into TAFE courses in Business Services.

### Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>• New Apprenticeships</td>
<td>• Advanced Diploma, Diploma and Certificates in:</td>
<td>• Bachelor degrees in:</td>
</tr>
<tr>
<td>• Financial Services</td>
<td>• Accounting</td>
<td>• Accounting</td>
</tr>
<tr>
<td>• Clerical Administrative Skills</td>
<td>• Financial Services/Banking and Finance</td>
<td>• Economics</td>
</tr>
<tr>
<td>• Business/Office Administration</td>
<td>• Business Studies</td>
<td>• Electronic Business</td>
</tr>
<tr>
<td>• Small Business Operation</td>
<td>• Marketing/Advertising/Public Relations</td>
<td>• Information Technology</td>
</tr>
<tr>
<td>• Retail Operations</td>
<td>• Asia Pacific Marketing</td>
<td>• Business Management</td>
</tr>
<tr>
<td>• Wholesale Services</td>
<td>• Small Business Management</td>
<td>• Finance</td>
</tr>
<tr>
<td>• Hardware Operations (Sales)</td>
<td>• International Business</td>
<td>• Industrial Relations</td>
</tr>
<tr>
<td>• Real Estate (Sales)</td>
<td>• Management</td>
<td>• Marketing and/or Advertising</td>
</tr>
<tr>
<td>• Real Estate (Property Management)</td>
<td>• Real Estate (Sales/Property Management)</td>
<td>• Communications/Public Relations</td>
</tr>
<tr>
<td>• Public Administration</td>
<td>• Human Resource Management</td>
<td>• Property Economics (Real Estate, Valuation, Property Management)</td>
</tr>
<tr>
<td>• Information Technology</td>
<td>• Retail Management</td>
<td>• Human Resource Management</td>
</tr>
<tr>
<td>• Web Design and Management</td>
<td>• Tourism and Hospitality Management</td>
<td>• Tourism and Hospitality Management</td>
</tr>
<tr>
<td>Jobs</td>
<td>• Office Administration</td>
<td>• Law</td>
</tr>
<tr>
<td>• Retail/Cashier</td>
<td>• Information Technology</td>
<td>• International Business</td>
</tr>
<tr>
<td>• Call Centre Operator</td>
<td>• Music Industry Skills (Business) Management</td>
<td></td>
</tr>
<tr>
<td>• Clerical Assistant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Senior Studies Guide

Communication and Humanities

Preliminary and HSC Program:

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
<th>TAFE NSW Delivered</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ English Advanced or ▪ English Standard or ▪ English as a Second Language</td>
<td>▪ Ancient and/or Modern History ▪ History Extension ▪ Society and Culture ▪ Legal Studies ▪ Languages ▪ Aboriginal Studies ▪ English Preliminary Extension 1 ▪ English HSC Extension 1 and 2 ▪ Music 1 or 2 ▪ Visual Arts ▪ Community and Family Studies ▪ Information and Digital Technology ♣♣ ▪ Entertainment Industry ♣♣ ▪ Sport Life Style and Recreation Studies * ▪ Exploring Early Childhood *</td>
<td>▪ Outdoor Recreation *</td>
</tr>
</tbody>
</table>

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

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♣♣ Not included in ATAR calculation
* VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

Some Advice:
▪ Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
▪ University degrees in the humanities, social sciences, communications and law areas do not assume any particular HSC study. However communication skills developed through the study of English are essential. Advanced English is recommended.
▪ HSC subjects that develop research, critical thinking and communication skills are recommended.

Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
</table>

Career Planning

Creative and Performing Arts

Preliminary and HSC Program:

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>• English Advanced</td>
<td>• Music 1 or 2</td>
</tr>
<tr>
<td>or English Standard</td>
<td>• Visual Arts</td>
</tr>
<tr>
<td>or English as a Second Language</td>
<td>• Dance</td>
</tr>
<tr>
<td></td>
<td>• Drama</td>
</tr>
<tr>
<td></td>
<td>• Textiles and Design</td>
</tr>
<tr>
<td></td>
<td>• Entertainment Industry ¶</td>
</tr>
<tr>
<td></td>
<td>• English Preliminary Extension 1</td>
</tr>
<tr>
<td></td>
<td>• English HSC Extension 1 and 2</td>
</tr>
<tr>
<td></td>
<td>• Photography &amp; Video – Digital Imagery *</td>
</tr>
<tr>
<td></td>
<td>• Industrial Technology - Multimedia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>School Delivered</th>
<th>TAFE NSW Delivered</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Hairdressing *</td>
<td>• Beauty Therapy *</td>
</tr>
<tr>
<td>• Computer (CAD) Skills *</td>
<td></td>
</tr>
</tbody>
</table>

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

¶ ATAR Category B – only one Category B subject can be included in the ATAR calculation

* Not included in ATAR calculation

¶ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

Some Advice:

• Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
• University study of creative arts areas usually assumes the HSC study of Visual Arts and/or Design and Technology and/or Textiles and Design. University study assumes good communication skills, so the study of English is important. Additional selection criteria may apply.
• University study of Performing Arts (depending on specialist area chosen) assumes the HSC study of Music (often Music 2 and extension Music), or Drama or Dance. Entry to Performing Arts courses is usually based on an audition and/or interview.
• There are some areas of creative and performing arts that can be studied at TAFE. Many HSC subjects, such as Visual Arts, Design and Technology, Textiles and Design and Entertainment will give direct credit into these courses. Successful completion of TAFE delivered HSC subjects gives advanced standing in the study of related TAFE certificates.

Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Apprenticeships:</td>
<td>Advanced Diploma, Diploma and Certificates in:</td>
<td>Bachelor degrees in:</td>
</tr>
<tr>
<td>Hairdressing</td>
<td>• Music Contemporary</td>
<td>• Fine Arts</td>
</tr>
<tr>
<td>Beauty Care and Makeup</td>
<td>• Music Industry Skills</td>
<td>• Design – Graphic, Interior, Fashion, Textiles, Industrial</td>
</tr>
<tr>
<td>Live Theatre (Technical)</td>
<td>• Film and Television Production</td>
<td>• Performing Arts – Dance, Drama</td>
</tr>
<tr>
<td>TV and Video Production</td>
<td>• Fine Arts</td>
<td>• Creative Arts (e.g. Painting and Photography)</td>
</tr>
<tr>
<td>TV and Video Operations</td>
<td>• Visual Arts</td>
<td>• Music Performance, Production and Management</td>
</tr>
<tr>
<td>Print Design</td>
<td>• Theatre Performance and Practice</td>
<td>• Multimedia</td>
</tr>
<tr>
<td>Music Business</td>
<td>• Design – Graphic, Jewellery, Interior, Product, Fashion, Furniture, Textiles</td>
<td>• Arts Administration</td>
</tr>
<tr>
<td>Jobs:</td>
<td>• Aboriginal Arts and Cultural Practices</td>
<td>• Visual Arts/Communication</td>
</tr>
<tr>
<td>Retail</td>
<td>• Make-up Artistry</td>
<td>• Museum Studies</td>
</tr>
<tr>
<td>Actor</td>
<td>• Theatre Costume Design</td>
<td>• Education</td>
</tr>
<tr>
<td>Musician</td>
<td>• Photography</td>
<td>• Sound Engineering</td>
</tr>
<tr>
<td>Dancer</td>
<td>• Ceramics</td>
<td>• Film/TV Production</td>
</tr>
<tr>
<td>Artist</td>
<td>• Visual Merchandising</td>
<td></td>
</tr>
<tr>
<td>Model</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Preliminary and HSC Program:

