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Foreword
By Mrs Patricia Hales, Assistant Principal – Dean of Studies

On behalf of the College I would like to extend a warm welcome to you as you commence your transition to the next phase of your learning.

This is an exciting time for you and one which we hope will contribute to setting you on a positive course, not only for the next couple of years, but also in your life beyond your secondary schooling. As a senior student, you will need to assess your strengths and talents, develop areas for improvement and respect and value all members of the St Francis Xavier's College community.

We have high expectations of our students and we look forward to working with you in an adult learning environment. As St Francis Xavier's is the largest HSC cohort in NSW, you have a broad range of subjects to choose from, however, you need to understand that your choices will ultimately determine the timetable and therefore you need to choose wisely. We understand that you cannot always know what you will enjoy and be motivated by, and therefore encourage you to carefully read this handbook and seek the advice of your teachers as well as outside agencies before finalising your subject selections.

There are NSW Board of Studies Teaching and Educational Standards (BOSTES) requirements for eligibility in regard to the HSC and these are outlined in this book, however, selecting a program of study should enable you to respond to your own learning needs and circumstances. Remember that your abilities and interests are an effective guide in selecting courses, and also that you are the one who needs to make the final decision.

This handbook contains information which we feel will help you in the decision-making process. This is but one of a number of useful resources available to you. As well as referring to this Handbook, students and their parents are encouraged to follow these steps:

1. Attend the subject information evenings conducted at St Francis Xavier's College.
2. Speak with your School Career’s Advisor.
3. Attend Open Days at the various Universities, TAFE and other tertiary educational institutions to become aware of the vast array of study courses available.
4. Refer to the:
   - and any other materials available on line from the institutions.

continued next page…
It is important to refer particularly to the UAC Guide to determine if there are any prerequisites for university courses that need to be addressed in your HSC program of study.

Remember that ultimately it is important to engage in a wide range of learning opportunities to keep options open and to avoid confining yourself to too narrow a focus, too early.

You are asked to make a choice of 12 Units or 13 if including an Extension Course.

There are a variety of options:

- students who wish to be eligible for tertiary entrance (ATAR) - 12 Units including English and a Religion Course
- students who wish to be eligible for tertiary entrance (ATAR) - 13 Units including a Religion and English Course and additional English Extension or Mathematics Extension Course
- students who do not require tertiary entrance (ATAR) and who wish to study a HSC program, may include a combination of Board of Studies approved and endorsed courses including Religion & English

Students may also include a TAFE subject and may remain eligible to receive an ATAR and will be eligible for an HSC.

All three options offer a curriculum that is challenging and diverse and provides students with flexibility:
- to pursue a variety of learning opportunities both within and outside of the College
- to develop knowledge and skills relative to their future career goals and aspirations

These will be further refined as you move through the senior years of schooling.

We look forward to working in partnership with you and wish you well in making considered and informed decisions based on thorough research. We encourage you to take full advantage of the support available.
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Board Developed Courses

Syllabuses for these are written by the Board of Studies Teaching & Educational Standards. As well as a School Assessment there is the external Higher School Certificate (HSC) exam at the end of Year 12. These subjects count in the calculation of the Australian Tertiary Admission Rank (ATAR). Courses are of 2 Unit value unless stated otherwise.

Aboriginal Studies

1

Business Studies

2

Community & Family Studies

3

Drama

4

Economics

5

Engineering Studies

6

English Standard

7

English Advanced

8

English Extension

9

Food Technology

10

Geography

11

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12

Modern History

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NOTES
# Course Outlines

## Board Developed Courses

### Vocational Education & Training (VET) Courses

These Courses comply with Industry Frameworks and as well as contributing to the HSC, students will receive a Level 1 or Level 2 Australian Qualifications Training Framework Certificate. This is a nationally recognised qualification and the same as qualifications currently received through TAFE Courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>VET Board Developed Contents Page</td>
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<td>VET Courses Overview at SFX</td>
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<td>Construction</td>
<td>44</td>
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<tr>
<td>Certificate II in Construction Pathways</td>
<td></td>
</tr>
<tr>
<td>Entertainment</td>
<td>45</td>
</tr>
<tr>
<td>A Statement of Attainment towards a</td>
<td></td>
</tr>
<tr>
<td>Certificate III in Live Production and Services</td>
<td></td>
</tr>
<tr>
<td>Hospitality</td>
<td>46</td>
</tr>
<tr>
<td>Certificate II in Kitchen Operations</td>
<td></td>
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<tr>
<td>Information &amp; Digital Technology</td>
<td>47</td>
</tr>
<tr>
<td>A Statement of Attainment towards a</td>
<td></td>
</tr>
<tr>
<td>Certificate III in Information, Digital Media</td>
<td></td>
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<tr>
<td>&amp; Technology</td>
<td></td>
</tr>
<tr>
<td>Metal &amp; Engineering</td>
<td>48</td>
</tr>
<tr>
<td>Certificate I in Engineering</td>
<td></td>
</tr>
<tr>
<td>Retail Services</td>
<td>49</td>
</tr>
<tr>
<td>Certificate II in Retail Services</td>
<td></td>
</tr>
</tbody>
</table>

## Board Endorsed Courses

These are not externally examined, but they each have the school assessment mark recorded on the Record of Achievement and the Higher School Certificate. For BEC VET courses students receive a Statement of Attainment.

### Vocational Education & Training (VET) Courses – HSC only (do not contribute to an ATAR)

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Endorsed Courses Contents</td>
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<td>Computing Applications 1 Unit</td>
<td>52</td>
</tr>
<tr>
<td>English Studies 2 Unit</td>
<td>53</td>
</tr>
<tr>
<td>Exploring Early Childhood 1 Unit</td>
<td>54</td>
</tr>
<tr>
<td>Marine Studies 1 Unit</td>
<td>55</td>
</tr>
<tr>
<td>Photography 1 Unit</td>
<td>56</td>
</tr>
<tr>
<td>Sport Lifestyle &amp; Recreation 1 Unit</td>
<td>57</td>
</tr>
</tbody>
</table>

### English Fundamentals 1 Unit

The following course is only available in the Preliminary Year and DOES NOT contribute to a ATAR.

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>VET Board Endorsed Contents Page</td>
<td>58</td>
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</tbody>
</table>

## Course Outlines

### Stage 6 Life Skills

These are courses of study for students with a disability or diagnosed special learning needs. Applicants for this program are required to have their learning needs assessed.

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>Stage 6 Life Skills Introduction</td>
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<td>Stage 6 Life Skills Syllabus</td>
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<tr>
<td>Creative Arts Life Skills</td>
<td></td>
</tr>
<tr>
<td>English Life Skills</td>
<td></td>
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<tr>
<td>HSIE Life Skills</td>
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<tr>
<td>Mathematics Life Skills</td>
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<tr>
<td>Technology Life Skills</td>
<td></td>
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<tr>
<td>Work and the Community Life Skills</td>
<td></td>
</tr>
</tbody>
</table>

### Notes

#### 2017 Dates to Remember

Information shown on page 65
Requirements for the Award of the HSC

There are three points about the structure of the Higher School Certificate (HSC) that students need to bear in mind.

1. The Board of Studies (BOSTES) divides the two years of Senior Schooling into PRELIMINARY (meaning Year 11) and HSC (meaning Year 12). Students must have satisfactorily completed the Preliminary course in a subject before they can attempt the HSC component of a course. HSC courses commence in Term 4 of Year 11.

2. All courses offered for the Higher School Certificate have a unit value of either 1 or 2 units. Each Unit involves class time of about 120 hours and has a value of 50 marks in the HSC. Since most courses are 2 units it means that these will take 240 hours (four periods per week) and be marked out of 100.

3. Extension study is available in a number of subjects and they build upon the content of the 2 unit course. These extension courses are each of 1 Unit value. In the Preliminary Year (Year 11) extension courses are only available in English and Mathematics. Continuing and additional extension courses are available in these subjects in the HSC year. Extension courses may also be available in the HSC year in History, Music, Languages and perhaps some of the VET courses. Students need to be high achievers in these subject areas if they are hope to attempt the extension courses.

In order to be awarded the HSC a student must

- have achieved some or all of the course outcomes.
- sit for and make a serious attempt at all internal assessments and the Higher School Certificate examinations.
- demonstrate a sustained and diligent effort to the set tasks and experiences provided in the course by the school.
- study at least 12 units in the Preliminary course and at least 10 units in the HSC course. Both the Preliminary course and the HSC course must include the following:
  - at least 6 units from Board Developed Courses including at least 2 units of a Board Developed Course in English.
  - at least three courses of 2 units value or greater.
  - at least four subjects, including English.
- only include a maximum of 6 units of courses in Science to be eligible for the HSC.
- if studying a VET course, complete 70 hours of Work Placement over two years.

If a student wishes to receive an ATAR (Australian Tertiary Admission Rank)

- he/she must study a minimum of 10 Board Developed units in the HSC course and count no more than 2 units of Category B courses in their best 10 units.

At St Francis Xavier’s College every student must include at least 1 unit of Religion in their program.
If you wish to use your HSC to gain admission to a university directly from school you need to satisfy the requirements for an ATAR

The ATAR provides a measure of a student’s overall academic achievements in relation to that of other students and helps universities to rank applicants into their courses.

**Rule 1 – Eligibility for an ATAR**

To be eligible for an ATAR a student must complete at least ten units of Board Developed courses including at least two units of English (*excluding English Studies*). The Board Developed courses must include at least three courses of two units or greater, and at least four subjects.

**Rule 2 – Categorisation of Subjects**

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

Only the best TWO units from Category B courses are available for inclusion in the calculation of the ATAR. All of the VET courses eligible for an ATAR are Category B.

**Rule 3 – Calculation of the ATAR**

The ATAR will be based on an aggregate of the scaled marks in the best ten (10) units of Board Developed courses comprising:

- the best two units of English;
- the best eight units from the remaining units, subject to the provision that no more than two units of Category B courses be included.
- the scaled results are added together to give a score out of 500 which is then ranked between 0.00 and 99.95.

UAC WEBSITE: [www.uac.edu.au](http://www.uac.edu.au)
Transition Information

Choosing subjects can be daunting enough without choosing career pathways. It is important however, that students recognise the importance of course selection in helping to determine possible outcomes.

Statistically, around half the Colleges’ students receive an offer from University. The remainder undertake apprenticeships, traineeships, attend TAFE or take up employment.

Apprenticeships are increasing in numbers and significant funding is being made available in skills shortage areas. While often employers prefer students with a HSC, work experience and a licence usually do not require the HSC. Students who are intending on gaining an apprenticeship should consider VET subjects as part of their program.

Employment

Most students who engage in employment immediately after school typically enter positions that require little skill or no formal training. Some form of VET course would assist.

TAFE entry varies depending on the course. Students who complete their HSC can generally enter at a Certificate III or IV. Students who are considering a TAFE level qualification should consider a VET course in their intended area of study as it will provide credit towards their study.

Students who intend to undertake an apprenticeship or traineeship who do not complete some form of Vocational Education and Training relevant to their career pathways may find themselves disadvantaged.

University Entry

There are several ways to gain access to university, but for many school leavers the ATAR remains the key entry method. The Australia Tertiary Admission Rank can be used for access to most higher education institutions in the country. Students who are considering a University pathway could consider one VET Course as part of their ATAR. Students should only consider an ATAR pathway where the intended outcome is University Entry.

Work Experience

Work experience is offered in a limited form at the College. Other than organised work experience programs offered by large industry and government sectors (eg. John Hunter Hospital), the organisation of work experience is the responsibility of the student. Work experience does not occur at a fixed time.

All students undertaking work experience must first complete a Work Readiness Program followed by the completion of the necessary insurance forms and other documentation, all available from the Careers Advisor.

The insurance has several limitations on liability, so please ensure you speak to the Careers Advisor, prior to seeking work experience.

School Based Trainees and Apprentices

School Based Apprenticeships
School-Based apprenticeships allow students to commence an apprenticeship while at school. While studying for their HSC, school based apprentices work part time and undertake the first stage of their formal or off-the-job training. A school based apprentice is required to undertake 100 hours up to a maximum of 180 hours depending on the industry. Students will also receive a full Certificate III in their industry relevant qualifications. For most apprenticeship students this would mean 2 full days absent from school.

School Based Traineeships
School-Based traineeships (SBAT) allow students to commence a traineeship while at school. While studying for the HSC, school based trainees work part time and undertake industry relevant VET studies either at the College, through TAFE or through another RTO.

A school based trainee is required to undertake 100 hours of work placement as well as a Certificate II in their relevant industry area. For most SBAT students this would mean one day at work per week.

There are costs associated with a SBAT that need to be paid by the parent.

If students from associated schools are interested in a SBAT contact their Career Advisor as early as possible. Most SBATs require students to be enrolled prior to the commencement of Year 11. Non associated school students have to wait until they are accepted at St Francis Xavier’s College before they can apply.

For more information, please contact
Mrs Julie McLoughlin
Careers Advisor
julie.mcloughlin@mn.catholic.edu.au
Subject Selection
By Industry

### Elective Pool – Industry Specific

<table>
<thead>
<tr>
<th>Industry (and example occupation)</th>
<th>Elective Pool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive (eg, Automotive Mechanic)</td>
<td>EVET (known as TVET: TAFE VET) Automotive VET: Metal &amp; Engineering</td>
</tr>
<tr>
<td>Beauty (eg Hairdresser)</td>
<td>EVET (known as TVET: TAFE VET): Beauty VET: Business Services</td>
</tr>
<tr>
<td>Business Services (eg Office Administrator)</td>
<td>VET: Business Services</td>
</tr>
<tr>
<td>Children’s Services (Child Care Worker)</td>
<td>EVET (known as TVET: TAFE VET): Aged Care Work and Children’s Services Electives: * Community &amp; Family Studies * Exploring Early Childhood is recommended as the 1 Unit elective course</td>
</tr>
<tr>
<td>Community Service (eg Aged Care)</td>
<td>VET: Community Services VET: Business Services * Community &amp; Family Studies</td>
</tr>
<tr>
<td>Electrical (eg Electrician)</td>
<td>EVET (known as TVET: TAFE VET): Electrotechnology VET: Metal &amp; Engineering VET: Construction &amp; Maths</td>
</tr>
<tr>
<td>Engineering – trade (eg, Electrical Fitter)</td>
<td>EVET (known as TVET: TAFE VET): Electrotechnology VET: Metal &amp; Engineering VET: Construction</td>
</tr>
<tr>
<td>Engineering – paraprofessional (eg, Aviation Technician)</td>
<td>Design &amp; Technology or Industrial Technology + Maths Engineering Studies: 2 unit Mathematics recommended</td>
</tr>
<tr>
<td>Health Services (eg Registered Nurse)</td>
<td>EVET (known as TVET: TAFE VET): Community Services VET: Business Services Community &amp; Family Studies &amp; Biology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry (and example occupation)</th>
<th>Elective Pool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospitality Industry – Chef/Cook</td>
<td>VET: Hospitality VET: Business Services OR VET: Retail</td>
</tr>
<tr>
<td>Information Technology (eg Network Administrator)</td>
<td>VET: Information Technology EVET (known as TVET: TAFE VET): Electrotechnology Any of Industrial Technology: Multimedia, Information Processes &amp; Technology or Software Design &amp; Development</td>
</tr>
<tr>
<td>Mining and Minerals</td>
<td>VET: Construction VET: Metal &amp; Engineering EVET (known as TVET: TAFE VET): Electrotechnology</td>
</tr>
<tr>
<td>Manufacturing – Metals</td>
<td>VET: Construction VET: Metal &amp; Engineering EVET (known as TVET: TAFE VET): Electrotechnology VET: Furnishings VET: Construction</td>
</tr>
<tr>
<td>Manufacturing – Wood</td>
<td>VET: Construction</td>
</tr>
<tr>
<td>Primary Industry (eg Veterinary Nurse)</td>
<td>VET: Business Services EVET (known as TVET: TAFE VET) in Animal Care</td>
</tr>
<tr>
<td>Property Services (eg Real Estate Agent)</td>
<td>VET: Business Services EVET (known as TVET: TAFE VET): Property Services VET: Retail Operations</td>
</tr>
<tr>
<td>Sport and Recreation (eg Personal trainer)</td>
<td>VET: Sports (Coaching) VET: Business Services OR VET: Retail Services</td>
</tr>
<tr>
<td>Retail and Tourism (eg Travel Agent)</td>
<td>VET: Retail Services VET: Business Services</td>
</tr>
</tbody>
</table>

Please note that this is a guide only. Consult Mrs Julie McLoughlin, Career’s Advisor, at the College for more information.
Subject Selection for University Entry

The information provided in this book, forms the basis of a recommendation only.

All students intending to enrol in University should be on an ATAR pathway. These students must enrol in either 1 Unit or 2 Unit Studies of Religion.

Students attending university should seriously consider their course choices, especially with regard to the following:

- Some universities assume that students have undertaken study at a level. For example Engineering -> Mathematics (Band 5 or above).
- Some courses have recommended studies – that is, where a university has demonstrated that study in this area has assisted students in university level. For example Engineering -> Mathematics Extension 1.
- Some universities and courses offer ATAR reductions for particular choices. For example, University of Newcastle offers bonus points in Science and Engineering for high level Maths – with Bands 5 or 6.
- Some universities and courses offer ATAR ‘bonus points’ for students. For example -> University of Newcastle offers a bonus four ATAR points for Newcastle students – NOT Medicine.
- Some courses are difficult without prior knowledge. For example, Psychology -> some Mathematics.
- Some courses have post-graduate entry – that is students are expected to complete a degree prior to entry. For example, Dentistry at Sydney University.

Subject recommendations are mostly common sense, such as:

- Art, Communication etc – Advanced English
- Biomedicine and Medical Radiation Science – Mathematics, Physics and Chemistry
- Business, Commerce, Economics – Mathematics, Business Studies, Economics
- Education - minimum Band 5 in any 2 Units of English (Secondary and Primary) and Band 5 in two other subjects
- Engineering, Surveying – Extension Mathematics, Engineering Studies (either of Biology, Chemistry, Physics, Earth & Environmental Science
- Information Technology – Mathematics
- Software Design & Development – Extension Mathematics
- Law – English Advanced
- Medicine, Vet Science & Pharmacy – Advanced English, Mathematics, Chemistry and/or Biology
- Nursing – Chemistry and/or Biology
- Nutrition & Dietetics, Occupational Therapy – Mathematics, Chemistry and Biology and/or PDHPE
- Psychology, Social Work – Mathematics
- Speech Pathology, Podiatry, Physiotherapy – Biology, Chemistry, Mathematics and Advanced English
- Science – Mathematics

Note: The information provided here is only a guide to subject selection. The College makes every effort to ensure the information is correct at the time of publication.