### Compulsory Subjects
- English Advanced or English Standard or English as a Second Language
- Visual Arts
- Textiles and Design
- Mathematics or General Mathematics
- Construction
- Information and Digital Technology
- Industrial Technology
- Photography, Video & Digital Imagery
- Entertainment Industry
- Music 1 or 2
- Engineering Studies
- Physics

### Suggested Subjects
- Hairdressing *
- Beauty Therapy *
- Computer (CAD) Skills *

**Other Subjects** may be chosen from any area of the curriculum to suit individual interests and abilities.

- ATAR Category B – only one Category B subject can be included in the ATAR calculation
- Not included in ATAR calculation
- VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

**Some Advice:**
- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- University study in some design areas, such as Architecture, usually assumes the HSC study of Mathematics (not General Mathematics). The study of Visual Arts, Design and Technology or Physics may be recommended.
- University study in design assumes good communication skills so the study of English is important.
- Additional selection criteria such as a portfolio or interview, may apply for admission to some design courses at university and TAFE.
- There are many areas of design and fine arts that can be studied at TAFE. Some HSC subjects that can be studied at school and TAFE will give direct credit into these courses.
- Increasingly, study in design assumes some skills using technology and graphics software.

### Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Apprenticeships</strong></td>
<td><strong>Advanced Diploma, Diploma and Certificates in:</strong></td>
<td><strong>Bachelor degrees in:</strong></td>
</tr>
<tr>
<td>Arts (Interactive Multimedia)</td>
<td>Graphic Design</td>
<td>Graphic Design</td>
</tr>
<tr>
<td>Television and Video Production</td>
<td>Interior Design/Decoration</td>
<td>Interior Design</td>
</tr>
<tr>
<td>Carpentry and Joinery</td>
<td>Jewellery and Object Design</td>
<td>Fashion and Textile Design</td>
</tr>
<tr>
<td>Graphic Pre-press</td>
<td>Product Design and Development</td>
<td>Creative Arts</td>
</tr>
<tr>
<td>Screen Printing Stencil Preparation</td>
<td>Fashion Design</td>
<td>Photography</td>
</tr>
<tr>
<td>Print Design</td>
<td>Printing and Graphic Arts</td>
<td>Visual Communication</td>
</tr>
<tr>
<td>Cabinetmaking</td>
<td>Design Fundamentals</td>
<td>Multimedia</td>
</tr>
<tr>
<td>Textile Clothing and Footwear</td>
<td>Theatre Costume Design</td>
<td>Architecture</td>
</tr>
<tr>
<td>Clothing Production</td>
<td>Interactive Multimedia</td>
<td>Creative Arts Teaching</td>
</tr>
<tr>
<td>Furniture Production</td>
<td>Architectural Technology, CAD, Drafting</td>
<td>Digital Media Design</td>
</tr>
<tr>
<td>Jewellery Manufacture and Repair</td>
<td>Aboriginal Arts and Cultural Practices</td>
<td>Industrial Design</td>
</tr>
<tr>
<td>Furnishing Industry</td>
<td>3D Animation, Digital Effects, Multimedia</td>
<td>Web Design</td>
</tr>
<tr>
<td>Furnishing (Soft)</td>
<td>Digital Arts and Photography</td>
<td></td>
</tr>
<tr>
<td>Sail Making</td>
<td>Event and Entertainment Design</td>
<td></td>
</tr>
<tr>
<td>Sign Writing</td>
<td>Web Design</td>
<td></td>
</tr>
<tr>
<td>Retail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Career Planning

### Education, Psychology, Social and Community Services

**Preliminary and HSC Program:**

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
<th>TAFE NSW Delivered</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ English Advanced or English Standard or English as a Second Language</td>
<td>▪ Mathematics or General Mathematics ▪ Biology ▪ Legal Studies ▪ Society and Culture ▪ Ancient and/or Modern History ▪ History Extension ▪ English Extensions 1 and 2 ▪ Languages ▪ Geography ▪ Community and Family Studies ▪ Music 1 or 2 ▪ Visual Arts ▪ PDHPE ▪ Exploring Early Childhood * ▪ Information and Digital Technology♣♣</td>
<td>▪ Health Services Assistant – Nursing (compulsory work placement) ▪ (VET and Work Placement Cat B)*♠♣ ♠ Not included in ATAR calculation ♦ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)</td>
</tr>
</tbody>
</table>

**Other Subjects** may be chosen from any area of the curriculum to suit individual interests and abilities.

* ATAR Category B – only one Category B subject can be included in the ATAR calculation
* * Not included in ATAR calculation
* ♦ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

**Some Advice:**

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- Careers in teaching require a university degree. The subjects recommended for HSC study are directly related to the area of specialisation chosen. Primary teachers employed in government schools must have studied any 2 units of English and any 2 units of Mathematics. Students coming straight from high school must score at least Band 5 results in three or more subjects (one of which must be English) as the minimum academic standard for entry into any teaching degree.
- Professional Psychology requires 6 years of study at university. No previous HSC study is assumed, but Mathematics is recommended. When Psychology is studied in a science degree, a science background is assumed. Psychology can be included as a major in a number of degrees.
- The university study of social work or social sciences assumes no particular HSC study. Subjects should be chosen to suit interests and abilities.
- A satisfactory level of achievement in English is required for entry to diploma level courses in Community Services (Children’s Services) at TAFE.
- Successful completion of TAFE delivered HSC subjects gives advanced standing in related TAFE certificates.

### Career Pathways:

#### Employment

**New Apprenticeships:**
- Community Services
- Youth Work
- Child Care

**Jobs:**
- Teachers’ Aide
- Enrolled Nurse
- Assistant in Nursing
- Nanny
- Childcare Assistant
- Clerical Assistant
- Dental Nurse
- Community Services (Aged Care, Disability)

**Advanced Diploma, Diploma, and Certificates in:**
- Enrolled Nursing
- Assistant in Nursing
- Community Services Alcohol and Drugs
- Community Services Children's Services
- Community Services Welfare
- Community Services Disability
- Community Services Youth Work
- Community Services Aged Care
- Library and Information Services
- Working with Families
- Sport and Recreation
- Community Management

#### TAFE NSW

#### University

**Bachelor degrees in:**
- Early Childhood Education
- Primary/Secondary Education
- Education – Special/ESL
- Nursing
- Justice Studies and Policing
- Social Work
- Psychology
- Sociology
- Welfare
- Aboriginal Studies
- Theology & Religious Studies
- Social Sciences
- Information Management
- Sport and Exercise Management
- Human Movement Studies

# Engineering

## Preliminary and HSC Program:

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
<th>TAFE Delivered</th>
</tr>
</thead>
<tbody>
<tr>
<td>◾ English Advanced or English Standard or English as a Second Language</td>
<td>◾ Mathematics or General Mathematics</td>
<td>◾ Automotive (VET + Work Placement – Cat B)+ ★★★</td>
</tr>
<tr>
<td></td>
<td>◾ Mathematics Extensions 1 and 2</td>
<td>◾ Aviation ★</td>
</tr>
<tr>
<td></td>
<td>◾ Physics</td>
<td>◾ Computer (CAD) Skills *</td>
</tr>
<tr>
<td></td>
<td>◾ Chemistry</td>
<td>◾ Plumbing *</td>
</tr>
<tr>
<td></td>
<td>◾ Information and Digital Technology</td>
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</tr>
<tr>
<td></td>
<td>◾ Software Design and Development</td>
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</tr>
<tr>
<td></td>
<td>◾ Biology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Engineering Studies</td>
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</tr>
<tr>
<td></td>
<td>◾ Metal and Engineering ★★</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Construction ★★</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Industrial Technology – Multimedia</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Advanced Diploma, Diploma and Certificates in:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Electrical Technology Engineering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Mechanical Technology/Engineering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Naval Architecture/Boat and Ship Building</td>
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</tr>
<tr>
<td></td>
<td>◾ Civil/Structural Engineering</td>
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<tr>
<td></td>
<td>◾ Marine Engineering</td>
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</tr>
<tr>
<td></td>
<td>◾ Geographic Information Systems</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Telecommunications Engineering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Surveying/ Land and Engineering Survey Drafting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Environmental Technology and Practice</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Laboratory Technology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Manufacturing Technology Systems</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Information Technology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Mechatronics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Fire Technology</td>
<td></td>
</tr>
</tbody>
</table>