If you require more information on a possible program please contact me directly:
Mrs Julie McLoughlin
Careers Advisor
julie.mcloughlin@mn.catholic.edu.au
## HSC Board Developed Courses

See course notes following this table for additional explanations

<table>
<thead>
<tr>
<th>Subject</th>
<th>Preliminary &amp; HSC Courses (2 Unit)</th>
<th>Preliminary Extension Courses (1 Unit)</th>
<th>HSC Extension Courses (1 Unit)</th>
<th>Preliminary &amp; HSC Courses Category B</th>
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</thead>
<tbody>
<tr>
<td>Aboriginal Studies</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Business Services</td>
<td></td>
<td></td>
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<tr>
<td>Business Studies</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Community &amp; Family Studies</td>
<td>✓</td>
<td></td>
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<tr>
<td>Construction</td>
<td></td>
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<td></td>
<td>✓</td>
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<tr>
<td>Drama</td>
<td>✓</td>
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<tr>
<td>Economics</td>
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<td>✓</td>
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<tr>
<td>Electrotechnology (TAFE)</td>
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<tr>
<td>Engineering Studies</td>
<td>✓</td>
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<tr>
<td>English Studies (Non ATAR)</td>
<td>✓</td>
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<tr>
<td>English Standard</td>
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<tr>
<td>English Extension</td>
<td></td>
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<tr>
<td>English Fundamentals (Non ATAR)</td>
<td>1 Unit in Preliminary Only</td>
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<tr>
<td>Entertainment Industry</td>
<td></td>
<td></td>
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<tr>
<td>Food Technology</td>
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<tr>
<td>Geography</td>
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<td>Hospitality</td>
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<td>Industrial Technology</td>
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<tr>
<td>Information Processes &amp; Technology</td>
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<tr>
<td>Information &amp; Digital Technology</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Languages</td>
<td>Please see next page</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Legal Studies</td>
<td>✓</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Life Skills</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics General</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics 2 Unit</td>
<td>✓</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Mathematics Extension</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metal &amp; Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music 1 and 2</td>
<td>✓</td>
<td></td>
<td></td>
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<tr>
<td>Music HSC Extension</td>
<td></td>
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</tr>
<tr>
<td>PDHPE</td>
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</tr>
<tr>
<td>Retail Services</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>
### Subject

<table>
<thead>
<tr>
<th>Subject</th>
<th>Preliminary &amp; HSC Courses (2 Unit)</th>
<th>Preliminary Extension Courses (1 Unit)</th>
<th>HSC Extension Courses (1 Unit)</th>
<th>Preliminary &amp; HSC Courses Category B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science: Biology</td>
<td>✓</td>
<td></td>
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<tr>
<td>Science: Chemistry</td>
<td>✓</td>
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</tr>
<tr>
<td>Science: Earth &amp; Environmental Science</td>
<td>✓</td>
<td></td>
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</tr>
<tr>
<td>Science: Physics</td>
<td>✓</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Science: Senior Science</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Society &amp; Culture</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Software Design &amp; Development</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studies of Religion</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Textiles &amp; Design</td>
<td>✓</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Visual Arts</td>
<td>✓</td>
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</tbody>
</table>

### Languages

<table>
<thead>
<tr>
<th>Languages</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>French Beginners</td>
<td>✓</td>
</tr>
<tr>
<td>French Continuers Distance Education</td>
<td>✓</td>
</tr>
<tr>
<td>German Beginners Distance Education</td>
<td>✓</td>
</tr>
<tr>
<td>Japanese Beginners Distance Education</td>
<td>✓</td>
</tr>
<tr>
<td>Japanese Continuers Distance Education</td>
<td>✓</td>
</tr>
</tbody>
</table>

*Other languages are also available through external agencies. Please discuss further at interview.*

*NOTE* the selected course fee/s for Distance Education range from $800 per year (*based on 2016 fees*) and this amount will be required to be paid with the lodgement of the Course Application Form/s.
Board Endorsed Courses

These subjects DO NOT count towards an ATAR but DO contribute to the HSC

These courses are not externally examined but they have the school assessment mark recorded on the HSC Record of Achievement.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Preliminary &amp; HSC Course 1 Unit</th>
<th>Preliminary &amp; HSC Course 2 Units</th>
<th>Preliminary Course Only</th>
<th>HSC Course ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catholic Studies</td>
<td>✅</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computing Applications</td>
<td></td>
<td>✅</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Studies</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Exploring Early Childhood</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Marine Studies</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Photography</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Sport, Lifestyle &amp; Recreation</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

Students can only select a maximum of two 1 Unit Courses including Catholic Studies or 1 Unit Studies of Religion

Vocational Education & Training (VET Courses)

<table>
<thead>
<tr>
<th>Subject</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishing</td>
<td>✅</td>
</tr>
<tr>
<td>Sport Coaching</td>
<td>✅</td>
</tr>
</tbody>
</table>

Subject availability will be based on expressions of interest, numbers for the class and availability of teaching staff.
VET
Board Developed Courses
Vocational Education & Training (VET)

All VET courses at St Francis Xavier’s College, are recognised under the Australian Qualifications Framework (AQF). The AQF is a national system endorsed by the Australian Government and therefore an AQF qualification is recognised all around Australia and by other countries. AQF qualifications link with each other, creating learning pathways between school, vocational education and training and university as your education and career ambitions change or develop.

VET courses allow you to combine general and vocational studies and to gain practical business and industry experience which may help you to get a job.

**Undertaking VET courses while at school provides a dual qualification, ie Higher School Certificate and Vocational Certificate/Statement of Attainment.**

Please note
The above is a guide only and not all courses are offered at a Certificate II level. The above diagram is for illustration purposes only and parents and students should refer to the individual subject page, the Board of Studies (BOSTES) Syllabus document or the VET Coordinator for more information regarding articulation in VET subject areas.

English Fundamentals is a Preliminary course and must be studied in conjunction with English Standard only. At St Francis Xavier’s College it is 1 Unit in Year 11.

It counts towards the Preliminary Year not the HSC Year.

A number of subjects include a requirement for the development of project work, performances or orals for either internal or external assessment. This applies to:
- Aboriginal Studies
- Community & Family Studies
- Drama
- Industrial Technology
- Languages
- Music 1 or Music 2
- Society & Culture.
- Software Design Development
- Textiles & Design
- Visual Arts

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

These projects/performances take a lot of time, so be careful of your combinations.

There is only one History Extension course and it is available ONLY in the HSC year. It can be studied with the Ancient History course and/or the Modern History course.

A student may not include more than 6 units of the following Science courses:
- Biology
- Chemistry
- Earth & Environmental Science
- Physics
- Senior Science

in meeting the 12 Preliminary or 10 HSC units.

The Senior Science course may not be taken in conjunction in the Preliminary Year with any other Science course.

Mathematics General 1 (HSC Year Only) is a BEC (Non ATAR) course so students intending to study this subject need to ensure that they have at least 6 Board Developed Course units as part of their program in their HSC year in order to qualify for a HSC.

A student must study the Music Course 2 if they wish to study HSC Extension Music.

A student must study the Continuers course of a language if they wish to study the Extension course.

A student may not study both the Studies of Religion 2 course and the Studies of Religion 1 course. While changes from 2 Unit to 1 Unit are permissible the reverse does not apply.

Software Design & Development cannot be taken in association with Computing Applications.

Additional information about courses and the HSC is available on the Board of Studies Website:
http://www.boardofstudies.nsw.edu.au

Witnessing Excellence, Generosity and Compassion shaped by the Catholic Tradition
While the current two year pattern of study is likely to be the way the majority of students attempt the HSC, provision has been made by the Board of Studies Teaching & Educational Standards for students to adopt a more flexible approach.

Some students may wish to combine part time school and part time work and/or study at an Institute of Technology (TAFE).

Some students who would find a "full load" of subjects too much, or who feel that they would like to concentrate their energies on a reduced study load, or who may have a heavy sport commitment may also like to think of accumulating the Higher School Certificate over a number of years. Students who wish to accumulate the HSC should be aware of a number of requirements:

- Accumulation of the HSC cannot extend over more than a five year period from the time the first subject is presented at an HSC examination.

- Result Notices will be issued by the Board of Studies (BOSTES) each year for each student who attempts a Preliminary or HSC course.

- The total number of Preliminary units studied must be at least 12.

- The total number of HSC units must be at least 10.

Generally students will present a Preliminary study of a subject in one year and then follow it the next year by the HSC course in that subject. At any time students may be studying some HSC courses and some Preliminary courses, or they may be repeating a HSC course.
# BOARD DEVELOPED COURSES

## Category A

These contribute towards an ATAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aboriginal Studies</td>
<td>1</td>
</tr>
<tr>
<td>Business Studies</td>
<td>2</td>
</tr>
<tr>
<td>Community &amp; Family Studies</td>
<td>3</td>
</tr>
<tr>
<td>Drama</td>
<td>4</td>
</tr>
<tr>
<td>Economics</td>
<td>5</td>
</tr>
<tr>
<td>Engineering Studies</td>
<td>6</td>
</tr>
<tr>
<td>English Standard</td>
<td>7</td>
</tr>
<tr>
<td>English Advanced</td>
<td>8</td>
</tr>
<tr>
<td>English Extension: MUST also do English Advanced</td>
<td>9</td>
</tr>
<tr>
<td>Food Technology</td>
<td>10</td>
</tr>
<tr>
<td>Geography</td>
<td>11</td>
</tr>
<tr>
<td>History: Ancient</td>
<td>12</td>
</tr>
<tr>
<td>History: Modern</td>
<td>13</td>
</tr>
<tr>
<td>Industrial Technology: Graphics Technologies</td>
<td>14</td>
</tr>
<tr>
<td>Industrial Technology: Multimedia Technologies</td>
<td>15</td>
</tr>
<tr>
<td>Industrial Technology: Timber Products &amp; Furniture Technologies</td>
<td>16</td>
</tr>
<tr>
<td>Information Processes &amp; Technology</td>
<td>17</td>
</tr>
<tr>
<td>Language: French Continuers Distance Education Only</td>
<td>18</td>
</tr>
<tr>
<td>Language: French Beginners Distance Education Only</td>
<td>19</td>
</tr>
<tr>
<td>Language: German Beginners Distance Education Only</td>
<td>20</td>
</tr>
<tr>
<td>Language: Japanese Beginners Distance Education Only</td>
<td>21</td>
</tr>
<tr>
<td>Language: Japanese Continuers Distance Education Only</td>
<td>22</td>
</tr>
<tr>
<td>Legal Studies</td>
<td>23</td>
</tr>
<tr>
<td>Mathematics Introduction</td>
<td>24</td>
</tr>
<tr>
<td>Mathematics General</td>
<td>25</td>
</tr>
<tr>
<td>Mathematics 2 Unit</td>
<td>26</td>
</tr>
<tr>
<td>Mathematics Extension 1: MUST also do Mathematics 2 Unit</td>
<td>27</td>
</tr>
<tr>
<td>Music 1</td>
<td>28</td>
</tr>
<tr>
<td>Music 2</td>
<td>29</td>
</tr>
<tr>
<td>Personal Development Health &amp; Physical Education (PHDPE)</td>
<td>30</td>
</tr>
<tr>
<td>Science: Biology</td>
<td>31</td>
</tr>
<tr>
<td>Science: Chemistry</td>
<td>32</td>
</tr>
<tr>
<td>Science: Earth &amp; Environmental Science</td>
<td>33</td>
</tr>
<tr>
<td>Science: Physics</td>
<td>34</td>
</tr>
<tr>
<td>Science: Senior Science</td>
<td>35</td>
</tr>
<tr>
<td>Society &amp; Culture</td>
<td>36</td>
</tr>
<tr>
<td>Software Design &amp; Development</td>
<td>37</td>
</tr>
<tr>
<td>Studies of Religion 1 Unit and 2 Unit (Catholic Studies refer Board Endorsed Course page 51)</td>
<td>38</td>
</tr>
<tr>
<td>Textiles &amp; Design</td>
<td>39</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>40</td>
</tr>
</tbody>
</table>
Aboriginal Studies 2 Unit
ATAR Course

Introduction
Aboriginal Studies is a 2 Unit course in both Year 11 and Year 12.

The Aboriginal Studies course involves the study of the historical and contemporary experiences of Aboriginal peoples. The course aims to develop students’ knowledge, understanding and skills about the inter-relationship between the concepts of an Aboriginal world view, a shared history of Australia and social justice, with a view to enabling students to be active and informed citizens.

For Whom is the Subject Intended?
This course is for students who have an interest in the study of indigenous people.

Students studying this subject will develop skills in research, written and oral communication.

Students who have an interest in the subject, are able to express themselves well in writing, and have a willingness to work consistently in their study, should do well in this course.

The skills and knowledge acquired by students in this course have the potential to be recognised by industry and training organisations, including TAFE NSW.

Pre-Requisites
There are no pre-requisites for this course. It is not expected that students will have studied Aboriginal Studies as an elective in the previous school.

Content

Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Preliminary Course consists of four sections</td>
</tr>
<tr>
<td>Part I  Aboriginality and the Land</td>
</tr>
<tr>
<td>Part II Heritage and Identity</td>
</tr>
<tr>
<td>Part III International Indigenous Community – Comparative Study</td>
</tr>
<tr>
<td>Part IV Research and Inquiry Methods – Local Community Case Study</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The HSC course consists of three sections</td>
</tr>
<tr>
<td>Part I  Social Justice and Human Rights Issues</td>
</tr>
<tr>
<td>Part II  Aboriginality and the Land, OR</td>
</tr>
<tr>
<td>Heritage and Identity</td>
</tr>
<tr>
<td>Part III Research and Inquiry Methods: Major Project</td>
</tr>
</tbody>
</table>

Assessment
During Years 11 and 12 there are a variety of assessment tasks which include short answer responses, structured responses, essays, research tasks and oral presentations.

Please note
In the HSC Year there is an internally marked MAJOR PROJECT, which constitutes 40% of the HSC school assessment.

Costs
Costs are included in the College Resource Fee. There may be an excursion in each year, and costs will be kept to a minimum.

Contact Person
Studies Coordinator: Mr Tony Stone
Email: anthony.stone@mn.catholic.edu.au
Business Studies 2 Unit
ATAR Course

Introduction
Business Studies encompasses the theoretical and practical aspects of business which students will encounter throughout their lives. Contemporary business issues and case studies are embedded in the course to provide a stimulating and relevant framework for students to apply to their learning. Students will develop general and specific skills including research, analysis, problem-solving, decision-making, critical thinking and communication.

Please note that Business Studies is very different from Commerce.

For Whom is the Subject Intended?
Students with an interest in the world of business will find this course stimulating and challenging. Students are offered a range of co-curricular opportunities that broaden their experiences and enhance their understanding of both the knowledge and skill outcomes of the course. One approach to the Business Plan Assignment leads into a state and then national competition which can be re entered during the HSC Year.

Students in both Years are encouraged to participate in the Australian Stock Exchange Competition and the NSW University run Competition: PWC Australian Business Studies Competition.

Preparation for further study at TAFE or university in Business, Accounting, Finance, Marketing, Human Resources Management. Choosing this subject, in combination with Economics or Food Technology is a sound career option. Similarly when combined with VET courses eg Hospitality for future hospitality management careers.

Pre-Requisites
There are NO pre-requisites for this course.

Content

Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nature of Business......................................</td>
<td>Operations...........................................</td>
</tr>
<tr>
<td>Time</td>
<td>25% of Course Time</td>
</tr>
<tr>
<td>Business Management......................................</td>
<td>Time</td>
</tr>
<tr>
<td>40% of Course Time</td>
<td>Marketing ............................................</td>
</tr>
<tr>
<td>Business Planning........................................</td>
<td>25% of Course Time</td>
</tr>
<tr>
<td>Time</td>
<td>Finance ..............................................</td>
</tr>
<tr>
<td></td>
<td>25% of Course Time</td>
</tr>
<tr>
<td></td>
<td>Human Resources .....................................</td>
</tr>
<tr>
<td></td>
<td>Time</td>
</tr>
</tbody>
</table>

Assessment
The HSC examination is a 3 hour paper consisting of four sections:
1. 20 multiple choice
2. 4-6 short responses
3. A Business Report
4. An Extended Response

College Assessment in both the Preliminary and HSC course comprises a formal examination and a range of tasks, such as reports, research assignments.

Costs
Subject costs are included into the College Resource Fee.

Costs to cover UNSW Competition are included into the Subject’s Resource Fee.

Contact Person
Studies Coordinator: Mr Tony Stone
Email: anthony.stone@mn.catholic.edu.au
**Community & Family Studies 2 Unit**

**ATAR Course**

**Introduction**
The central aim of Community & Family Studies is to develop in each student an ability to manage resources and take action to support the needs of individuals, groups, families and communities. This is an interdisciplinary course drawing upon components of family studies, sociology, developmental psychology and students’ general life experiences. It develops students’ knowledge, skills and attitudes relevant to decision making, problem solving and management of everyday living.

Community & Family Studies can have a direct and positive influence on the quality of students’ lives both now and in the future.

**For Whom is the Subject Intended?**
This Course is especially suited to students who have an interest in current issues that are influential in Australian society (eg technology, families and communities), and is relevant to careers in Early Childhood Studies, Sociology, and Management.

The students will need to develop strong research, organisational and writing skills. They need to be able to work effectively both independently and within group situations.

**Pre-Requisites**
There are NO formal pre-requisites.

**Content**

*Preliminary Year and HSC Year*
Research is an integral component of this subject. Students are required to develop and utilise skills of investigation, discovery, recording, analysis and synthesis as they translate observations and experiences in various research activities culminating in an Independent Research Project.

<table>
<thead>
<tr>
<th>Preliminary Course Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resource Management......................... 20% time</td>
</tr>
<tr>
<td>Individuals and Groups....................... 40% time</td>
</tr>
<tr>
<td>Families &amp; Communities...................... 40% time</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cores:</strong></td>
</tr>
<tr>
<td>Research Methodology...................... 25% time</td>
</tr>
<tr>
<td>Groups in Context............................ 25% time</td>
</tr>
<tr>
<td>Parenting and Caring........................ 25% time</td>
</tr>
<tr>
<td><strong>Option:</strong></td>
</tr>
<tr>
<td>Social Impact of Technology.............. 25% time</td>
</tr>
</tbody>
</table>

**Assessment**
Both Preliminary and HSC Courses are internally assessed. Tasks include:
- An Independent Research Project (HSC 25%)
- Formal Exams
- Research Reports
- Oral Presentations
- Research Methodologies including Observation, Interviews and Surveys

**HSC EXAMINATION**
The single examination is of 3 hours duration. It involves:
- Objective response questions on Core Modules (20 marks).
- Short answer questions on Core Modules (55 marks).
- Short & extended response questions on one Option Module (25 marks).

**Costs**
Subject costs are included in the College Resource Fee.

**Contact Person**
Studies Coordinator: Mr Chris Henry
Email: chris.henry@mn.catholic.edu.au
Drama 2 Unit
ATAR Course

Introduction
This course is designed for students with an interest in Drama, regardless of their past dramatic experience. Students may have a performance background or be beginners with little knowledge of Drama.

Students are given the opportunity to perform individually and in groups, and they are encouraged to appreciate the rich dramatic tradition of our culture by watching, writing and performing.

For Whom is the Subject Intended?
Students of varying academic abilities can find success in this course. Drama involves detailed study of theoretical components and practical work and allows a wide range of choice within the subject. Students can maximise marks in areas where they show skill and interest.