### Other Subjects
- ◾ ATAR Category B – only one Category B subject can be included in the ATAR calculation
- ◾ Not included in ATAR calculation
- ◾ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

### Some Advice:
- ◾ Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- ◾ The study of engineering or a related course at university assumes HSC study of Mathematics (not General Mathematics) and at least Preliminary and HSC Mathematics Extension 1. The most useful HSC science subjects are Physics and Chemistry. Bridging courses and introductory subjects are sometimes available for students with insufficient background in Maths or Science.
- ◾ Careers in Engineering assume skills in the use of technology.
- ◾ Maximum credit into Engineering, Automotive and Electrical trades at TAFE would result from the study of the more practical VET courses that have a work place learning component, such as Metal & Engineering, or related TAFE delivered HSC subjects such as Computer (CAD) Skills.

### Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Apprenticeships</td>
<td>Advanced Diploma, Diploma and Certificates in:</td>
<td>Bachelor degrees in:</td>
</tr>
<tr>
<td>◾ Aircraft Maintenance</td>
<td>◾ Mechanical Technology/Engineering</td>
<td>◾ Applied Science (Physics, Chemistry, Biological Sciences)</td>
</tr>
<tr>
<td>◾ Drafting</td>
<td>◾ Naval Architecture/Boat and Ship Building</td>
<td>◾ Computer Science</td>
</tr>
<tr>
<td>◾ Manufacturing</td>
<td>◾ Civil/Structural Engineering</td>
<td>◾ Information Technology</td>
</tr>
<tr>
<td>◾ Plumbing</td>
<td>◾ Marine Engineering</td>
<td>◾ Environmental Science</td>
</tr>
<tr>
<td>◾ Laboratory Assistant</td>
<td>◾ Geographic Information Systems</td>
<td>◾ Engineering Innovation</td>
</tr>
<tr>
<td>◾ Electronic (Communications, Office Equipment)</td>
<td>◾ Telecommunications Engineering</td>
<td>◾ Surveying</td>
</tr>
<tr>
<td>◾ Electrical (Fitting, Instruments, Lif, Mechanic)</td>
<td>◾ Surveying/ Land and Engineering Survey Drafting</td>
<td></td>
</tr>
<tr>
<td>◾ Refrigeration Mechanic</td>
<td>◾ Environmental Technology and Practice</td>
<td></td>
</tr>
<tr>
<td>◾ Automotive Trades</td>
<td>◾ Laboratory Technology</td>
<td></td>
</tr>
<tr>
<td>◾ Boat Building</td>
<td>◾ Manufacturing Technology Systems</td>
<td></td>
</tr>
<tr>
<td>◾ Patternmaking/Moulding</td>
<td>◾ Information Technology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Mechatronics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◾ Fire Technology</td>
<td></td>
</tr>
</tbody>
</table>

Career Planning

Health Sciences, Sport and Recreation

Preliminary and HSC Program:

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>School Delivered</td>
</tr>
<tr>
<td>▪ English Advanced</td>
<td>▪ Mathematics or General Mathematics</td>
</tr>
<tr>
<td>or English Standard</td>
<td>▪ Chemistry</td>
</tr>
<tr>
<td>or English as a</td>
<td>▪ Biology</td>
</tr>
<tr>
<td>Second Language</td>
<td>▪ PDHPE</td>
</tr>
<tr>
<td></td>
<td>▪ Physics</td>
</tr>
<tr>
<td></td>
<td>▪ Senior Science</td>
</tr>
<tr>
<td></td>
<td>▪ Food Technology</td>
</tr>
<tr>
<td></td>
<td>▪ Community and Family Studies</td>
</tr>
<tr>
<td></td>
<td>▪ Business Services ♣♣</td>
</tr>
<tr>
<td></td>
<td>▪ Hospitality Operations ♣♣</td>
</tr>
<tr>
<td></td>
<td>▪ Information and Digital Technology ♣♣</td>
</tr>
</tbody>
</table>