However, all students will be required to write essays at an advanced level, and all students will be required to perform in a group presentation and to complete an Individual Project in one of the following areas:
- Scriptwriting
- Design
- Performance
- Video
- Critical analysis

Pre-Requisites
There are NO pre-requisites but students need to be competent English students and be confident to perform in front of an audience.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Improvisation, Playbuilding and Acting</td>
</tr>
<tr>
<td>• Elements of Production in Performance</td>
</tr>
<tr>
<td>• Theatrical Traditions and Performance Styles</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Group Presentation</td>
</tr>
<tr>
<td>• Individual Project</td>
</tr>
<tr>
<td>• Australian Drama and Theatre</td>
</tr>
<tr>
<td>• Studies in Drama and Theatre – Black Comedy</td>
</tr>
</tbody>
</table>

Assessment

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scripted Piece</strong>                                                                30%</td>
</tr>
<tr>
<td><strong>Group Presentation in a particular style</strong>                                       40%</td>
</tr>
<tr>
<td><strong>Theatrical Traditions</strong> (Theory – two essays)                                   30%</td>
</tr>
</tbody>
</table>

This will be implemented as follows:

| Making                                                                 40% |
| Performing                                                            30% |
| Critically Studying                                                  30% |

HSC Examination

(i) There will be a 1½ hour written examination comprising two essays on Australian Theatre and World Drama.

(ii) The Group Presentation will be externally marked.

(iii) The individual Project will be externally marked.

Examination (Written)…………………..40% Weighting
Group Presentation…………………..30% Weighting
Individual Project…………………..30% Weighting

Definition: Group Presentation
A totally original piece of theatre written and performed by students in groups of three, four, five or six.

Costs
Subject Costs are included in the College Resource Fee.

Other Costs: Students will be required to have a black long sleeved T-Shirt and black track pants. Students will be invited to attend various dramatic performances throughout the year.

Contact Person
Studies Coordinator: Mr Patrick Campbell
Email: patrick.campbell@mn.catholic.edu.au
Economics 2 Unit
ATAR Course

**Introduction**
Economics is ideal for students who have an interest in current economic issues, and who wish to develop a greater understanding of how Australia’s economy functions, and how it is affected by global events and the role of government/politics in managing problems/issues. Please note, Economics is very different from Commerce.

**For Whom is the Subject Intended?**
Studying Economics for the HSC gives students excellent preparation for further study in Business, Accounting, Finance, Media, Law, Marketing, Employment Relations, Tourism, History, Geography or Environmental Studies.

Studying HSC Economics is of major benefit to all Degree courses in Business Management, Commerce, Accounting, Economics – as it is a compulsory first year subject in these courses. Students who have completed the HSC Economics course are greatly advantaged.

**Pre-Requisites**
There are NO pre-requisites for this course, but students with strong competencies in English and Maths are encouraged to consider this course.

**Content**
**Preliminary Year and HSC Year**

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The preliminary course focuses on aspects of the economic behaviour of consumers, business and government, developing group skills. Six topics are studied.</td>
</tr>
<tr>
<td>• Introduction to Economics</td>
</tr>
<tr>
<td>• Economic Behaviour: Consumers and Firms</td>
</tr>
<tr>
<td>• The Market</td>
</tr>
<tr>
<td>• Labour Markets</td>
</tr>
<tr>
<td>• Financial Markets</td>
</tr>
<tr>
<td>• Government in the Economy</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The HSC course examines the external framework in which the Australian economy operates with a focus on problems and issues. There are four topics.</td>
</tr>
<tr>
<td>• The Global Economy</td>
</tr>
<tr>
<td>• Australia’s Place in The Global Economy</td>
</tr>
<tr>
<td>• Economic issues</td>
</tr>
<tr>
<td>• Economic Policies and Management</td>
</tr>
</tbody>
</table>

**Assessment**
External assessment takes the form of the HSC examination.

Internal assessment consists of formal examinations at the College and writing tasks based on course work which are submitted periodically throughout both Preliminary and HSC years. These tasks can include research reports and stimulus based responses.

**Costs**
Subject costs are included in the College Resource Fee.

Costs to cover UNSW Competition are included in the Subject’s Resource Fee.

**Contact Person**
Studies Coordinator: Mr Tony Stone
Email: anthony.stone@mn.catholic.edu.au
Engineering Studies 2 Unit
ATAR Course

Introduction
Engineering Studies is made up of a number of Engineering Application Modules and an Engineering Focus module based on study from particular Engineering fields. Both Preliminary and HSC Courses offer students knowledge, understanding and skills in aspects of engineering that include communication, engineering mechanics/hydraulics, engineering materials, historical/societal influences, engineering electricity/electronics, and the scope of the profession. Students study engineering by investigating a range of applications and fields of engineering.

For Whom is the Subject Intended?
It is ideally suited to students who intend to pursue careers in Architecture, Engineering or Technology at university level or TAFE.

TAFE may offer advanced standing in the following courses:
- Associate Diploma in Building and Mechanical Engineering.
- Certificate courses in Mechanical Technology and Industrial Engineering.

Pre-Requisites
Students must be capable of attempting 2 Unit Mathematics successfully. This means Pathways 5.3 or top 10% of Pathways 5.2 Mathematics.

Content
Preliminary Year and HSC Year

Preliminary Course
Students undertake the investigation of engineering principles and practice through the study of 4 modules:
- Engineering Fundamentals, Engineering Products, Braking Systems and Bio Engineering.
By studying “real work” scenarios, students are able to gain a realistic knowledge of current engineering innovation and impact on society.

HSC Course
Students undertake the study and develop engineering reports for:
- two applications modules being Civil structures and Personal and Public Transport.
- two focus modules – Aeronautical engineering and Telecommunications Engineering.

Assessment

Preliminary
Modules: 75% exams.
Engineering Report Assessments: 25%.

HSC
Modules: 80% - exams.
Two Engineering Reports Assessment: 20%.

HSC Exam
One paper of three hours.

Costs
Subject Costs are included in the College Resource Fee.

Contact Person
Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au
Introduction
The course aims to develop proficiency in English to enhance the personal, social and vocational lives of students. It is the course that most students will undertake.

For Whom is the Subject Intended?
The Standard English course caters for a broad range of abilities, from students who have basic literacy skills to those who are reasonably competent in reading and writing.

The course provides a wide experience in English, encompassing a varied range of modern reading and viewing studied in relationship to the culture in which we live. Emphasis is placed on providing students with the opportunity to become confident and effective communicators.

Pre-Requisites
Students who are likely to attain a Grade C or D in Stage 5 are strongly advised to study the Standard English Course, if they wish to obtain an ATAR.

Content

Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the Preliminary Standard English course students explore the ways events, experiences, ideas, values and processes are represented in and through texts. Students explore texts, develop skills in synthesis and analyse aspects of meaning.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the Preliminary Course students study:</td>
</tr>
<tr>
<td>• Drama</td>
</tr>
<tr>
<td>• Prose Fiction</td>
</tr>
<tr>
<td>• Poetry</td>
</tr>
<tr>
<td>• A range of media, film, non-fiction and multi-modal texts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The HSC English (Standard) Course emphasises reflecting on and demonstrating the effectiveness of texts for different audiences and purposes. It involves the close study of at least FOUR TYPES OF PRESCRIBED TEXT, one drawn from EACH of the following:</td>
</tr>
<tr>
<td>• Prose Fiction</td>
</tr>
<tr>
<td>• Drama</td>
</tr>
<tr>
<td>• Poetry</td>
</tr>
<tr>
<td>• One drawn from non-fiction, film, media OR multimedia texts</td>
</tr>
</tbody>
</table>

Assessment
Assessment will include HSC examination-type tasks and a range of non-HSC examination tasks such as creative responses, a composition portfolio, oral presentation and listening task.

Modes to be assessed include listening, speaking, reading, writing, viewing and representing.

The external assessment is a written HSC examination consisting of two papers which examine the Area of Study and the Modules.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: A mandatory component of both Preliminary and HSC Courses is drama as performance text. Students may, therefore, attend a live production in the course of their study. Parents will be notified of costs and details in an excursion letter closer to the date.

Contact Person
Studies Coordinator: Mrs Carole Houston
Email: carole.houston@mn.catholic.edu.au
Introductions
The course aims to develop critical and sophisticated use of English to enhance the personal, social and vocational lives of students.

For Whom is the Subject Intended?
The Advanced English course is designed for students who enjoy wide reading, writing both imaginatively and analytically, actively participating in class work and discussion, working independently and being challenged by new ideas.

It will appeal to competent users of language who have shown a particular interest in all aspects of English in Years 7 to 10, and who are self-motivated and organised learners.

Candidates with a passion for English should consider the Preliminary Extension Course as an additional 1 Unit. This is a pre-requisite if you are considering additional units in English for your HSC.

Pre-Requisites
Students who are likely to attain a Grade A or B in Stage 5 are advised to study the Advanced English Course.

HSC Course
The HSC Advanced English course emphasises the analytical and evaluative response to and composition of texts. It centres on a more detailed focus on particular texts supported by wide reading.

For the HSC students study:
At least five types of prescribed text, one drawn from each of the following:
- Shakespearean drama
- Prose fiction
- Drama OR Film
- Poetry
- Non-fiction OR media OR multimedia texts

Assessment
Assessment will include both HSC examination – type tasks and a range of non-HSC examination tasks such as creative responses, a composition portfolio, oral presentation and listening task.

Modes to be assessed include listening, speaking, reading, writing, viewing and representing.

The external assessment is a written HSC examination consisting of two papers which examine the Area of Study and the Modules.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: A mandatory component of both Preliminary and HSC Courses is drama as performance text. Students are, therefore, expected to attend a live production in the course of their study. Parents will be notified of costs and details in an excursion letter closer to the date.

Contact Person
Studies Coordinator: Mrs Carole Houston
Email: carole.houston@mn.catholic.edu.au
English Extension 1 Unit
ATAR Course

Introduction
This is a specialised study of English completed in addition to the Advanced English course.

The course aims to provide students with the opportunity to pursue areas of interest with increased independence and to theorise about the process of responding to and composing texts.

For Whom is the Subject Intended?
Students who are in the top 20% of students undertaking the English (Advanced) Course.

These students will have demonstrated analytical and imaginative use of the language. They need to be capable of independent investigation and accomplished in the composition of texts.

Pre-Requisites
As a pre-requisite for the English Extension course students must study the Advanced English course from Year 11. Students would need a Grade A in Stage 5.

Students may undertake English Extension 2 in Year 12 only if they have completed the Preliminary Extension English course and are currently studying English Extension 1. The student’s results should also place them in the top third of the Advanced English Course.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
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</thead>
<tbody>
<tr>
<td>In the Preliminary Extension English 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. Students examine a key text and its manifestation in one or more popular cultures. Students will study a range of:</td>
</tr>
<tr>
<td>• Prose Fiction</td>
</tr>
<tr>
<td>• Poetry</td>
</tr>
<tr>
<td>• Non-fiction, media and multimedia texts</td>
</tr>
<tr>
<td>• Drama</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the HSC English (Extension) Course 1, students must complete one elective chosen from one of the HSC Modules: Genre, Texts and Ways of Thinking; Language and Values. Students will study in Extension 1:</td>
</tr>
<tr>
<td>• Drama</td>
</tr>
<tr>
<td>• Prose Fiction</td>
</tr>
<tr>
<td>• Poetry</td>
</tr>
<tr>
<td>• A range of other media, film, multimodal and non-fiction texts as classroom learning experiences.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students undertaking the HSC (Extension) Course 2 must complete a Major Work in the form of a sustained composition. The major work may be imaginative, investigative, interpretive or analytical, or any combination of these. The chosen form and medium should be appropriate to the nature of the task, the student’s interests and the resources available.</td>
</tr>
</tbody>
</table>

Assessment
The English Extension 1 course will be internally assessed through spoken, written, and visual presentation, and externally examined in a written examination in the HSC.

The English Extension 2 course internal assessment mark is based on the HSC Course only. The Major Work is assessed internally as a process, through a Major Work Reflection Statement, Journal and externally as a product.

Note
English Extension 1 classes commence at 8am two mornings per week.
English Extension 2 class is held on Monday afternoon from 3:15 pm – 5:15 pm.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: Students are responsible for any costs arising from the completion of the Major Work if they continue into English Extension 2 in the HSC Year. Students may be expected to attend a live production of the play being studied. Parents will be notified of costs and details in an excursion letter closer to the date.

Contact Person
Studies Coordinator: Mrs Carole Houston
Email: carole.houston@mn.catholic.edu.au
**Food Technology 2 Unit**

**ATAR Course**

**Introduction**
The Food Technology syllabus provides students with a broad knowledge of food related technology and skills that are relevant and transferable to other areas of life. Such skills include the ability to analyse, research, experiment, prepare food, manage resources and communicate. This Course has been written to complement both employment and further education options.

This course is suitable for students wishing to continue at either university or TAFE.

**For Whom is the Subject Intended?**
A thought-provoking and challenging course for those interested in the paddock to plate pathway of food. Food Technology studies the affect food has on our lifestyles, wellbeing and longevity.

It has a major emphasis upon theory, requiring discussion, research and analysis. **Practical experiences are incorporated to support and supplement learning.**

It will appeal to students keen to explore food related issues and/or a desire to work in the food industry, either in the agriculture, science, nutrition, hospitality, marketing or retail fields.

**Complementary subject choices include**
- **Biology:** Nutritional aspects of human development, sensory perception and microbiology of food borne diseases. The use of genetic engineering technology in food production.
- **PD/H/PE:** Nutrition and sports nutrition, dietary disorders and wellbeing.
- **Business Studies/ Economics and Geography:** The impact of climates on food production. The influence of supply and demand on food trends and pricing. Concepts of marketing, market segments, profit and loss.
- **Hospitality:** Food preparation techniques, Health, Safety and Hygiene, characteristics of food.
- And to a lesser degree, **Chemistry:** Basic food science, functional properties of food.

**Pre-Requisites**
There are **NO** pre-requisites to this Course.

**Content**

**Preliminary Year and HSC Year**

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The study of three core units.</td>
</tr>
<tr>
<td>1. Food Availability and Selection 30%</td>
</tr>
<tr>
<td>2. Food Quality – including properties of food 40%</td>
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<tr>
<td>3. Nutrition 30%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The study of four core units.</td>
</tr>
<tr>
<td>The core units are:</td>
</tr>
<tr>
<td>1. The Australian Food Industry 25%</td>
</tr>
<tr>
<td>2. Food Manufacture 25%</td>
</tr>
<tr>
<td>3. Food Product Development 25%</td>
</tr>
<tr>
<td>4. Contemporary Nutrition Issues 25%</td>
</tr>
</tbody>
</table>

**Assessments**
This Course has both practical and theory components. The practical component may consist of food analysis, experiments, food preparation and presentation. The HSC examination will be three hours in duration consisting of two extended response questions, multiple choice and short answer questions.

**Costs**
Subject Costs are included in the College Resource Fee.

**Other Fees:** Excursion costs are kept to a minimum. Students are expected to attend **one** excursion over the duration of Year 11 and Year 12.

**Contact Person**
Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au
Geography 2 Unit
ATAR Course

Introduction
Geography is an ideal subject choice for students with an interest in, and awareness of the world around them. It presents a variety of perspectives of the world through time and over space. The subject has a strong environmental focus, examining a wide range of contemporary issues, both global and local. There is an emphasis on ‘hands-on’ learning, and students are frequently in the field, conducting research, observing, questioning, and recording.

The Course investigates issues such as:
- human impacts on ecosystems such as coral reefs, wetlands and coastal dunes.
- how economic activity is affected by global and local forces – wine industry.
- challenges of living in a ‘mega city’ of over 10 million eg Mumbai.
- issues concerning Sydney’s urban sprawl and inner city redevelopment eg Balmain.

For Whom is the Subject Intended?
Geography is suited to a wide range of students. Students will acquire a greater awareness and understanding of the world, and their place in it. The skills acquired will have many applications in their adult life and in tertiary education.

The study of geography is a logical choice for students wishing to pursue a career as a forester, travel consultant, town planner, meteorological technical officer, environmental scientist, journalist, pilot and many more.

TAFE NSW offers credit to geography students in courses such as Environmental Practices, Climate, Ecology amongst others.

Pre-Requisites
There are NO pre-requisites for this course.

Content

Preliminary Year and HSC Year

Preliminary Course
- Biophysical Interactions
- Population, Development, Natural Resources
- Senior Geography Project (SGP)

HSC Course
- Ecosystems At Risk
- Urban Geography
- People and Economic Activity

Fieldwork
30 hours over the two years is mandatory to meet Board of Studies requirements. Students not completing the required fieldwork may not be eligible for the Higher School Certificate in this subject.

Assessment

Preliminary Course
This is assessed by both course work and a final examination (1½ hours). An important component of course work is the SGP, a project where the student chooses a topic for investigation, designs a program of research and selects means of presenting the findings of this research. Students find this a most rewarding and satisfying achievement.

HSC Course
The HSC examination is of 3 hours duration. Internal assessment comprises a Trial HSC examination of 3 hours and a range of course work submitted during the year.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: Excursions costs are kept to a minimum. There are two in Year 11 and three in Year 12. Attendance is mandatory for all students as fieldwork is a BOSTES requirement.

Contact Person
Studies Coordinator: Mr Tony Stone
Email: anthony.stone@mn.catholic.edu.au
Ancient History 2 Unit
ATAR Course

Introduction
Ancient History involves a study of ancient societies including Egypt, Greece, Persia, China and Rome.

There is an extension course (an additional 1 Unit) available in Year 12 for those students who have shown particular interest and ability in the subject during Year 11.

For Whom is the Subject Intended?
Ancient History is for those people who are interested in the ideas and achievements of the ancient world, going back to about 5000 BC.

Students will need to have sound literacy skills, including both reading and writing. Good comprehension skills are necessary when entering Year 11, as students will be required to comprehend sources and express their ideas in writing.

In Year 11 and Year 12 students will need to write well-structured and detailed responses. Such responses require students to be able to account for historical events; to explain, describe or to make informed judgements in relation to historical issues. The course content is interesting, different and challenging.

Students who are prepared to participate in class, and do revision at home, will do well in this subject.

Students who are enrolled in English Studies will find the reading and writing required very challenging.

Pre-Requisites
There are NO pre-requisites for this course.

Content
Preliminary Year and HSC Year

HSC Course
There are four sections to be completed for the HSC. These will build on the work covered in Year 11. The sections are:

| a) | Compulsory Core Study: |
|    | (Pompeii and Herculaneum) |
| b) | One Ancient Society: |
|    | (from ten choices, including Egypt, Persia, Assyria and Greece) |
| c) | One Important Individual: |
|    | (from Twelve choices) |
| d) | One Historical Period: |
|    | (from Egypt, Persia, Greece or Rome) |

Assessment
A variety of assessment tasks will be set in both Year 11 and Year 12. Ancient History is not an all essay subject. It contains a variety of short answer and extended responses.

There is one examination paper of 3 hours duration in the HSC, consisting of four sections worth 25% each. The types of questions include multiple choice in the Core Study, short answers, structured questions, and one extended response question, where there is a choice between questions. Some are based on source information provided with the questions.

There will also be internal (within the school) tasks set, including individual and/or group research, and tasks which reflect those in the HSC paper (as above).

Costs
Subject costs are included into the College Resource Fee.

Other Costs: There may be one or two excursions available (e.g., special study days in Newcastle and/or Sydney) at various universities. These costs are kept to a minimum.

Contact Person
Studies Coordinator: Mr Tony Stone
Email: anthony.stone@mn.catholic.edu.au
Modern History 2 Unit

ATAR Course

Introduction
Modern History consists of a 2 Unit Course in both Years 11 and 12. There is an Extension Course (1 Unit) available in Year 12 for those students who display a high interest and ability in the subject.

Through the study of Modern History students have the opportunity to consider the great technological, economic, political and moral changes of the nineteenth and twentieth centuries that have made our world the way it is. This study requires students to analyse causes, the progress and effects of these changes in the world and finally to make judgements about them. Modern History is especially relevant today.

For Whom is the Subject Intended?
This Course is suitable for students with an interest in historical studies. Students will need to be prepared to further develop their skills in research methods and written and oral communication and they need to be able to express themselves well in writing.

History is useful in areas such as Journalism, Law, Research, Education, Government Administration, Private Enterprise and many more.

Pre-Requisites
There are NO pre-requisites for this course. It is advisable that students considering this course have sound literacy skills. This course is substantially different to the history studied in Stage 5.

Content

Preliminary Year and HSC Year

Preliminary Course
In the Preliminary Year students complete two Depth Studies from a variety of National Studies eg:
- The Reign of Terror France 1772-1795
- The decline and fall of the Romanov Dynasty
- Yankees and Confederates in the American States during the 19th Century
- Bismarck and the unification of the German States
- The Meiji Restoration: nature and impact
- The origins of the Arab-Israeli Conflict: 1800’s to 1947
- Ayatollah Khomeini and Muslim Fundamentalism
- The Boxer Rebellion
- The Indian Mutiny 1857

Preliminary Course continued
Students also complete a Historical Investigation where they develop their research and investigative skills on a topic of their choice. Students then complete the Core Study Topic: ‘The World at the Beginning of the Twentieth Century’.

HSC Course
In the HSC Year students complete four sections.
1 Core Study: World War I 1914-1919
2 National Studies: One topic will be chosen from the following:
   - Germany 1918-1939
   - China 1927-1949
   - USA 1919-1941
   - Japan 1904-1937
   - Russia and the Soviet Union 1917-1941
   - Australia 1945-1983
3 Personalities in the Twentieth Century: One personality will be chosen from the following:
   - Albert Speer
   - Zhu De
   - Eleanor Roosevelt
   - Emperor Hirohito
   - Leon Trotsky
   - Joseph Benedict Chifley
4 International Studies in Peace and Conflict:
   - Conflict in Europe 1935-1945
   - Conflict in the Pacific 1937-1951
   - The Arab-Israeli Conflict 1948-1996
   - The Cold War 1945-1991
   - The United Nations as Peacekeeper 1946-2001

Assessment
A variety of Assessment Tasks are set in both Years 11 and 12. Modern History is not an all essay subject. The HSC paper in Modern History is of 3 hours duration.

Costs
Subject Costs are included in the College Resource Fee.

Other Costs: Usually local excursions in Year 11 and possibly an excursion to Sydney in Year 12.

Contact Person
Studies Coordinator: Mr Tony Stone
Email: anthony.stone@mn.catholic.edu.au
Industrial Technology
Graphics Technologies 2 Unit

ATAR Course

Introduction
Industrial Technology Graphics is a hands on course that involves the realisation of a Major Project and Portfolio. The Major 3D Project incorporates a set of related drawings and models around the design and planning of a product or structure.

For Whom is the Subject Intended?
Industrial Technology Graphics is suited to a diverse range of students wishing to develop technical drawing skills and gain an understanding of the graphics industry. This subject would be especially helpful for students who would like to enter the architectural, engineering or product design vocations. It would also help students interested in becoming tradesmen and reading technical drawings.

Pre-Requisites
NIL

Content

Preliminary Year

| Industry Study: | Study of the organisation and management of an individual business. |
| Design: | Design and plan projects. |
| Management & Communication: | Completion of a management folio for each project. |
| Production: | Acquisition of relevant graphical practical skills. |
| Industry Related Manufacturing Technology: | Development of knowledge of materials, processes, tools and equipment (including computer aided drawing, CAD). |

HSC Year

| Industry Study: | Broad study of industry. |
| Major Project: | Production of management folio and practical project. |
| Industry Related Manufacturing Technology: | Continued development of knowledge of materials, processes, tools and equipment (including computer aided drawing, CAD). |

Assessment

Preliminary Course

<table>
<thead>
<tr>
<th>Assessment Components</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Study</td>
<td>15%</td>
</tr>
<tr>
<td>Design</td>
<td>10%</td>
</tr>
<tr>
<td>Management &amp; Communication</td>
<td>20%</td>
</tr>
<tr>
<td>Production</td>
<td>40%</td>
</tr>
<tr>
<td>Industry Related Manufacturing Technology</td>
<td>15%</td>
</tr>
</tbody>
</table>

HSC Course

<table>
<thead>
<tr>
<th>Assessment Components</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Study</td>
<td>15%</td>
</tr>
<tr>
<td>Major Project</td>
<td>60%</td>
</tr>
<tr>
<td>Industry Related Manufacturing Technology</td>
<td>25%</td>
</tr>
</tbody>
</table>

Note

Industrial Technology Graphics cannot be studied in conjunction with any other Industrial Technology subject.

Costs

Subject Fee: $120.00 pa

This fee covers the cost of specialised classroom materials required in the course and specialist hardware and software costs.

Additional costs for drawing equipment including drawing kit and templates may be required if the student does not already have them.

Contact Person

Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au
Industrial Technology Multimedia Technologies 2 Unit

**ATAR Course**

**Introduction**
Industrial Technology is a hands-on course that involves the realisation of a Major Project and Management Folio in the HSC year.

**For Whom is the Subject Intended?**
Industrial Technology is suited to a diverse range of students wishing to develop their practical skills and gain an understanding of Information Communication Technologies (ICT) industry. Industrial Technology multimedia make a particularly good combination with VET Information Technology course, and/or Software, Design & Development (SDD), and/or Computer Applications, Information Processes & Technology (IPT).

**Pre-Requisites**
NIL. However, students with previous experience with ICT tools and programs would find it advantageous.

**NOTE:** Industrial Technology Graphics cannot be studied in conjunction with any other Industrial Technology subject.

**Content**

**Preliminary Year**
- Multimedia Industry Study Analysis
- Design and Production Techniques of Multimedia Projects
- Management & Communication
- Industry Related Development of practical skills in Adobe Creative Cloud Collection products
- Multimedia skills in image editing, animation, web design, video editing and development.

**HSC Year**
- Industry Study
- Major Project (Design, Management & Communication, Production)
- Industry Related Manufacturing Technology of Multimedia Industry

**Preliminary Course**
Practical skills in image editing, animation, web design and video production. Minor projects combined with a study of Multimedia Industry.

**HSC Course**
The development of a Major Project and folio involving Multimedia elements and a broad study of Multimedia Industry.

**Assessment**

<table>
<thead>
<tr>
<th>Assessment Components</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Industry Study</td>
<td>15%</td>
</tr>
<tr>
<td>Design, Management &amp; Communication</td>
<td>30%</td>
</tr>
<tr>
<td>Production</td>
<td>40%</td>
</tr>
<tr>
<td>Industry Related Manufacturing Technology</td>
<td>15%</td>
</tr>
</tbody>
</table>

For the HSC there is an external paper worth 40% and the Major Project and associated Management Folio 60%.

**HSC Course**

<table>
<thead>
<tr>
<th>Assessment Components</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Study</td>
<td>15%</td>
</tr>
<tr>
<td>Major Project</td>
<td>60%</td>
</tr>
<tr>
<td>Industry Related Manufacturing Technology</td>
<td>25%</td>
</tr>
</tbody>
</table>

**Course Outline Preliminary Year**

**Tools and Machines**
- multimedia equipment and its uses – Eg: PCs, Graphics tablets, green screen/Chroma key
- exploring multimedia software packages – Adobe Creative Cloud
- design & development of projects
- Adobe Creative Cloud (Photoshop, Fireworks, Dreamweaver, Illustrator, Flash, After Effects & Premier Pro), Final Cut Pro

**Materials & Resources**
- file formats
- web resources & digital Libraries

**Course Outline HSC Year**

**Tools and Machines**
- using multimedia equipment for Major Project
- manipulating multimedia software packages (eg Adobe Creative Cloud) for Major Projects
- publishing multimedia presentations

**Materials & Resources**
- file formats
- utilising web resources & digital libraries

**Costs**

Subject Fee: $120.00 pa

This fee covers the cost of specialised classroom materials required in the course and specialist hardware and software costs. The fee also includes an excursion, demonstration and workshop by external company on Claymation/Stop Motion and video workshop excursion.

**Contact Person**

Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au
**Introduction**
Industrial Technology is a hands-on course that involves the realisation of a Major Project and Management Folio.

**For Whom is the Subject Intended?**
Industrial Technology is suited to a diverse range of students wishing to develop their practical skills and gain an understanding of the furniture industry. This subject would be especially helpful for students entering the following professions: joinery, carpentry and cabinet making.

**Personal Protective Equipment**
Students are to be aware that they have to supply personal protective clothing items as detailed in the PPE Agreement.

**Exclusions**
This course CANNOT be taken in association with VET Furnishings.

**Pre-Requisites**
NIL. However, students with previous experience in Industrial Technology Wood in Years 9 and 10 would find it advantageous.

**Content**

**Preliminary Course**

| Industry Study | Study of the organisation and management of an individual business. |
| Design         | Design and plan projects.                                      |
| Management & Communication | Completion of a management folio for each project. |
| Production     | Acquisition of relevant practical skills.                     |
| Industry Related Manufacturing Technology | Development of knowledge of materials, processes, tools and machinery. |

**HSC Course**

| Industry Study               | Broad study of industry.                                   |
| Major Project                | Production of management folio and practical project.     |
| Industry Related Manufacturing Technology | Continued development of knowledge of materials, processes, tools and machinery. |

**Assessment**

**Preliminary Course**

- Industry Study: 15%
- Design: 10%
- Management & Communication: 20%
- Production: 40%
- Industry Related Manufacturing Technology: 15%

**HSC Year**

- Industry Study: 15%
- Major Project: 60%
- Industry Related Manufacturing Technology: 25%

**Note**
Industrial Technology Timber Products & Furniture Technologies cannot be studied in conjunction with any other Industrial Technology subjects.

**Costs**
Subject Fee: $120.00 pa
This fee covers the cost of specialised classroom materials, replacement of consumable items and specialist hardware and software costs associated with the course.

**Contact Person**
Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au
**Information Processes & Technology 2 Unit**

**ATAR Course**

**Introduction**
Information Processes and Technology is the study of computer-based information communication systems. It focuses on information processes performed by these systems and the procedures resulting from the processes are considered. Different types of information systems are studied. Through project work, students will create their own information system to meet an identified need. This course has significant advanced standing at University and TAFE.

**For Whom is the Subject Intended?**
Information Processes and Technology is suited to a diverse range of students wishing to develop their practical skills and gain an understanding of Information Communication Technologies (ICT) industry. Information Processes and Technology makes a particularly good combination with VET Information Technology course, and/or Industrial Technology (Multimedia) and/or Software, Design & Development (SDD).

**Pre-Requisites**
NIL. However, students with previous experience with ICT tools and programs would find it advantageous.

**Content/Assessment Components**

**Preliminary Year**
- Introduction to Information skills and systems – 20%
- Tools for Information Processes – 50%
- Developing Information Systems – 30% incorporating image/graphic editing, video production, multimedia, web/internet development, word processing, desktop publishing, spreadsheet, and database applications.

**HSC Year**
- Project management / project work – 20%
- Information Systems and Databases – 20%
- Communication Systems 20%
- Option strands – students select TWO of the below options – 40% (refer below and next column)
  - Multimedia systems – Educational and Information Game development, Leisure and Entertainment, Virtual reality and simulators, web design and development, animation, image/graphic editing, and video multimedia
  - Automated Manufacturing Systems – Robotic Systems for dangerous/repetitive tasks, CAD/CAM through numerical control systems, Rapid Prototyping, mail sorting
  - Transaction Processing Systems – Banking and Financial systems, Data mining, data warehouse, management systems, enterprise systems

**HSC Assessment**
At the completion of this Course all students will sit for a three hour HSC exam, which is divided into three sections, containing multiple choice and short structured answers. NO ESSAYS!

**Preliminary and HSC Course**

**Course Outline Preliminary and HSC Year**

**Industry Specific Content & Production**

**Tools and Machines**
- Adobe CS Master Collection (Photoshop, Fireworks, Dreamweaver, Illustrator, Flash, After Effects & Premier Pro), Final Cut Pro
- Multimedia equipment and its uses – Eg: PCs, Graphics tablets, green screen/Chroma key
- Robotics using Lego and NXT technology
- Exploring multimedia software packages – Adobe CS Master Collection
- Microsoft Office 365 applications and integration
- Communication devices such as routers, switches and cabling
- Design & development of projects

**Skills, Materials & Resources**
- Use of business software and its integration use of internet for communication
- File formats
- Web resources & digital Libraries
- Robotics

**Physical Computing**
- Raspberry Pi
- Arduino
- Gatileo

**Note**
This subject cannot be studied in conjunction with Computing Applications.

**Costs**
Subject costs are included in the College Resource Fee.

**Contact Person**
Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au
French 2 Unit
ATAR Course

Two Courses: Continuers and Beginners

Introduction
French language study provides a powerful context within which to develop general competencies considered essential for the acquisition of effective, higher-order thinking skills necessary for further education, work and everyday life. The ability to communicate in French may, in conjunction with other skills, provide students with enhanced vocational opportunities in many areas such as trade, tourism, banking, technology and education. The study of French will involve the student in using the skills of listening, speaking, reading and writing, and being able to move between French and English. This College offers two Courses in French: • French Continuers Level • French Beginners Level.

French Continuers – Distance Education

For Whom is the Subject Intended?
Students who have studied French as an elective subject in Years 8 to 10.

Pre-Requisites
A satisfactory level of achievement in the Elective French Course in Years 8-10, or equivalent standard.

Content
Preliminary Year and HSC Year
The main Course aims are to develop the student’s:
• ability to use French to communicate with others.
• understanding and appreciation of the cultural contexts in which French is used.
• cognitive, learning and social skills.
• ability to apply French to work, further study, training or leisure.

There are three prescribed themes, each with associated topics.

The individual
• Personal identity
• Relationships
• School life and aspirations
• Leisure and interests

The French-speaking Communities
• Daily life/lifestyles
• Historical influences on modern-day life
• Arts and entertainment

The changing world
• Travel and tourism
• The world of work
• Current issues
• The young person’s world

Assessment
Preliminary: Assessment components and their weightings are:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaking</td>
<td>20%</td>
</tr>
<tr>
<td>Listening and responding</td>
<td>30%</td>
</tr>
<tr>
<td>Reading and responding</td>
<td>40%</td>
</tr>
<tr>
<td>Writing in French</td>
<td>10%</td>
</tr>
</tbody>
</table>

HSC Course: The internal HSC assessment mark for French Continuers is based on the external HSC examination assessment structure.

<table>
<thead>
<tr>
<th>External Assessment</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>An oral examination consisting of:</td>
<td>20%</td>
</tr>
<tr>
<td>Conversation</td>
<td></td>
</tr>
<tr>
<td>A written examination consisting of:</td>
<td>25%</td>
</tr>
<tr>
<td>Listening and responding</td>
<td></td>
</tr>
<tr>
<td>Reading and responding</td>
<td>40%</td>
</tr>
<tr>
<td>Writing in French</td>
<td>15%</td>
</tr>
</tbody>
</table>

Costs
Subject costs are included in the College Resource Fee.

Other Costs: Students need to provide their own tapes/CD’s for listening practice. Students of French must have access to a cassette player/recorder/CD/MP3.

Optional Excursion: If the economy allows, the College Exchange/Pilgrimage Program offers the opportunity to spend time in a French-speaking environment. Approximate cost: $7,000 (Europe) or $2000 (Noumea). Spending money is extra.

Contact Person
Studies Coordinator: Miss Vlasta Veltruski
Email: vlasta.veltruski@mn.catholic.edu.au
For Whom is the Subject Intended?
This Course is for senior secondary students who have little or no previous knowledge of French. It is for students who have not studied French in Stage 5. If students have studied French for more than 100 hours in Stages 4/5 they are ineligible.

The French Beginners Level Course is a 2 Unit Course. Students who complete this Course for the HSC may be admitted to the second year of French at University.

Pre-Requisites
An interest in the language and culture of France.

Content
Preliminary Year and HSC Year
The Course is constructed around the four language skills of listening, speaking, reading and writing. The development of the ability to understand spoken French and to communicate orally in French in the topic areas prescribed comprise half the allocated marks in the assessment. The main Course aims are to develop the student’s:

- ability to use French to communicate with others.
- understanding and appreciation of the cultural contexts in which French is used.
- cognitive, learning and social skills.
- ability to apply French to work, further study, training or leisure.

The major themes are:
- Family Life, Home & Neighbourhood
- People, Place & Communities
- Education & Work
- Friends, Recreation & Pastimes
- Holidays, Travel & Tourism
- Future Plans & Aspirations

Assessment
This Course has a heavy emphasis on practical skills: answers in assignment and assessment work are short answer type and no essay writing is required.

Preliminary
Assessment components and their weightings are based on the recommended syllabus weightings.

The HSC Examination will consist of two parts:
- Oral Examination (approximately 15 minutes)
- Listening and Written Examination (approximately 2½ hours)

Assessment Components and Weightings

<table>
<thead>
<tr>
<th>Component</th>
<th>HSC Weighting</th>
<th>Internal Preliminary Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listening Skills – aural comprehension, the ability to understand spoken language.</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>Speaking Skills – oral communication, the ability to converse.</td>
<td>20</td>
<td>15</td>
</tr>
<tr>
<td>Reading Skills – the ability to understand written language.</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>Writing Skills – the ability to communicate written French.</td>
<td>20</td>
<td>15</td>
</tr>
</tbody>
</table>

The internally marked assessment tasks could take a variety of forms, which will assess the performance of the student in each of the skills areas: listening, speaking, reading and writing. Four or five such tasks will be used throughout both the Preliminary and HSC Courses.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: Students need to provide their own tapes/CD’s for listening practice. Students of French must have access to a cassette player/recorder/CD/MP3.

Optional Excursion: If the economy allows, the College Exchange/Pilgrimage Program offers the opportunity to spend time in a French-speaking environment. Approximate cost: $7,000 (Europe) or $2000 (Noumea). Spending money is extra.

Contact Person
Studies Coordinator: Miss Vlasta Veltruski
Email: vlasta.veltruski@mn.catholic.edu.au
German Beginners 2 Unit

Distance Education

ATAR Course

Introduction
German language study provides a powerful context within which to develop general competencies considered essential for the acquisition of effective, higher-order thinking skills necessary for further education, work and everyday life. The ability to communicate in German may, in conjunction with other skills, provide students with enhanced vocational opportunities in many areas such as trade, tourism, banking, technology and education.

For Whom is the Subject Intended?
This Course is for senior secondary students who have little or no previous knowledge of German. It is for students who have not studied German in Stage 5. If a student has studied German for more than 100 hours in Stages 4/5 they are ineligible.

The German Beginners Level Course is a 2 Unit Course. Students who complete this Course for the HSC may be admitted to the second year of German at University.

Pre-Requisites
An interest in the language and culture of Germany.

Content

Preliminary Year and HSC Year
The Course is constructed around the four language skills of listening, speaking, reading and writing. The development of the ability to understand spoken German and to communicate orally in German in the topic areas prescribed, comprise half the allocated marks in the assessment.

The main Course aims are to develop the student’s:
- ability to use German to communicate with others.
- understanding and appreciation of the cultural contexts in which German is used.
- cognitive, learning and social skills.
- ability to apply German to work, further study, training or leisure.