Other Subjects may be chosen from any area of the curriculum to suit individual interests and abilities.

♣ ATAR Category B – only one Category B subject can be included in the ATAR calculation
* Not included in ATAR calculation
♣ ♣ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

Some Advice:

▪ Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
▪ A number of health-related courses at university are science based and assume or recommend HSC study of Mathematics (not General Mathematics). The most useful HSC science subject is Chemistry, but Biology, Physics and PDHPE will be useful.
▪ The study of nursing at university recommends a background in science (any of Chemistry, Biology or Physics), and any 2 units of Mathematics. PDHPE can be substituted for a science and provides a very good background for the study of Nursing.
▪ University study of Human Movement, Exercise and Sport Management assumes the HSC study of Mathematics (not General Mathematics) and recommends some background in science. University study assumes good communication skills, so the study of English is important.
▪ Science based careers usually assume skills in the use of technology.

Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Apprenticeships:</td>
<td>Advanced Diploma, Diploma and Certificates in:</td>
<td>Bachelor degrees in:</td>
</tr>
<tr>
<td>▪ Sporting Operations</td>
<td>▪ Enrolled Nursing/Assistant in Nursing</td>
<td>▪ Nursing and Midwifery</td>
</tr>
<tr>
<td>▪ Care Support Services</td>
<td>▪ Sport &amp; Recreation (Leadership, Administration, Coaching, Fitness, Recreation, Management)</td>
<td>▪ Human Movement Studies</td>
</tr>
<tr>
<td>▪ Nursing Assistant</td>
<td>▪ Applied Science (Medical, Pathology, Biology)</td>
<td>▪ Sport and Exercise Management</td>
</tr>
<tr>
<td>▪ Health Support Services</td>
<td>▪ Dental Assisting</td>
<td>▪ Sport Journalism/Psychology</td>
</tr>
<tr>
<td>▪ Aboriginal and TSI Health</td>
<td>▪ Food and Health Support Services</td>
<td>▪ Leisure Management/Tourism</td>
</tr>
<tr>
<td>▪ Health Support Services</td>
<td>▪ Health Office Procedures</td>
<td>▪ Nutrition &amp; Dietetics/Natural Therapies</td>
</tr>
<tr>
<td>▪ Sport and Recreation</td>
<td>▪ Nutrition and Dietary Practices</td>
<td>▪ Pre Hospital Care/Paramedic</td>
</tr>
<tr>
<td>Jobs:</td>
<td>▪ Sport (Massage Therapy)</td>
<td>▪ Medicine and Medical Science</td>
</tr>
<tr>
<td>▪ Assistant in Nursing</td>
<td>▪ Community Services (Alcohol and Drugs, Children’s Services, Welfare, Disabilities, Youth, Aged Care)</td>
<td>▪ Physiotherapy</td>
</tr>
<tr>
<td>▪ Community Services (Aged Care, Disabilities)</td>
<td>▪ Sport (Coach, Develop, Officiate)</td>
<td>▪ Occupational and Diversional Therapy</td>
</tr>
<tr>
<td>▪ Dental Assistant</td>
<td>▪ Fitness Instructing</td>
<td>▪ Optometry/Orthoptics</td>
</tr>
<tr>
<td>▪ Food Preparation/Kitchen Assistant</td>
<td>▪ Tourism (Meetings and Events)</td>
<td>▪ Speech Pathology/Hearing and Speech</td>
</tr>
<tr>
<td>▪ Sports Official (Referee, Coach)</td>
<td>▪ Tourism and Hospitality</td>
<td>▪ Rehabilitation Counselling</td>
</tr>
<tr>
<td>▪ Dietary Aide</td>
<td></td>
<td>▪ Health Administration</td>
</tr>
<tr>
<td>▪ Clinical Coder</td>
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<td>▪ Pharmacy</td>
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<td></td>
<td></td>
<td>▪ Education</td>
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<tr>
<td></td>
<td></td>
<td>▪ Medical Radiation Science</td>
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<tr>
<td></td>
<td></td>
<td>▪ Traditional Chinese Medicine</td>
</tr>
</tbody>
</table>