The major themes are:
- Family Life, Home & Neighbourhood
- People, Place & Communities
- Education & Work
- Friends, Recreation & Pastimes
- Holidays, Travel & Tourism
- Future Plans & Aspirations

Assessment

Preliminary: Assessment components and their weightings are based on the HSC course assessment components.

The HSC Examination will consist of two parts:
- Oral Examination (approximately 15 minutes)
- Listening and Written Examination (approximately 2½ hours)

<table>
<thead>
<tr>
<th>Assessment Components and Weightings</th>
<th>HSC Weighting</th>
<th>Internal Preliminary Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listening Skills – aural comprehension, the ability to understand spoken language.</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>Speaking Skills – oral communication, the ability to converse.</td>
<td>20</td>
<td>15</td>
</tr>
<tr>
<td>Reading Skills – the ability to understand written language.</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>Writing Skills – the ability to communicate written German.</td>
<td>20</td>
<td>15</td>
</tr>
</tbody>
</table>

The internally marked assessment tasks could take a variety of forms, which will assess the performance of the student in each of the skills areas: listening, speaking, reading and writing. Four to six such tasks will be used both throughout the Preliminary and HSC Courses.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: Students need to provide their own tapes/CD’s for listening practice. Students of German must have access to a cassette player/recorder/CD/MP3.

Contact Person
Studies Coordinator: Miss Vlasta Veltruski
Email: vlasta.veltruski@mn.catholic.edu.au
Japanese Beginners 2 Unit

Distance Education

ATAR Course

Introduction
Japanese language study provides a powerful context within which to develop general competencies considered essential for the acquisition of effective, higher-order thinking skills necessary for further education, work and everyday life. The ability to communicate in Japanese may, in conjunction with other skills, provide students with enhanced vocational opportunities in many areas such as trade, tourism, banking, technology and education.

For Whom is the Subject Intended?
This Course is for senior secondary students who have little or no previous knowledge of Japanese. It is for students who have NOT studied Japanese in Stage 5. If students have studied Japanese for more than 100 hours in Stages 4/5 they are ineligible.

The Japanese Beginners Level Course is a 2 Unit Course. Students who complete this Course for the HSC may be admitted to the second year of Japanese at University.

Pre-Requisites
An interest in the language and culture of Japan.

Content
Preliminary Year and HSC Year
The Course is constructed around the four language skills of listening, speaking, reading and writing. The development of the ability to understand spoken Japanese and to communicate orally in Japanese in the topic areas prescribed, comprise half the allocated marks in the assessment.

The writing component will consist of learning the hiragana and katakana syllabaries and 105 kanji (80 for active use and 25 for recognition). This Course has a heavy emphasis on practical skills: answers in assignment and assessment work are short answer type and no essay writing is required.

The main Course aims are to develop the student’s:
- ability to use Japanese to communicate with others.
- understanding and appreciation of the cultural contexts in which Japanese is used.
- cognitive, learning and social skills.
- ability to apply Japanese to work, further study, training or leisure.

The major themes are:
- Family Life, Home & Neighbourhood
- People, Place & Communities
- Education & Work
- Friends, Recreation & Pastimes
- Holidays, Travel & Tourism
- Future Plans & Aspirations

Assessment
Preliminary: Assessment components and their weightings are based on the HSC course assessment components.

The HSC Examination will consist of two parts:
- Oral Examinations (approximately 15 minutes).
- Listening and Written Examination (approximately 2 1/2 hours).

<table>
<thead>
<tr>
<th>Assessment Components and Weightings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>Listening Skills – aural comprehension, the ability to understand spoken language.</td>
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</tr>
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<td>Reading Skills – the ability to understand written language.</td>
</tr>
<tr>
<td>Writing Skills – the ability to communicate written Japanese.</td>
</tr>
</tbody>
</table>

Costs
Subject costs are included in the College Resource Fee.

Other Costs:
- Students need to provide their own tapes/CD’s for listening practice. Students of Japanese must have access to a CD player/MP3 etc.
- Students are required to purchase an individual workbook for their two years of study. The cost is determined by the Publisher.

Optional Excursion: If the economy allows, the College Exchange Program with Japan gives students the opportunity to spend two weeks in Japan. Approximate cost: $4,000, spending money being extra.

Contact Person
Studies Coordinator: Miss Vlasta Veltruski
Email: vlasta.veltruski@mn.catholic.edu.au
Japanese Continuers 2 Unit

Distance Education

ATAR Course

Introduction
Japanese language study provides a powerful context within which to develop general competencies considered essential for the acquisition of effective, higher-order thinking skills necessary for further education, work and everyday life. The ability to communicate in Japanese may, in conjunction with other skills, provide students with enhanced vocational opportunities in many areas such as trade, tourism, banking, technology and education.

For Whom is the Subject Intended?
The course is designed for students who have studied Japanese as an elective subject in Years 8 to 10.

Pre-Requisites
- A satisfactory level of achievement in Elective Japanese course in Years 8 to 10, including Hiragana and Katakana syllabaries prescribed as part of the Junior Elective Course.
- Familiarity with the Kanji prescribed for use and recognition in the new Stage 4 & Stage 5 Syllabus.

Content
Preliminary Year and HSC Year
The main Course aims are to develop the student’s:
- ability to use Japanese to communicate with others.
- understanding and appreciation of the cultural contexts in which Japanese is used.
- cognitive, learning and social skills.
- ability to apply Japanese to work, further study, training or leisure.

There are three prescribed themes, each with associated topics. These topics may be studied over both the Preliminary and HSC years, in varying depth and complexity according to the needs and interests of the students.

<table>
<thead>
<tr>
<th>The Individual</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Personal world</td>
</tr>
<tr>
<td>• Daily life</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The Japanese-speaking Communities</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Visiting Japan</td>
</tr>
<tr>
<td>• Life in Japan</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The Changing World</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Working life</td>
</tr>
<tr>
<td>• Changes in daily life</td>
</tr>
<tr>
<td>• Environmental issues</td>
</tr>
</tbody>
</table>

Assessment
Preliminary: Assessment components and their weightings are based on the HSC course assessment components.

<table>
<thead>
<tr>
<th>Assessment Components and Weightings</th>
</tr>
</thead>
<tbody>
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<td>Component</td>
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<tr>
<td>Writing Skills – the ability to communicate written Japanese.</td>
</tr>
</tbody>
</table>

HSC: The internal assessment mark for Japanese Continuers is based on the external HSC examination assessment structure.

<table>
<thead>
<tr>
<th>Assessment Components and Weightings</th>
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</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>An oral examination consisting of:</td>
</tr>
<tr>
<td>• Conversation.</td>
</tr>
<tr>
<td>A written examination consisting of:</td>
</tr>
<tr>
<td>• Listening and responding</td>
</tr>
<tr>
<td>• Reading and responding</td>
</tr>
<tr>
<td>• Writing in Japanese</td>
</tr>
</tbody>
</table>

Costs
Subject costs are included in the College Resource Fee.

Other Costs:
- Students need to provide their own tapes/CD’s for listening practice. Students of Japanese must have access to a cassette player/recorder or CD player.
- Students are required to purchase an individual workbook for their two years of study. The cost is determined by the Publisher.

Optional Excursion: If the economy allows, the College Exchange Program with Japan gives students the opportunity to spend two weeks in Japan. Approximate cost: $4,000, spending money being extra.

Contact Person
Studies Coordinator: Miss Vlasta Veltruski
Email: vlasta.veltruski@mn.catholic.edu.au
Legal Studies 2 Unit
ATAR Course

Introduction
Through this Course students are able to develop knowledge, understanding and skills about the effectiveness of the legal system in promoting a just and fair society.

This Course will assist students to understand their rights as a citizen within the Australian Legal System as well as the International Legal System. The study of this subject should empower students to think critically on the role of legal institutions and the law in society.

For Whom is the Subject Intended?
This Course is for any student with an interest in how the legal system operates both in Australia and Internationally.

The Course is not intended to lead directly to study in law at university but it does give an insight into legal proceedings and would be useful for students interested in further legal studies at the tertiary level.

The Course will enable students to better understand their rights and responsibilities by examining the way law is generated and structured and how it operates.

Pre-Requisites
There are NO pre-requisites for this course. It is advisable though, that students selecting this course, have sound literacy skills.

Content

Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Preliminary Course consists of three sections:</td>
</tr>
<tr>
<td>Part I</td>
</tr>
<tr>
<td>Part II</td>
</tr>
<tr>
<td>Part III</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The HSC course consists of three sections:</td>
</tr>
<tr>
<td>Part I</td>
</tr>
<tr>
<td>Part II</td>
</tr>
<tr>
<td>Part III</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Assessment
There are a variety of assessments throughout Years 11 and 12 with a focus on research of current legal issues and cases.

The HSC examination is of 3 hours duration and is divided into three sections which consist of multiple choice questions 20%, short responses and structured responses 30% and extended responses 50%.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: Usually one excursion per year to the courts and a HSC Study Day in Year 12.

Contact Person
Studies Coordinator: Mr Tony Stone
Email: anthony.stone@mn.catholic.edu.au
Mathematics

Introduction
Mathematics is not a compulsory subject. Students who decide to study Mathematics choose from the following Courses listed in order of decreasing difficulty.

Board Developed Courses (ATAR)
- Mathematics Extension 1 for the more able mathematics students. It is an additional 1 Unit Course.
- Mathematics (2 Unit Course).
- Mathematics General (2 Unit Course).
- Exceptional students can further specialise with Mathematics Extension 2 in Year 12.

Content Endorsed Course (Non ATAR)
- Mathematics General 1 (2 Unit Course).
  Available in Year 12 only. Must have completed the General Course in Year 11.

How to choose the most suitable Course
All of the Board Developed Courses start with the assumption that students have mastered certain skills and knowledge from Year 10. Therefore students should be guided by their past performance. In summary our recommendations are:

<table>
<thead>
<tr>
<th>Preliminary Board Course</th>
<th>Stage 5 Pathway</th>
<th>Stage 5 RoSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics Extension 1</td>
<td>5.3</td>
<td>Grade A9 or 10</td>
</tr>
<tr>
<td>Mathematics 2 Unit</td>
<td>5.3</td>
<td>Grade B8 or better</td>
</tr>
<tr>
<td>Mathematics General</td>
<td>5.1, 5.2 or 5.3</td>
<td>Grade C5 or better</td>
</tr>
</tbody>
</table>

Students who have studied the 5.1 Mathematics Pathway who still wish to have a Mathematics component in their course of study should choose General Mathematics with a view to selecting the General 1 Pathway for their HSC course of study.

Studies Coordinator: Mr Andrew Middleton
Email: andrew.middleton@mn.catholic.edu
**Introduction**
All students attempting General Mathematics do the same Preliminary course with the option of doing the General 2 course or the General 1 course in their HSC year.

Mathematics General is a Board Developed ATAR Course.

*Mathematics General 1 is a Content Endorsed course non ATAR (no HSC Examination) available for study in Year 12 providing students have completed the Preliminary Course in General Maths.*

**Content**

**Preliminary Year and HSC Year**

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Strand</strong></td>
</tr>
<tr>
<td>Financial Mathematics</td>
</tr>
<tr>
<td>Data and Statistics</td>
</tr>
<tr>
<td>Measurement</td>
</tr>
<tr>
<td>Probability</td>
</tr>
<tr>
<td>Algebra and Modelling</td>
</tr>
<tr>
<td><strong>Focus Study</strong></td>
</tr>
<tr>
<td>Mathematics and Communication</td>
</tr>
<tr>
<td>Mathematics and Driving</td>
</tr>
</tbody>
</table>

The Preliminary Mathematics General course is undertaken by all students intending to study either the HSC Mathematics General 2 course or the HSC Mathematics General 1 course.

<table>
<thead>
<tr>
<th>HSC Mathematics General 2 Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Strand</strong></td>
</tr>
<tr>
<td>Financial Mathematics</td>
</tr>
<tr>
<td>Data and Statistics</td>
</tr>
<tr>
<td>Measurement</td>
</tr>
<tr>
<td>Probability</td>
</tr>
<tr>
<td>Algebra and Modelling</td>
</tr>
<tr>
<td><strong>Focus Study</strong></td>
</tr>
<tr>
<td>Mathematics and Health</td>
</tr>
<tr>
<td>Mathematics and Resources</td>
</tr>
</tbody>
</table>

**Assessment**
For both Preliminary and HSC courses students are to be assessed on:
- their knowledge and skills
- their ability to apply their knowledge
- their reasoning and interpretive skills
- their ability to explain and communicate methods and solutions

1. **Internal Assessment**
Students do traditional examinations plus a number of other tasks which have stronger emphasis on understanding, communication and interpretation.

2. **External Assessment**
Students sit for a 2.5 hour HSC Examination.

There is no external examination for Mathematics General 1

**Costs**
Subject costs are included in the College Resource Fee.

**Contact Person**
Studies Coordinator: Mr Andrew Middleton
Email: andrew.middleton@mn.catholic.edu
Mathematics 2 Unit
ATAR Course

For Whom is the Subject Intended?
This Course is designed to provide a sufficient basis for university courses involving Mathematics as a minor discipline, such as the life sciences or commerce. It is a calculus-based course.

Pre-Requisites
Students should have studied the 5.3 Mathematics Pathway, and gained Grade B8 or better.

The 5.2 Pathway does not give adequate preparation for Mathematics 2 Unit.

Students need to have demonstrated competence in Mathematical Skills, especially Algebra.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Basic Arithmetic and Algebra</td>
</tr>
<tr>
<td>• Real Functions</td>
</tr>
<tr>
<td>• Trigonometric Ratios</td>
</tr>
<tr>
<td>• Linear Functions</td>
</tr>
<tr>
<td>• The Quadratic Polynomial and the Parabola</td>
</tr>
<tr>
<td>• Plane Geometry</td>
</tr>
<tr>
<td>• Tangent to a Curve and Derivative of a Function</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Review of Year 11 Preliminary Course</td>
</tr>
<tr>
<td>• Coordinate Methods in Geometry</td>
</tr>
<tr>
<td>• Applications of Geometrical Properties</td>
</tr>
<tr>
<td>• Geometrical Applications of Differentiation</td>
</tr>
<tr>
<td>• Integration</td>
</tr>
<tr>
<td>• Trigonometric Functions</td>
</tr>
<tr>
<td>• Logarithmic and Exponential Functions</td>
</tr>
<tr>
<td>• Applications of Calculus to the Physical World</td>
</tr>
<tr>
<td>• Series and Applications</td>
</tr>
<tr>
<td>• Probability</td>
</tr>
</tbody>
</table>

Assessment
For both Preliminary and HSC Courses students are to be assessed on:
• their knowledge and skills.
• their ability to apply this knowledge to the real world.
• their reasoning and interpretive skills.
• their ability to explain and communicate methods and solutions.

1 Internal Assessment
Students will do traditional examinations plus a number of other tasks which have a stronger emphasis on understanding, interpretation and communication.

2 External Assessment
HSC Examination of 3 hours duration.

Contact Person
Studies Coordinator: Mr Andrew Middleton
Email: andrew.middleton@mn.catholic.edu.au

Costs
Subject costs are included in the College Resource Fee.
For Whom is the Subject Intended?
This Extension Course gives students the basis for further university studies which are heavily dependent on Mathematics such as the physical and engineering sciences and Mathematics Degrees. However many students undertake this course for other reasons: they may be good at Mathematics and enjoy the challenge; they may want to leave some career options open; they may want to use their talents in this area to maximise their ATAR score.

It is recommended that students of outstanding mathematical ability should consider undertaking both Extension Courses 1 and 2 (1 Unit each) in the HSC year.

Pre-Requisites
The Course is intended for students who have demonstrated a mastery of the skills in Stage 5.

They should have completed the 5.3 Mathematics Pathway and gained Grade A (A10 or A9).

Content

Preliminary Year and HSC Year
The Extension Course contains the whole of the 2 Unit Course with harder applications, plus the following topics:
- Further trigonometry and calculus
- Inverse Trig. Functions
- Proof by mathematical induction
- Permutations, combinations and probability
- Polynomials
- Projectile and simple harmonic motion
- Binomial theorem

Assessment
Extension students are assessed separately on both the Mathematics Course and the Extension 1 Course. They are awarded two results:

a a mark out of 100 for Mathematics, and
b a mark out of 50 for Extension 1.

1 Internal Assessment
Students will do traditional examinations plus a number of other tasks which have a stronger emphasis on understanding, interpretation and communication.

2 External Assessment
Two HSC Examinations:
Mathematics (3 hours), and
Extension I (2 hours).

Note
Extension Mathematics Courses commence at 8am 2 mornings per week.

Costs
Subject costs are included in the College Resource Fee.

Contact Person
Studies Coordinator: Mr Andrew Middleton
Email: andrew.middleton@mn.catholic.edu.au
Music 1 2 Unit
ATAR Course

Introduction
In Music 1 students are given the opportunity to make music in small and large groups as well as individually and they are encouraged to interpret and understand the many and varied types of music styles which exist through listening, composing, analysing and performing.

Music students may use this course to further their music study at University. This course can also be used to gain entry into TAFE music courses as well as private institutions eg. School of Audio Engineering, and Australian Institute of Music.

For Whom is the Subject Intended?
This course is for students with an interest in all types of music regardless of their past musical experience. Students may be already proficient musicians, or beginners with little or no prior knowledge. Students’ musical tastes and interests may vary widely. These are all catered for in this course.

All students will be required to sing or play an instrument. Students should be aware that many students undertaking this course are trained musicians of a high standard.

Pre-Requisites
There are NO pre-requisites. Students DO NOT need to be able to read and write music prior to entering this subject. However they should be aware that a number of students in the class will be skilled in this area.

Content
Preliminary Year and HSC Year

### Preliminary Course
Students will perform, compose, analyse and listen (musicology and aural) to a variety of musical styles through a study of 3 topics. Examples of topics include Australian Music; Music for Small Ensembles; Music for Film, Radio, Television and Multimedia; Music of a Culture; Theatre Music.

<table>
<thead>
<tr>
<th>Component/Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Musicology (25%); Composition (25%); Performance (25%); Aural (25%)</td>
</tr>
</tbody>
</table>

### HSC Course
Students will perform, compose, analyse and listen (musicology and aural) to a variety of musical styles through a study of at least three topics from a list of topics some of which include Rock Music; Jazz; Popular Music; Music of the 20th and 21st Centuries, An Instrument and its Repertoire; Theatre Music.

<table>
<thead>
<tr>
<th>Component/Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance (10%); Musicology (10%); Composition (10%); Aural (25%)</td>
</tr>
</tbody>
</table>

| Three Electives: Any combination from Performance, Composition and/or Musicology (45%) |

### Internal Assessment – HSC Year

<table>
<thead>
<tr>
<th>Component/Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance (10%); Musicology (10%); Composition (10%); Aural (25%)</td>
</tr>
</tbody>
</table>

| Three Electives: Any combination from Performance, Composition and/or Musicology (45%) |

### External Assessment – HSC Examinations

<table>
<thead>
<tr>
<th>Component/Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance (20 Marks); Aural (30 Marks)</td>
</tr>
</tbody>
</table>

| Three Electives: Any combination from Performance, Composition and/or Musicology (60 Marks) |

A mark out of 110 will be converted to a mark out of 100 by the Board of Studies for the final HSC result.

Definitions
Aural: refers to the ability to aurally discriminate between sounds and to make judgements about their use in a variety of styles, periods and genres.

Composition: refers to the organisation of sounds and the process of creating and writing music.

Musicology: refers to the study of musical styles, periods and genres. This occurs through listening, score observation, analysis, performance and composition.

Performance: refers to participation in any form of practical music making.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: It is expected that all students will undertake private tuition on their chosen instrument.

Students are expected to attend and perform at various live musical performances throughout the years.

Contact Person
Studies Coordinator: Mr Patrick Campbell
Email: patrick.campbell@mn.catholic.edu.au
Music 2  
2 Unit

**ATAR Course**

---

**Introduction**
Music 2 involves the study of musical compositions from the last 500 years with a focus on music of the last 25 years. Students perform music, compose music, listen to music, analyse scores of printed music and write about the music of other composers. Music 2 students may use this course to further their music study at university and this is also the case for Music 1 students. The Music 2 course involves some group/ensemble work but students do spend a lot of time on their own practising, composing and examining music.

**For Whom is the Subject Intended?**
The Music 2 course is for students who enjoy music and are highly competent musicians. Music 2 is for students who enjoy studying, analysing, composing and performing all types of music with a particular focus on classical music from 1600 to the present day and some contemporary styles.

High achieving Year 11 Music 2 students may choose to extend and deepen their music study by choosing Music Extension (an additional 1 Unit) in their HSC year.

**Pre-Requisites**
Students must be able to read and write music fluently. Students must have a high level of formal training either as a singer or as an instrumentalist. Music 2 students need to have studied the Additional Course of Study in Music in Year 9 and/or Year 10 or the equivalent of that course. Vocal or instrumental private tuition is expected for all students who undertake this course.

**Content**

**Preliminary Year and HSC Year**
Through Performance, Composition, Musicology and Aural students will study a range of musical styles.

**Preliminary Course**

- Compulsory Topic: Music 1600 – 1900
- Additional Topic: Music 1900 – 1945 or Australian Music

**Preliminary Course Component / Weighting**

<table>
<thead>
<tr>
<th>Component</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Musicology</td>
<td>(25%)</td>
</tr>
<tr>
<td>Composition</td>
<td>(25%)</td>
</tr>
<tr>
<td>Performance</td>
<td>(25%)</td>
</tr>
<tr>
<td>Aural</td>
<td>(25%)</td>
</tr>
</tbody>
</table>

**HSC Course**

**Compulsory Topic**: Music of the Last 25 Years (with an Australian focus). Additional Topics may be chosen from the following:
- Music of A Culture
- Medieval Music
- Renaissance Music
- Baroque Music
- Classical Music
- Music of the 19th Century
- Music 1945 – Music 25 Years Ago

**Internal Assessment – HSC Year**

<table>
<thead>
<tr>
<th>Component / Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance (20%); Musicology (20%); Composition (20%); Aural (20%)</td>
</tr>
</tbody>
</table>

**One Elective** Chosen from either Performance, Composition or Musicology (20%)

**External Assessment – HSC Examinations**

<table>
<thead>
<tr>
<th>Component / Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance (15%); Sight Singing (5%); Submitted Composition (15%); Combined Written Musicology and Aural Exam (35%)</td>
</tr>
</tbody>
</table>

**One Elective** - Either Performance Submitted Composition or submitted Musicology Essay (30%)

**Definitions**

- Aural: refers to the ability to aurally discriminate between sounds and to make judgements about their use in a variety of styles, periods and genres.
- Composition: refers to the organisation of sounds and the process of creating and writing music.
- Musicology: refers to the study of musical styles, periods and genres. This occurs through listening, score observation, analysis, performance and composition.
- Performance: refers to participation in any form of practical music making.

**Costs**

Subject costs are included in the College Resource Fee.

**Other Costs**: It is expected that all students will undertake private tuition on their chosen instrument for the entire duration of their senior years at the College. Students are expected to attend and perform at various live musical performances throughout the years.

**Contact Person**

Studies Coordinator: Mr Patrick Campbell  
Email: patrick.campbell@mn.catholic.edu.au
Introduction
PDHPE involves students learning about and practising ways of maintaining active, healthy lifestyles and improving their health status. It also studies social and scientific understandings about movement and enhanced performance potential.

The syllabus focuses on a social view of health where the principles of diversity, social justice and supportive environments are fundamental aspects. Scientific aspects of the study of movement include anatomy, physiology, biomechanics and skill acquisition.

For Whom is the Subject Intended?
This Course is academically demanding and requires rigorous application to all aspects. It is especially suited to students with an interest in, or desire to enter, the sporting, educational or health professions. This Course is largely theory based with emphasis on the scientific aspects of movement and performance as well as on Australia’s health priorities.

Pre-Requisites
There are NO formal pre-requisites.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cores:</strong></td>
</tr>
<tr>
<td>• Better Health for Individuals (30% time)</td>
</tr>
<tr>
<td>• The Body in Motion (30% time)</td>
</tr>
<tr>
<td><strong>Options:</strong></td>
</tr>
<tr>
<td>• First Aid (20% time)</td>
</tr>
<tr>
<td>• Composition and Performance (20% time)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cores:</strong></td>
</tr>
<tr>
<td>• Health Priorities in Australia (30% time)</td>
</tr>
<tr>
<td>• Factors Affecting Performance (30% time)</td>
</tr>
<tr>
<td><strong>Options:</strong></td>
</tr>
<tr>
<td>• Sports Medicine (20% time)</td>
</tr>
<tr>
<td>• Improving Performance (20% time)</td>
</tr>
</tbody>
</table>

Assessment

<table>
<thead>
<tr>
<th>School Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Both Preliminary and HSC Courses are internally assessed. Tasks may include:</td>
</tr>
<tr>
<td>• Assignments and research reports</td>
</tr>
<tr>
<td>• Training program evaluations</td>
</tr>
<tr>
<td>• Formal exams</td>
</tr>
<tr>
<td>• Oral and practical presentations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>One written exam of 3 hours duration. It involves:</td>
</tr>
<tr>
<td>• Objective response questions on Core Modules (20 marks)</td>
</tr>
<tr>
<td>• Short answer questions on Core Modules (40 marks)</td>
</tr>
<tr>
<td>• Short answer and extended response questions on Option Modules (40 marks)</td>
</tr>
</tbody>
</table>

Costs
Subject Costs are included in the College Resource Fee.

Other Costs: Students require suitable attire for practical sessions, including appropriate footwear, shorts, T-Shirts and hats. Students should wear the College sports uniform when practical lessons are scheduled. Excursion costs are kept to a minimum.

Contact Person
Studies Coordinator: Mr Chris Henry
Email: chris.henry@mn.catholic.edu.au
Biology 2 Unit

ATAR Course

Introduction
The Biology Course in Stage 6 Science provides students with a contemporary and coherent understanding of the concepts explaining the functioning, origins and evolution of life, and explores the levels of organisation of life, from molecular to cellular and higher levels of organisation structure and function.

Students can combine this subject with ONE or TWO other Science subjects selected from:
- Chemistry.
- Earth & Environmental Science.
- Physics.

For Whom is the Subject Intended?
The Biology Course is designed for students:
- who can work individually and with others in practical, field and interactive activities related to the theoretical concepts.
- who can apply investigative and problem-solving skills, effectively communicate biological information and understanding and appreciate the contribution that a study of Biology makes to their understanding of the world.

Biology is suited to students who wish to continue with further studies at TAFE or university such as Nursing, Pathology, Medical Sciences, Environmental studies, etc.

Pre-Requisites
Satisfactory completion of Year 10 Science.

Content

Preliminary Year and HSC Year

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

### HSC Course
- Maintaining a Balance
- Blueprint of Life
- The Search for Better Health

One Option from the following:
- Communication
- Biotechnology
- Genetics: The Code Broken? – current option
- The Human Story
- Biochemistry

Assessment
Three (3) hour external Higher School Certificate examination.
Internal Assessment program includes:
- Fieldwork
- Skills Tasks
- Examination

Costs
- Subject cost included in the College Resource Fee.
- Safety glasses are required.
- Revision Booklets ($25.00) are required and will be available from the College.
- Excursion costs are kept to a minimum.
- Experiment Fest $25.00.

Contact Person
Studies Coordinator: Mr Peter Brown
Email: peter.brown@mn.catholic.edu.au
Chemistry 2 Unit
ATAR Course

Introduction
This Course involves students in group and individual practical work, illustrating theoretical ideas and models. It is expected that throughout the Course students will read scientific periodicals and use a variety of other resource materials and technology.

The Course provides an understanding of Chemistry and its application in the context of technology, society and the environment and is intended for students who have at least a substantial achievement level at the Year 10 level.

In the organisation of the Course the needs and interests of students wishing to pursue careers involving Tertiary Education are addressed. The Course also allows credit transfer for some courses at TAFE.

Students can combine this subject with ONE or TWO other Science subjects selected from:
- Biology.
- Earth & Environmental Science.
- Physics.

For Whom is the Subject Intended?
Students considering this subject should be achieving at Grade A or B for Science during Year 10.

Pre-Requisites
Need to qualify for Mathematics 2 Units ie: 5.3 or near top in 5.2 course.

Content
Preliminary Year and HSC Year

Preliminary Course
This part of the Course incorporates the study of:
- The Chemical Earth
- Metals
- Water
- Energy

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

One Option topic from the following:
- Industrial Chemistry
- Shipwrecks, Corrosion and Conservation
- The Biochemistry of Movement
- The Chemistry of Art
- Forensic Chemistry

Assessment
Three (3) hour external Higher School Certificate examination.
Internal Assessment program includes:
- Skills Tasks
- Examinations

Costs
Subject cost included in the College Resource Fee.
Safety glasses are required.
Revision Booklets ($25.00) are required and will be available from the College.
Experiment Fest at the University of Newcastle $25.00.

Contact Person
Studies Coordinator: Mr Peter Brown
Email: peter.brown@mn.catholic.edu.au
Earth & Environmental Science 2 Unit
ATAR Course

Introduction
This course covers the study of Planet Earth and its processes. Students will understand the system and processes which influence aquatic and terrestrial environments. This is an even blend of Geology, Geography and Ecology.

The Course aims to assist students to recognise and understand our responsibilities to conserve, protect and maintain the quality of all environments for future generations.

Students can combine this subject with ONE or TWO other Science subjects selected from:
- Chemistry.
- Biology.
- Physics.

For Whom is the Subject Intended?
This Course is designed for students who have achieved at a substantial level or above in Years 7-10 Science.

Students need skills in research and experimenting, also the communicating and analysis of data is important for intending students.

Pre-Requisites
A genuine interest in the future of Planet Earth and Processes is a major advantage. Students need to have obtained at least a ‘Satisfactory completion of Year 10 Science’.

Content
Preliminary Year and HSC Year

Preliminary Course
- Planet Earth & Environment – a five thousand million year journey
- The Local Environment
- Water Issues
- Dynamic Earth

HSC Course
- Tectonic Impacts
- Environments Through Time
- Caring for the Country

One Option from the following
- Introduced Species and the Australian Environment
- Organic Geology – a non-renewable resource
- Mining and the Australian Environment
- Oceanography

Assessment
Three (3) hour external Higher School Certificate examination.
Internal Assessment program includes:
- Fieldwork
- Skills Tasks
- Examinations

Costs
- Subject cost included in the College Resource Fee.
- Safety glasses are required.
- Excursion costs are kept to a minimum.

Contact Person
Studies Coordinator: Mr Peter Brown
Email: peter.brown@mn.catholic.edu.au
Physics 2 Unit
ATAR Course

**Introduction**
This Course provides students with an understanding of energy, matter and their interactions. Investigating natural phenomenon and then applying patterns, models (including mathematical ones), principles, theories and laws to explain the physical behaviour of the universe.

Students will apply investigative and problem-solving skills, effectively communicate the concepts and appreciate the study of Physics.

Physics builds on and draws on the knowledge and understanding, skills and values and attitudes developed in the science studied in Years 7 to 10.

Students can combine this subject with ONE or TWO other Science subjects selected from:
- Chemistry.
- Earth & Environmental Science.
- Biology.

**For Whom is the Subject Intended?**
Students considering this subject should be achieving at Grade A or B for Science during Year 10.

**Pre-Requisites**
Need to qualify for Mathematics 2 Unit, ie 5.3 Mathematics or near top in 5.2 course.

**Content**

**Preliminary Year and HSC Year**
The Preliminary Course and HSC Course each consists of 120 hours each and includes practical experiences of at least 45 hours in the Preliminary Course and at least 35 hours in the HSC Course.

<table>
<thead>
<tr>
<th>Preliminary Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>• The World Communicates</td>
</tr>
<tr>
<td>• Electrical Energy in the Home</td>
</tr>
<tr>
<td>• Moving About</td>
</tr>
<tr>
<td>• The Cosmic Engine</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Space</td>
</tr>
<tr>
<td>• Motors and Generators</td>
</tr>
<tr>
<td>• From Ideas to Implementation</td>
</tr>
</tbody>
</table>

**Plus one Option chosen from:**
- Geophysics
- Medical Physics
- Astrophysics
- From Quanta to Quarks
- The Age of Silicon

**Assessment**
Three (3) hour external Higher School Certificate examination.

Internal Assessment program includes:
- Skills Tasks
- Examinations

**Costs**
- Subject cost included in the College Resource Fee.
- Safety glasses are required.
- Revision Booklets ($25.00) are required and will be available from the College.
- Experiment Fest at the University of Newcastle $25.00.

**Contact Person**
Studies Coordinator: Mr Peter Brown
Email: peter.brown@mn.catholic.edu.au
**Senior Science 2 Unit**

**ATAR Course**

**Introduction**
Most students will find this Course stimulating and interesting. The focus is on Science and the way it affects peoples personal lives. The Course deals with aspects of Biology, Chemistry, Physics, Earth & Environmental Science.

**For Whom is the Subject Intended?**
Students who have achieved a satisfactory to excellent achievement level in Science in Year 10 and who do not wish to pursue Science based courses at university.

**Pre-Requisites**
It is assumed that students have achieved satisfactory results in the Year 10 Course.

Please note students CANNOT combine this subject with any of the other Science Courses in the Preliminary Year.

Students who complete any of the following Preliminary courses: Biology Chemistry, Earth & Environmental Science or Physics can add Senior Science in the Higher School Certificate year.

**Content**

**Preliminary Year and HSC Year**

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Water for Living</td>
</tr>
<tr>
<td>• Plants</td>
</tr>
<tr>
<td>• Humans at work</td>
</tr>
<tr>
<td>• Local Environment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Lifestyle Chemistry</td>
</tr>
<tr>
<td>• Medical Technology – Bionics</td>
</tr>
<tr>
<td>• Information Systems</td>
</tr>
</tbody>
</table>

**Options – choice of one from five topics:**

- Polymers
- Preservations and Additives
- Pharmaceuticals
- Disasters
- Space Science

**Assessment**
Three (3) hour external Higher School Certificate examination. Internal Assessment program includes:

- Fieldwork
- Skills Tasks
- Examinations

**Costs**
Subject Cost included in the College Resource Fee.

*Other Costs:*
- The following are required and available from the College:
  - Safety glasses $8.00
- Excursion costs are kept to a minimum.

**Contact Person**
Studies Coordinator: Mr Peter Brown
Email: peter.brown@mn.catholic.edu.au
Society & Culture 2 Unit
ATAR Course

Introduction
The Society and Culture course in Stage 6 focuses on the interaction of persons, societies, cultures, environments and time. This Course has relevance to the immediate needs of students and to their future lives. It enables students to achieve social and cultural literacy and develop an understanding of
• themselves.
• their own society and culture, and the societies and cultures of others.

For Whom is the Subject Intended?
This Course is intended for students who wish to study and investigate their own social world and that of others. Skills in seeking information and writing up results will be taught and developed. The subject is an excellent preparation for tertiary studies in the Humanities, especially Sociology and Psychology. The Course involves a Major Research Project, completed in Year 12.

Students will need to have good writing skills and be prepared to further develop all of their communication skills.

Pre-Requisites
There are NO pre-requisites for the study of Society and Culture.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• The Social and Cultural World - 30%</td>
<td></td>
</tr>
<tr>
<td>• Personal and Social Identity – 40%</td>
<td></td>
</tr>
<tr>
<td>• Intercultural Communication – 30%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Core</td>
<td></td>
</tr>
<tr>
<td>• Personal Interest Project – 40%</td>
<td></td>
</tr>
<tr>
<td>• Social and Cultural Continuity and Change - 20%</td>
<td></td>
</tr>
<tr>
<td>Depth Studies – 40%</td>
<td></td>
</tr>
<tr>
<td>Two of:</td>
<td></td>
</tr>
<tr>
<td>• Popular Culture</td>
<td></td>
</tr>
<tr>
<td>• Belief Systems &amp; Ideologies</td>
<td></td>
</tr>
<tr>
<td>• Social Inclusion and Exclusion</td>
<td></td>
</tr>
<tr>
<td>• Social Conformity and Non Conformity</td>
<td></td>
</tr>
</tbody>
</table>

Assessment
Students are assessed internally via research tasks and examination.

The HSC examination accounts for 60% of the student’s marks and is of 2 hours’ duration.

The Personal Interest Project which is marked externally is worth 40% of the HSC mark.

Costs
Subject costs are included in the College Resource Fee.

Contact Person
Studies Coordinator: Mr Tony Stone
Email: anthony.stone@imn.catholic.edu.au
Software Design & Development 2 Unit
ATAR Course

Introduction
The Software Design and Development Course provides students with a systematic approach to problem-solving, an opportunity to be creative, with excellent career prospects and interesting content. Software Development is a distinctive field within the Computing discipline. Approaches to software development are many and varied. An understanding of these and the situations in which they are applied is essential. As well as an understanding of how hardware and software are interrelated.

In order to develop solutions communication, personal and team skills are required by the developers. Together, these components provide the basis for the course.

Computing is an area of rapid growth and change. While a variety of computer applications are used in this subject, they are not the primary focus. The focus of this subject is the development of computer-based solutions that require the design of computer smartphone and tablet software.

For Whom is the Subject Intended?
Students interested in the fields of software development, smart phone apps, game development, software for hardware and computer science will find this subject of value. The subject is not only for those who seek further study at TAFE and/or University but also for those who wish to understand the underlying principles of software design and development.

The subject is intended for both genders. The computing field, particularly in the area of software design and development, offers opportunities for creativity and problem-solving and a collaborative work environment where working with people and exploring issues is an integral part of the job. It is critical that students of both genders have the knowledge, understanding and skills necessary to pursue the many new, exciting and highly paid employment opportunities that exist in the field.

Software Design and Development promotes intellectual, social and ethical growth in students. On completion, the subject provides students with options in the workforce, TAFE and university study.

Pre-Requisites
It would be advantageous for students to have studied Computer Studies in Years 9 and 10, OR have good mathematical skills.

As the Course relies on students’ ability to break down a problem into a series of steps, students MUST be capable of undertaking 2 Unit Mathematics.