### Senior Studies Guide

## Information Technology

### Preliminary and HSC Program:

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
<th>School Delivered</th>
<th>TAFE NSW Delivered</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ English Advanced or English Standard or English as a Second Language</td>
<td>▪ Software Design and Development ▪ Information and Digital Technology ▪ Mathematics or General Mathematics ▪ Mathematics Preliminary Extension 1 ▪ Mathematics HSC Extension 1 and 2 ▪ Physics ▪ English Preliminary Extension 1 ▪ English HSC Extension 1 and 2 ▪ Industrial Technology – Multimedia/ Graphics</td>
<td></td>
<td>▪ Screen *</td>
</tr>
</tbody>
</table>

**Other Subjects** may be chosen from any area of the curriculum to suit individual interests and abilities.

- ATAR Category B – only one Category B subject can be included in the ATAR calculation
- Not included in ATAR calculation
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### Some Advice:

- Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
- There is no limit to the number of Information Technology/Computing subjects that you can undertake in your HSC.
- University study of Information Technology or Computing assumes the study of at least HSC Mathematics (not General Mathematics) and while study of HSC computer subjects is not assumed, it is obviously an advantage for students to have as much experience with computers as possible.
- Maximum credit transfer into a TAFE diploma level course in IT can be gained by undertaking the Information Technology 240 hour course at school and supplementing it with the Information Technology Specialisation and other TAFE delivered courses such as Web Design and IT Specialisation (CISCO).
- Successful completion of a TAFE Diploma may provide significant credit transfer to related university degrees.

### Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Jobs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Computer Operator</td>
<td></td>
</tr>
<tr>
<td>▪ Word Processor</td>
<td></td>
</tr>
<tr>
<td>▪ Clerical Assistant</td>
<td></td>
</tr>
<tr>
<td>▪ Computer Technician</td>
<td></td>
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<tr>
<td>▪ Parts Assembly</td>
<td></td>
</tr>
<tr>
<td>▪ Retail</td>
<td></td>
</tr>
<tr>
<td>▪ Data Entry Operator</td>
<td></td>
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</tbody>
</table>

Career Planning

Tourism and Hospitality

Preliminary and HSC Program:

<table>
<thead>
<tr>
<th>Compulsory Subjects</th>
<th>Suggested Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>School Delivered</td>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>• English Advanced</td>
<td>• Mathematics or General Mathematics</td>
</tr>
<tr>
<td>or English Standard</td>
<td>or Hospitality Operations ♦♦</td>
</tr>
<tr>
<td>or English as a Second Language</td>
<td>or Business Studies</td>
</tr>
<tr>
<td></td>
<td>• Food Technology</td>
</tr>
<tr>
<td></td>
<td>• Business Services ♦♦</td>
</tr>
<tr>
<td></td>
<td>• Languages</td>
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<tr>
<td></td>
<td>• Retail Services ♦♦</td>
</tr>
<tr>
<td></td>
<td>• Geography</td>
</tr>
<tr>
<td></td>
<td>• Society and Culture</td>
</tr>
<tr>
<td></td>
<td>• Community and Family Studies</td>
</tr>
<tr>
<td></td>
<td>• Information and Digital Technology ♦♦</td>
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* Not included in ATAR calculation
♦ VET course with compulsory work placement and optional HSC examination (Work placement is also compulsory in VET Specialisations delivered by TAFE)