Content
Preliminary Year and HSC Year

Preliminary Course

<table>
<thead>
<tr>
<th>Core Strands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concepts and Issues in the Design and Development of Software (30%)</td>
</tr>
<tr>
<td>Software Development Cycle (50%)</td>
</tr>
<tr>
<td>Developing Software Solutions (20%)</td>
</tr>
</tbody>
</table>

HSC Course

<table>
<thead>
<tr>
<th>Core Strands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development and Impact (15%)</td>
</tr>
<tr>
<td>Software Development Cycle (40%)</td>
</tr>
<tr>
<td>Developing a Solution Package (25%)</td>
</tr>
</tbody>
</table>

Option Strands (20%)
One of the following options to be studied:
- Programming Paradigms/Language
- Software Developers View of Hardware

Software & Hardware Tools

<table>
<thead>
<tr>
<th>Software</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual Studio</td>
</tr>
<tr>
<td>Visual Basic / C# / C++</td>
</tr>
<tr>
<td>App development software</td>
</tr>
<tr>
<td>X-code – iPhone Developer</td>
</tr>
<tr>
<td>Visual Basic for Mobile</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Computing</td>
</tr>
<tr>
<td>Raspberry Pi</td>
</tr>
<tr>
<td>Arduino</td>
</tr>
<tr>
<td>Intel Gatileo</td>
</tr>
<tr>
<td>Robotics – lego</td>
</tr>
<tr>
<td>EV3 / NXT</td>
</tr>
</tbody>
</table>

Assessment
At the completion of this Course all students will sit for a 3 hour HSC exam. As part of the internal assessment, students will be required to undertake a major programming project each year, with an assessment weighting of 20% in the Preliminary Year and 50% in the HSC Year.

Exclusions
This course CANNOT be taken in association with Computer Applications.

Costs
Subject cost included in the College Resource Fee. This fee covers the cost of specialised classroom materials and specialised hardware and software costs associated with this course.

Contact Person
Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au
Studies of Religion 1 Unit & 2 Unit
ATAR Course

Introduction
This course is designed to give students a specific understanding of several religious traditions and other world views. It also has a focus on spiritual and religious identity in Australia and the 2 Unit Course also includes a critical study of the role of religion in individual and world peace.

For Whom is the Subject Intended?
Students interested in studying their own religious world view and that of others will find this subject of value. It provides an excellent background for students interested in pursuing careers in journalism, politics, education, health or any employment in our increasingly diverse society. Studies of Religion gives students an insight into other cultures and is very beneficial for those who wish to travel and understand world events. Both the 1 Unit and 2 Unit courses are academically rigorous and involve a demanding external HSC examination and internal assessment. Students need to be very competent in English to have success in this subject. The Course can be used by students as part of their ATAR.

Pre-Requisites NIL

Studies of Religion 1 Unit Accelerated Course
This program of study allows students to complete 1 Unit Preliminary and HSC Studies of Religion in one year. Students will sit for their HSC Examination in Studies of Religion at the end of Year 11. Having completed 1 unit of their ATAR requirements, students who choose this program will:

- have an opportunity to concentrate their efforts on excelling in one HSC subject while they are in their Preliminary year
- have an early insight into HSC examination and assessment procedures
- study with other students who are motivated to achieve good results
- have more time in their HSC year to focus on other subjects (NB students will still be required to complete 10 units of study in addition to this subject)

Students need to apply in writing and attend an interview to be considered for this program. Application forms include a written statement of support from your Year 10 English and Religion teachers. Students who apply must have demonstrated outstanding diligence and maturity to be considered. Application forms are available by request email: jonathan.noble@mn.catholic.edu.au and need to be returned to SFX by no later than June 30, 2016.

Note The accelerated course is only available to students studying Extension Mathematics or Extension English.

Students will attend one/two introductory seminar days during Term 4 2016 as orientation to the course.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>STUDIES OF RELIGION 1 UNIT</th>
<th>Duration (indicative hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary Course</td>
<td></td>
</tr>
<tr>
<td>SOR I</td>
<td></td>
</tr>
<tr>
<td>Nature of Religion and Beliefs</td>
<td>16</td>
</tr>
<tr>
<td>Religious Tradition Study 1</td>
<td>22</td>
</tr>
<tr>
<td>Religious Tradition Study 2</td>
<td>22</td>
</tr>
<tr>
<td>Total</td>
<td>60 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SOR I</td>
<td></td>
</tr>
<tr>
<td>Religion and Belief Systems in Australia – Post 1945</td>
<td>16</td>
</tr>
<tr>
<td>Religious Tradition Depth Study 1</td>
<td>22</td>
</tr>
<tr>
<td>Religious Tradition Depth Study 2</td>
<td>22</td>
</tr>
<tr>
<td>Total</td>
<td>60 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STUDIES OF RELIGION 2 UNIT</th>
<th>Duration (indicative hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary Course</td>
<td></td>
</tr>
<tr>
<td>SOR II</td>
<td></td>
</tr>
<tr>
<td>Nature of Religion and Beliefs</td>
<td>16</td>
</tr>
<tr>
<td>Religions of Ancient Origin</td>
<td>22</td>
</tr>
<tr>
<td>Religious Tradition Study 1</td>
<td>22</td>
</tr>
<tr>
<td>Religious Tradition Study 2</td>
<td>22</td>
</tr>
<tr>
<td>Religious Tradition Study 3</td>
<td>22</td>
</tr>
<tr>
<td>Religion in Australia up to 1945</td>
<td>16</td>
</tr>
<tr>
<td>Total</td>
<td>120 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SOR II</td>
<td></td>
</tr>
<tr>
<td>Religion and Belief Systems in Australia – Post 1945</td>
<td>16</td>
</tr>
<tr>
<td>Religion and Non-religion</td>
<td>16</td>
</tr>
<tr>
<td>Religious Tradition Depth Study 1</td>
<td>22</td>
</tr>
<tr>
<td>Religious Tradition Depth Study 2</td>
<td>22</td>
</tr>
<tr>
<td>Religious Tradition Depth Study 3</td>
<td>22</td>
</tr>
<tr>
<td>Religion and Peace</td>
<td>22</td>
</tr>
<tr>
<td>Total</td>
<td>120 hours</td>
</tr>
</tbody>
</table>

For the purposes of this syllabus the religious traditions are considered to be the five major religions of Buddhism, Christianity, Hinduism, Islam and Judaism.

Assessment

Internal
For both Courses (1 Unit and 2 Unit) the School Assessment is made up of a variety of tasks: exams; written reports; research; oral, written and graphic communication.

HSC
The 1 Unit Course has a single paper of 1½ hours duration. The 2 Unit course has a 3 hour paper.

Costs
Subject costs are included in the College Resource Fee. Other Costs: Excursions and/or guest speakers will be organised when deemed appropriate to the Course. These costs are kept to a minimum.

Contact Person
Studies Coordinator: Rev Jonathan Noble
Email: jonathan.noble@mn.catholic.edu.au
Textiles & Design 2 Unit
ATAR Course

Introduction
This course focuses on creativity and learning relating to the use of textiles – fibres, yarn and fabric. It is a combination of theoretical knowledge and the practical application of textile manufacturing skills. Two practical projects completed by the student during the Preliminary course will develop skills in readiness for the Major Textiles Project which is a mandatory component of the HSC course.

For Whom is the Subject Intended?
You may choose to study this course due to an interest in the Textile or Fashion Industry as a career opportunity or through personal interest and as an outlet for expression and creativity through textiles.

This course has a strong theory and practical emphasis. A Major Textile Project is completed in the HSC Year in one of the following areas:
- Apparel
- Furnishings
- Costume
- Textile Arts
- Non-apparel

This subject offers further credit in some courses at TAFE and University. This includes Bachelor of Design in Fashion and Textiles – UTS.

Pre-Requisites
Students **DO NOT NEED** to have previous experience in their chosen practical field, but it is an advantage.

Content

Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The three study areas are:</td>
<td>1. Colour and Culture 20%</td>
</tr>
<tr>
<td>1. Communicating as a Designer 40%</td>
<td>2. Textile Innovations 20%</td>
</tr>
<tr>
<td>2. Deconstructing Textiles 50%</td>
<td>3. Sustainable Industry 10%</td>
</tr>
<tr>
<td>3. Values and the Textile Industry 10%</td>
<td>4. Major Textiles Project 50%</td>
</tr>
</tbody>
</table>

Assessment
Students complete two minor design projects in the Preliminary Year and one Major Textiles Project in the HSC Year, which is externally marked and contributes to 50% of their final HSC result.

Students sit for an external HSC Examination of 1.5 hours.

Costs
Subject Fee: $100.00 pa

*Other Costs:* Students provide most of their own materials for project work. Excursions vary depending on changing exhibitions. Cost is kept to a minimum.

Contact Person
Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au
**Visual Arts 2 Unit**

**ATAR Course**

**Introduction**
This Course is for students who enjoy looking at, reading about, discussing and creating Artworks. Students need to spend a lot of their own time to create the Artworks.

Visual Arts is a subject which can be enjoyed by many students. They are given the opportunity to create varied art works inspired by the student’s personal experience of the world and creative efforts of artists in a variety of social and cultural contexts.

**For Whom is the Subject Intended?**
Many students can find success in this course but all students will be required to produce a Body of Work of considerable depth. This takes talent and commitment. The theoretical component requires students to be average or above average English students.

The Course can be used in the calculation of the ATAR and students can enter a Visual Arts Degree at University with this course as well as a number of diploma and certificate courses at TAFE.

**Pre-Requisites**
There are NO pre-requisites, although it should be stated that past studies of Visual Arts would be beneficial.

**Content**

**Preliminary Year and HSC Year**

<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Making Artworks</strong></td>
<td><strong>Making Art</strong></td>
</tr>
<tr>
<td>Unit 1: In Search of My Identity</td>
<td>Body of Work (Development) + VAPD</td>
</tr>
<tr>
<td>Unit 2: The Found Object</td>
<td><strong>Study of Art (Criticism &amp; History)</strong></td>
</tr>
<tr>
<td>Unit 3: Icons &amp; Crucifix (Printmaking)</td>
<td>Unit 1: Modern Art</td>
</tr>
<tr>
<td>Unit 4: Photography</td>
<td>The New Dilemma</td>
</tr>
<tr>
<td><strong>Study of Art (Criticism &amp; History)</strong></td>
<td>Unit 2: Australian Retrospective/Aboriginal Narrative/ + Two Case Studies</td>
</tr>
<tr>
<td>Unit 1: The Subjective/Case Studies x 2</td>
<td>Unit 3: Style &amp; Movement ‘Revisted’ plus two Case Studies</td>
</tr>
<tr>
<td>Exam Section 1</td>
<td>Unit 4: Examination</td>
</tr>
<tr>
<td>Unit 2: Audience &amp; World Responses to Art</td>
<td>Procedures/Artists/Philosophy/Practice plus one Case Study of an Artist</td>
</tr>
<tr>
<td>(Seminar &amp; Case Studies)</td>
<td><strong>Assessment</strong></td>
</tr>
<tr>
<td>Unit 3: Text &amp; Narratives in Art</td>
<td><strong>Assessment Preliminary Practical</strong></td>
</tr>
<tr>
<td>Artist &amp; Critic/Historian</td>
<td>Component/Weighting</td>
</tr>
</tbody>
</table>

| In Search of My Identity | 20% |
| The Found Object (Sculpture) | 30% |
| **Theory – Mid Year and Final Exams** | **Internal Assessment (HSC)** |
| Analysis of Coloured Plates (The Frames) | Component/Weighting |
| Essay | Development of Body of Work and Final Presentation (Externally marked) |
| Essay format | 50% |
| 50% | Art Criticism, Art History, Essays, Formal Examinations |
| 50% | **HSC – External Examination** |

Students will sit for 1½ hour paper which is divided into two sections.

- **SECTION 1:** Student must attempt all questions in Section 1 based on frames/conceptual framework/practice history criticism. (25 marks)
- **SECTION 2:** Students will answer one question only from a selection of six questions (essay format) (25 marks) 50%

**Body of Work – Final Submission** 50%

**Costs**
Subject Fee: $120.00 pa

*Other Costs:* Students must cover the cost of the Body of Work which often needs to have the finished Artwork properly mounted. Costs to cover excursions are kept to a minimum.

**Contact Person**
Studies Coordinator: Mr Patrick Campbell
Email: patrick.campbell@mn.catholic.edu.au
## Vocational Education & Training (VET) Courses – Board Developed
### Category B

| VET Courses Overview at St Francis Xavier’s College | page 42 |
| Business Services: Certificate II in Business | page 43 |
| Construction: Certificate II in Construction Pathways | page 44 |
| Entertainment Industry: | page 45 |
| *A Statement of Attainment towards a Certificate III in Live Production and Services* |
| Hospitality: Certificate II in Kitchen Operations | page 46 |
| Information & Digital Technology: | page 47 |
| *A Statement of Attainment towards a Certificate III in Information, Digital Media & Technology* |
| Metal & Engineering: Certificate I in Engineering | page 48 |
| Retail Services: Certificate II in Retail Services | page 49 |
Vocational Education & Training

VET COURSES

An Overview
St Francis Xavier’s College offers Vocational Education and Training (VET) Courses in a number of areas. VET courses enables students to acquire a range of technical, personal and organisational skills valued both within and beyond the workplace.

Students receive a nationally recognised Australian Qualifications Framework (AQF) credential on successful completion of a course.

There are two types of Vocational Education and Training Courses:

1. Board Developed Courses – Industry Curriculum Framework (ICF) Courses

The Board Developed Courses (ICF) allows students to sit for a HSC examination. The examination mark from one 2 Unit VET course (Category B), and either Tourism, Human Services or Electrotechnology studied through EVET may be included in the calculation of a student’s (ATAR).

HSC Examination (optional)
The optional Higher School Certificate (HSC) examination for Industry Curriculum Framework (240 hours) courses will involve a written examination made up of multiple choice, short answer and extended responses.

The examination is independent of the competency-based assessment undertaken during the course and has no impact on the eligibility of a student to receive AQF qualifications.

2. Board Endorsed Courses (BEC)

These courses have been endorsed by the Board of Studies as HSC courses. They contribute to the students’ HSC but not to the ATAR.

Assessments are purely competency based and there is no HSC examination.

These courses include:
- Furniture Making
- Sport Coaching

Assessment of VET Courses
VET courses are competency based. This requires a focus on students developing the required skills and knowledge within each unit of competency. Students must demonstrate to a qualified assessor that they can effectively carry out the various tasks to the standard required in the appropriate industry to be assessed as competent.

Work Placement
Students in the Industry Curriculum Framework courses and Sport Coaching have a BOSTES mandatory work placement component. For each year of study (120 hours), a minimum of 35 hours work placement must be completed. Failure to complete the mandatory work placement will result in the student not being eligible for the HSC result in the course.

Recognition
As Nationally Recognised Training qualifications, all VET courses offered at SFX are recognised by TAFE and other Registered Training Providers for further study.

Benefits of VET
Vocational Education and Training subjects are accessible to all students and have a good mix of practical and theory content.

The courses have real world application and for the majority of students have direct application to post-school career pathways or provide skills and knowledge which transfers across into broader career applications.

For ICF courses, the dual accreditation means students can cover both TAFE and University entrance requirements.

The courses may also be credited against a related traineeship or apprenticeship.

Contact for VET course information

School Based Traineeships may be available in most VET courses.
Contact person for traineeships is Mrs Julie McLoughlin
julie.mcloughlin@mn.catholic.edu.au
ST FRANCIS XAVIER’S COLLEGE

BUSINESS SERVICES
Certificate II in Business BSB20115

Course Description
This course provides students with entry level office skills, suitable for clerical or administrative work. Business Services includes functions related to management and administration; human resource management; accounting; finance and client services. Students develop skills in arrange of administrative and business technology Employment opportunities are diverse and there are skills shortages in many of the specialist areas.

This course would suit students who are interested in any career associated with business administration

Course Information

<table>
<thead>
<tr>
<th>Course recognition</th>
<th>This course is dual accredited ie it contributes to the HSC as well as an AQF qualification recognised by industry.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>2 years</td>
</tr>
<tr>
<td>Unit Value &amp; hours</td>
<td>240 hour course - 2Unit Preliminary &amp; 2Unit HSC</td>
</tr>
<tr>
<td>Category</td>
<td>Category B and counts towards your HSC</td>
</tr>
<tr>
<td>HSC exam: 2 hours</td>
<td>Optional but mandatory for inclusion in ATAR</td>
</tr>
<tr>
<td>Work Placement</td>
<td>Mandatory 35 hours each year</td>
</tr>
</tbody>
</table>

Specialisation Year 12
The 60hr course will contribute as a 1 Unit in the HSC Year.

Assessment
Strategies used for assessment of competence include:
Demonstration of skills, written reports and projects, integrated practical tasks, role play simulations

NOTE: Only 2 Units of Category B subjects can be counted towards the ATAR.

Costs

<table>
<thead>
<tr>
<th></th>
<th>Year 11 2017</th>
<th>Year 12 2018</th>
<th>First Aid 2018</th>
<th>Work Placement 2017 &amp; 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costs</td>
<td>$80.00 pa</td>
<td>$80.00 pa</td>
<td>$70</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

Course Contact
Mrs Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au
Possible Career Paths

- Bricklaying
- Carpentry
- Concreting
- Consulting
- Contracting
- Draining
- Estimating
- Glazing
- Joinery
- Painting and Decorating
- Plastering
- Plumbing
- Project Management
- Quantity Surveying
- Rigging
- Roofing
- Shop fitting
- Steel Reinforcing
- Tiling

Course Description

In the construction industry students can gain skills in building, Work Health & Safety requirements, contracting and quoting, designing and managing projects and dealing with clients, workers and professionals. It addresses skills in handling tools, measurement and calculations, reading and interpreting plans, working sustainably in the construction and associated fields and handling construction materials.

This course provides training in general construction and covers a range of skills and knowledge appropriate for entry level into this industry. At the completion of this course students are well qualified for numerous entry level positions in the building and construction industry and with a suitable ATAR pathway, towards courses such as Construction Management.

Course Information

- **Course recognition**: This course is dual accredited, i.e., it contributes to the HSC as well as an AQF qualification recognised by industry.
- **Duration**: 2 years
- **Unit Value & hours**: 240 hour course – 2 Unit Preliminary & 2 Unit HSC
- **Category**: Category B and counts towards your HSC
- **HSC exam**: 2 hours – Optional but mandatory for inclusion in ATAR
- **Work Placement**: Mandatory 35 hours each year

As part of this course students must undertake the WH&S General Induction for Construction Work. This is delivered as part of the Construction course and Work Cover will credit students who successfully complete the course. It is **mandatory** that all students complete this course prior to work placement. The WH&S General Induction allows students to work on a construction site.

Assessment

Competence is determined by demonstration of skills and knowledge applied in a range of projects and may include oral, practical and written tasks.

**Note**: Only 2 Units of Category B subjects can be counted towards the ATAR.

Costs

<table>
<thead>
<tr>
<th></th>
<th>Year 11 2017</th>
<th>Year 12 2018</th>
<th>White Card Year 11 only</th>
<th>Work Placement 2017 &amp; 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Costs</strong></td>
<td>$150.00 pa</td>
<td>$150.00 pa</td>
<td>$75</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

Course Contact

Mrs Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au
ENTERTAINMENT
A Statement of Attainment towards a Certificate III in Live Production and Services CUA30415

Possible Career Paths
Sales/Merchandising
Front & House Manager
Lighting Technician
Vision Technician
Sound Technician
Make Up Artist
Costume Maker
Scenic Artist
Set Maker
Props Designer
Designer
Technical Supervisor
Stage Manager
Resource Manager
Marketing and Promotions Specialist
Event Coordinator
Tour Manager
Programming Manager
Roadie

Course Description
The Entertainment course offers training opportunities to people who are interested in the staging; technical operations and organisation of live productions, performances and events.