Some Advice:

• Selection for university study requires an ATAR that is calculated from 10 units of eligible subjects.
• The most common means of entry to the tourism and hospitality industry is through diploma or certificate level training delivered by TAFE or other provider. Maximum credit transfer can be gained by completing the 240 hour courses in Tourism and/or Hospitality for the HSC. Some core modules are common to both Tourism and Hospitality. If both Tourism and Hospitality are studied for the HSC additional modules must be included in Year 12 to overcome this exclusion. The study of the Hospitality Extension course, delivered by TAFE, provides additional credit.
• Subjects related to business, such as Business Studies, and Business Services are useful for careers in Tourism and Hospitality Management, while food and design related subjects, such as Food Technology, might be more useful for careers in commercial cookery and catering.
• Successful completion of a Diploma in Tourism or Hospitality at TAFE provides significant credit transfer into related university degrees.
• University degrees in Tourism and Hospitality are management based and usually assume the study of HSC Mathematics (not General Mathematics).

Career Pathways:

<table>
<thead>
<tr>
<th>Employment</th>
<th>TAFE NSW</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>• New Apprenticeships</td>
<td>• Advanced Diploma, Diploma and Certificates in:</td>
<td></td>
</tr>
<tr>
<td>• Hospitality Operations</td>
<td>• Hospitality Management</td>
<td>• Bachelor degrees in:</td>
</tr>
<tr>
<td>• Tourism Operations</td>
<td>• Catering Operations</td>
<td>• Hospitality Management</td>
</tr>
<tr>
<td>• Commercial Cookery</td>
<td>• Food and Beverage</td>
<td>• Hotel and Catering Management</td>
</tr>
<tr>
<td>• Baking</td>
<td>• Kitchen Operations</td>
<td>• Tourism Management</td>
</tr>
<tr>
<td>• Meat Processing</td>
<td>• Commercial Cookery</td>
<td>• Food Science</td>
</tr>
<tr>
<td>• Wine Operations</td>
<td>• Accommodation Services</td>
<td>• Business Administration</td>
</tr>
<tr>
<td>• Jobs</td>
<td>• Attractions and Theme Parks</td>
<td>• Marketing</td>
</tr>
<tr>
<td>• Travel Agency (Retail and Wholesale)</td>
<td>• Tourism Management</td>
<td>• Leisure Studies</td>
</tr>
<tr>
<td>• Housekeeping</td>
<td>• Tourism Retail Travel Sales</td>
<td>• Eco Tourism</td>
</tr>
<tr>
<td>• Hotel Reception</td>
<td>• Tourism Tour Operations/Wholesaling</td>
<td>• Coastal Resource Management</td>
</tr>
<tr>
<td>• Waiting and Bar Service</td>
<td>• International Retail Sales</td>
<td>• Tourism Planning and the Environment</td>
</tr>
<tr>
<td>• Catering</td>
<td>• Tourism Meetings and Events</td>
<td>• Indigenous Tourism Management</td>
</tr>
<tr>
<td>• Food Preparation/Kitchen Assistant</td>
<td>• Tourism Visitor Information Services</td>
<td>• Languages/International Studies</td>
</tr>
<tr>
<td>• Retail</td>
<td>• Food Technology</td>
<td>• Nutrition and Dietary Practices</td>
</tr>
<tr>
<td>• Clerical Assistant</td>
<td>• Food Studies (Supervision and Promotion)</td>
<td></td>
</tr>
<tr>
<td>• Events Coordinator/Manager</td>
<td>• Food Technology</td>
<td></td>
</tr>
</tbody>
</table>

CONTACT DETAILS:

Bathurst High Campus
Hope St, Bathurst, NSW, 2795
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Web: www.bathurst-h.schools.nsw.edu.au

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Web: www.tafensw.edu.au