The course provides training in a wide range of duties such as lighting and audio visual operations; staging; front of house; Work Health & Safety; stage management dealing with patrons and professionals and maintaining costumes; sets and props.

The framework is designed to enable students to acquire a range of technical practical, personal and organisational skills and knowledge related to working employment and further training within the Entertainment Industry sector.

Course Information

<table>
<thead>
<tr>
<th>Course recognition</th>
<th>The course is dual accredited i.e. it contributes to the HSC as well as an AQF qualification recognised by industry.</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

Specialisation Year 12
Will be available by arrangement. This 60 hr specialisation in a student’s course of study enables the opportunity to gain the full Certificate III in Entertainment. It will also contribute as a 1 Unit in the HSC Year.

Assessment
The course is competency based and will be assessed using oral, practical and written assessment methods. Projects may be undertaken as a group or as individual tasks.

The work placement is a contributing and mandatory part of the assessment. As the entertainment industry is mostly performance and event based, work placement is frequently completed on a cumulative basis. Students will often attend various entertainment venues and opportunities as they arise and collect hours accordingly. This may involve out of normal school hours commitment.

Note: Only 2 Units of Category B subjects can be counted towards the ATAR.

Costs

<table>
<thead>
<tr>
<th>Year 11 2017</th>
<th>Year 12 2018</th>
<th>First Aid 2018</th>
<th>White Card Year 11 only</th>
<th>Work Placement 2017 &amp; 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>$150.00 pa</td>
<td>$150.00 pa</td>
<td>$70.00</td>
<td>$75</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

Course Contact
Mrs Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au
Industry Curriculum Framework Vocational Education and Training Course

ST FRANCIS XAVIER’S COLLEGE

HOSPITALITY
Certificate II in Kitchen Operations SIT20312

Possible Career Paths
- Conference Manager
- Events Coordinator
- Food & Beverage Manager
- Chef/Cook
- Front Office Receptionist
- Group Tour Coordinator
- Hotel/Motel Manager
- Housekeeper
- Sales & Marketing Manager
- Waiter
- Pastry Chef

Course Description
The Hospitality course is closely aligned with the Tourism industry and contributes significantly to the Australian economy and employs a large percentage of the working population in both full-time and part-time positions.

It is currently identified as a skill shortage industry. Skills competency is aimed at students being able to undertake duties in safe and hygienic food preparation and handling, communication with team members in hospitality back of house or tourism fields

Course Information
<table>
<thead>
<tr>
<th>Course recognition</th>
<th>The course is dual accredited ie it contributes to the HSC as well as an AQF qualification recognised by industry.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>2 years</td>
</tr>
<tr>
<td>Unit Value &amp; hours</td>
<td>240hour course - 2Unit Preliminary &amp; 2Unit HSC</td>
</tr>
<tr>
<td>Category</td>
<td>Category B and counts towards your HSC</td>
</tr>
<tr>
<td>HSC exam: 2 hours</td>
<td>Optional but mandatory for inclusion in ATAR</td>
</tr>
<tr>
<td>Work Placement</td>
<td>Mandatory 35 hours each year</td>
</tr>
</tbody>
</table>

Assessment
The course is competency based and will be assessed using oral, practical and written assessment methods and complete projects both as member of a team and individually.

All students in Hospitality undertake the First Aid Certificate.

Students are required to purchase a full apprentice chef’s uniform with fully enclosed firm leather upper shoes.

Note: Only 2 Units of Category B subjects can be counted towards the ATAR.

Costs

<table>
<thead>
<tr>
<th>Year</th>
<th>Year</th>
<th>First Aid</th>
<th>Work Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11</td>
<td>12</td>
<td>2017 &amp; 2018</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>2018</td>
<td>2018</td>
</tr>
<tr>
<td></td>
<td>$200.00 pa</td>
<td>$200.00 pa</td>
<td>$70.00 pa</td>
</tr>
</tbody>
</table>

Course Contact
Mrs Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au
Industry Curriculum Framework Vocational Education and Training Course

ST FRANCIS XAVIER’S COLLEGE

INFORMATION & DIGITAL TECHNOLOGY

A Statement of Attainment towards a Certificate III in Information, Digital Media & Technology

ICT30115

Course Description
Computers are in all industries and many advertised positions specify computing skills as a prerequisite. The Information Digital Media Technology (IDT) industry continues to be the fastest growing industry nationally and internationally.

This course would suit students interested in a career in the areas of computing multimedia hardware, software development, information systems, website development, and computer support. It will also support students interested in a variety of other careers that involve information technology including telecommunications, electrotechnology and small business operations. This course has a focus on the support and management of the use of information technology. It provides technical, business and interpersonal competencies such as installing software applications, operating computer hardware and software and workplace skills. At the end of this course students are well qualified for a number of introductory IDT roles and further study. IDT pairs well with Multi Media, IPT and SD&D and for students who have a career focus in this field.

Course Information

<table>
<thead>
<tr>
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<th>The course is dual accredited ie it contributes to the HSC as well as an AQF qualification recognised by industry.</th>
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<tbody>
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</tr>
<tr>
<td>Work Placement</td>
<td>Mandatory 35 hours each year</td>
</tr>
</tbody>
</table>

Assessment
Competence is determined by written tasks and a range of projects and practical tasks which demonstrate student knowledge and application of their skills.

Note: Only 2 Units of Category B subjects can be counted towards the ATAR.

Costs

<table>
<thead>
<tr>
<th>Year 11 2017</th>
<th>Year 12 2018</th>
<th>Work Placement 2017 &amp; 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100.00 pa</td>
<td>$100.00 pa</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

Course Contact
Mrs Rosemary Sheridan
Email: rosemarv.sheridan@mn.catholic.edu.au

Note: Cannot study Computer Applications with IDT.
Possible Career Paths

Boiler maker
Electrician
Draughtsperson
Engineer
Fitter
Instrument maker
Jeweller
Lift mechanic
Locksmith
Machinist
Metal Fabricator
Plumber
Printer
Refrigeration and air-conditioning mechanic
Sheet metal worker
Structural steel and welding worker
Toolmaker
Watch and clock maker

Course Description

The manufacturing, engineering and related service industries include a wide range of industry sectors. These industries are the largest provider of full time employment within NSW and employ approximately 170,000 people throughout the industries, 90% of these being full time positions.

This course is based on units of competency which have been developed by the metal, engineering and related service industries to describe the competencies, skills and knowledge required by workers in these industries as well as other trade pathways such as plumbing. At the completion of this course students are well qualified for a number of entry positions across numerous trades. Metal and Engineering is perfectly paired with courses such as Electrotechnology and Construction.

Course Information

<table>
<thead>
<tr>
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<tbody>
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</tr>
<tr>
<td>Work Placement</td>
<td>Mandatory 35 hours each year</td>
</tr>
</tbody>
</table>

Assessment

The course is competency based and will be assessed using oral, practical and written assessment methods. The HSC exam is optional in Metal & Engineering, but is mandatory for those students seeking an ATAR.

Students are required to supply overalls, steel capped boots, safety glasses, hearing protection and fabricator’s gloves.

Note: Only 2 Units of Category B subjects can be counted towards the ATAR.

Costs

<table>
<thead>
<tr>
<th>Year 11 2017</th>
<th>Year 12 2018</th>
<th>Work Placement 2017 &amp; 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>$200.00 pa</td>
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<td>$20.00 pa</td>
</tr>
</tbody>
</table>

Course Contact

Mrs Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au
Possible Career Paths

Advertising & Publicity
  Coordinator
  Buyer
Customer Service
  Assistant
Department Manager
Finance Manager
Store Manager
HR Manager
Marketing Manager
Merchandiser
Sales & Marketing Manager
Sales Personnel
Shop Assistant
Small Business Owner
Visual Merchandiser

ST FRANCIS XAVIER’S COLLEGE

RETAIL SERVICES
Certificate II in Retail Services SIR20216

Course Description
The Retail industry is the largest employer in Australia. Whatever products people want, use or need there will always be some aspect of the retail industry involved in the transfer of these products.

This course will develop student’s skills in customer service; operate retail equipment, developing sales and merchandising stock control and developing good communication skills and team work. It would suit students who are already working and interested in a career in the retail industry and other personal contact and service industries or who are seeking a traineeship or part time work in the retail industry. At the completion of the course, students are well qualified for a number of positions in the retail industry or are able to undertake further study or to advance their retail career.

Course Information

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

Assessment
The course is competency based and will be assessed using oral, practical and written assessment methods.

Note: Only 2 Units of Category B subjects can be counted towards the ATAR.

Costs

<table>
<thead>
<tr>
<th>Year 11 2017</th>
<th>Year 12 2018</th>
<th>Work Placement 2017 &amp; 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>$120.00 pa</td>
<td>$120.00 pa</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

Course Contact
Mrs Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au
## BOARD ENDORSED COURSES

**Contributes to HSC Credential**
**DOES NOT contribute to an ATAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catholic Studies 1 Unit</td>
<td>51</td>
</tr>
<tr>
<td>Computing Applications 1 Unit</td>
<td>52</td>
</tr>
<tr>
<td>English Studies 2 Unit</td>
<td>53</td>
</tr>
<tr>
<td>Exploring Early Childhood 1 Unit</td>
<td>54</td>
</tr>
<tr>
<td>Marine Studies 1 Unit</td>
<td>55</td>
</tr>
<tr>
<td>Photography 1 Unit</td>
<td>56</td>
</tr>
<tr>
<td>Sport Lifestyle &amp; Recreation 1 Unit</td>
<td>57</td>
</tr>
</tbody>
</table>

The following course is only available in the Preliminary Year and **DOES NOT contribute to an ATAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Fundamentals 1 Unit</td>
<td>58</td>
</tr>
</tbody>
</table>
Introduction

Catholic Studies is a 1 Unit Board Endorsed Course and is studied over Years 11 and 12. The Course offers a coherent and systematic study of the Church and its relationship with other traditions.

The Course aims to provide the opportunity for students to:
- Find meaning and interest in learning about the story and teachings of the Catholic tradition.
- Be more reflective and articulate about the Catholic tradition and its place within the religious and cultural diversity of Australian society.
- Become informed participants in the Catholic Church community.
- Know and integrate Gospel values in everyday life.

For Whom is the Subject Intended?

Religion is compulsory for all students in Years 11 and 12.

This Board Endorsed Course is intended for students who do not propose to pursue tertiary studies. The course emphasises Catholic perspectives, and allows for comparison with other religious traditions and forms of spirituality. Students who choose this course should have an interest in these areas and be prepared to engage in discussions, use technology and complete short written activities to develop their knowledge and understanding.

Pre-Requisites
NIL

Content

Preliminary Year and HSC Year

Note that the Year 12 Retreat is an integral part of this course.

Preliminary Course
- Search for Meaning
- Jesus the Christ
- Biblical Studies
- Understanding Catholicism

HSC Course
- Peace & Justice Studies
- Contemporary Moral Issues
- Religion & Science
- Catholic Philosophy

Assessment

This course has assessment types mandated for each topic. In Year 11 there will be two in class tasks and a final Preliminary examination. As Catholic Studies is a Board Endorsed Course, there is no external HSC examination. Participation in classwork, discussions and formative tasks will also be used in assessing the student’s performance.

Component/Weighting

Knowledge and Understanding 100%

The students DO NOT sit for an external HSC Examination, as all assessment is school-based.

Costs

Subject costs are included in the College Resource Fee.

Other Costs: Excursions and/or guest speakers will be organised when deemed appropriate to the Course. These costs are kept to a minimum.

Contact Person

Ministry Coordinator: Miss Melissa Asquith
Email: melissa.asquith@mn.catholic.edu.au
Computing Applications 1 Unit

Contributes to HSC Credential
DOES NOT contribute to an ATAR

Introduction
This Course cannot be used for admission to university courses. It is a Course which enables students to develop familiarity with common software packages.

This Course allows students to study aspects of computing they find interesting, and may be used as a general introduction to computing. It will help develop students’ technological literacy and will assist them in other courses they may be studying. Students will produce a efolio of work that they can use to help gain employment in the future. This is a basic course which may also be undertaken by those interested in gaining basic competency skills.

For Whom is the Subject Intended?
This is a highly flexible student-centred course based around computers.

This course is being offered as a 1 Unit course in the Preliminary Year with the potential to continue and do a further 1 Unit in the HSC Year.

Pre-Requisites
NIL

Content
Students study four modules for each unit in this course.
1 Unit = four modules.
2 Unit = eight modules.

- Hardware and software skills
- Graphics/ Photo editing
- Advanced graphic editing
- Animation
- Video Production
- Website Development
- Microsoft Office Skills
- Web 2.0 Skills and Projects
- Use Adobe Creative Suite Master Collection Software

Assessment
This Course is assessed internally with 40% coming from written tests on theory and 60% from practical tasks relating to the modules students are taking.

Exclusions
This Course cannot be taken in association with any other computing course including:
- Information Processes Technology 2 Units
- Software Design and Development 2 Units
- Information Technology 2 Units VET

Costs
Subject Costs are included in the College Resource Fee.

Contact Person
Studies Coordinator: Mrs Patricia Stallard
Email: patricia.stallard@mn.catholic.edu.au

NOTE
There is NO guarantee that this course will continue in the HSC year. Continuance is dependent on student numbers and staff availability.
English Studies 2 Unit
Contributes to HSC Credential
DOES NOT contribute to an ATAR

Introduction
The aim of English Studies is to enable students to understand, use, enjoy and value the English language in its various textual forms and to become thoughtful, imaginative and effective communicators in a diverse and changing society. English Studies is designed to support students in developing proficiency in English to enhance their personal, social and vocational lives.

For Whom is the Subject Intended?
English Studies addresses the needs of a specific group of students who wish to complete and be awarded a Higher School Certificate but who are seeking an alternative to the current Standard English course.

Students in this course are NOT eligible for an ATAR.

Pre-Requisites
Students who have a vocational direction other than university directly from school OR students who are likely to attain a Grade D or E in Stage 5 are advised to study the English Studies Course.

Content
Students will study ONE mandatory module in each of the Preliminary and HSC years:
- Careers and Community is mandatory in the Preliminary course.
- We are Australians - English in Citizenship, Community and Cultural Identity is mandatory in the HSC.

Additional modules are selected based on students’ needs, interests, abilities, career aspirations and personal circumstances. A total of three to five modules (including the mandatory module) will be studied in the Preliminary course, and a total of three to five different modules (including the mandatory module) will be studied in the HSC course.

Assessment
There is no external examination of students in the English Studies Board Endorsed Course.

The HSC mark is based on school based assessment and provides a measure of a student’s achievement based on the range of syllabus content and outcomes. A variety of tasks, with flexibility in the design, are used to give students the opportunity to demonstrate outcomes in different ways.

Examples of the types of tasks include mock job interviews, letters, reports, reviews and multi-modal texts such as power points.

Tasks are design to develop the skills students will need at work.

Costs
Subject costs are included in the College Resource Fee.

Other costs may include excursions or project items but these costs will be minimal.

Contact Person
Studies Coordinator: Mrs Carole Houston
Email: carole.houston@mn.catholic.edu.au
Exploring Early Childhood 1 Unit

Contributes to HSC Credential
DOES NOT contribute to an ATAR

Introduction
Exploring Early Childhood is a Content Endorsed Course offered as a 1 Unit subject in both the Preliminary and HSC years.

This Course has both practical and theoretical components. Students will develop understanding and awareness of the growth, development and learning of young children. Through gaining recognition of the uniqueness of all children, students will have the opportunity to reflect upon potential implications for themselves as parents or carers of children.

The Course does not contribute to an ATAR.

For Whom is the Subject Intended?
This subject presents many possibilities for students who have interest in, or who wish to work in, childcare services via further study at both TAFE and university.

Pre-Requisites
There are NO pre-requisites for this course.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Play and the Developing Child</strong></td>
</tr>
<tr>
<td>Defining play, Learning through play, Investigating Play Issues and factors influencing play, Contemporary issues.</td>
</tr>
<tr>
<td><strong>Starting School</strong></td>
</tr>
<tr>
<td>Transitions, Kindergarten, Curriculum, Contemporary Issues.</td>
</tr>
<tr>
<td><strong>Child Health and Safety</strong></td>
</tr>
<tr>
<td>Safety in the home, Maintaining environments, Toys and Play equipment, Road and outdoor safety, First Aid, Contemporary Issues.</td>
</tr>
<tr>
<td><strong>Historical and Cultural Contexts of Childhood</strong></td>
</tr>
<tr>
<td>History of childhood, Growing up in Australia, Childhood memories, Culture, Individual families, Multicultural society, Contemporary issues.</td>
</tr>
</tbody>
</table>

Assessment
There is no external HSC examination for this Course – it does not contribute to an ATAR. The HSC Assessment Mark will appear on the student’s HSC.

Student assessment throughout the Preliminary and HSC Courses will reflect the extent to which each student has achieved the Course objectives and outcomes. Assessment Tasks include school-based examinations, projects and reports.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: Projects, materials and excursions are to be covered by students when required. These costs are kept to a minimum.

Contact Person
Studies Coordinator: Mr Chris Henry
Email: chris.henry@mn.catholic.edu.au

NOTE
There is NO guarantee that this course will continue in the HSC year. Continuance is dependent on student numbers and staff availability.
Marine Studies 1 Unit
Contributes to HSC Credential
DOES NOT contribute to an ATAR

Introduction
This Course cannot be used for university entrance. It is a Course that explores numerous aspects of the marine environment and our interaction with it. It is not examined at the HSC.

For Whom is the Subject Intended?
It is most suited to students with the following interests:
- Vocational – tourism, merchant or Australian Navy, seafood catering, boating, etc.
- Environment – both local and global issues, attitudes to conservation.
- Recreational – water sports, development of knowledge and skills in the use of associated equipment.
- Technical – design, manufacture and evaluation of equipment and technique used in the different
- Marine associated industries.

Co-Requisites
There are co-requisites for this Course in addition to an interest in the area of study.
- Able to swim 200 metres in 5 minutes.
- Tread water/float for 10 minutes.
- Successfully complete resuscitation course.

Course Structure

<table>
<thead>
<tr>
<th>Units and Years of Study</th>
<th>Number of Hours</th>
<th>Preliminary</th>
<th>Number of Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 unit / 1 year</td>
<td>60</td>
<td>60 hours (two periods each week)</td>
<td>30 hour Core and 30 hours of optional modules</td>
</tr>
</tbody>
</table>

Content

Preliminary Year

<table>
<thead>
<tr>
<th>Core Units (30 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Marine Environment</td>
</tr>
<tr>
<td>First Aid/Resuscitation</td>
</tr>
<tr>
<td>Local Area Study</td>
</tr>
<tr>
<td>Humans in the Water</td>
</tr>
<tr>
<td>Life in the Sea</td>
</tr>
</tbody>
</table>

Select additional units from the following list:

Optional Units (30 hours)

These will be selected from Modules. Final selection will depend upon student interest, staff expertise and available resources. They include:
- Skindiving and Diving Science
- Resuscitation Certificate
- Dangerous Marine Creatures
- Coastal Studies
- Local Area Study
- Personal Interest Project

Assessment
Assessment is school-based as follows:

Preliminary Course (Year 11)
- Two examinations – Mid Course and End of Course Examination.
- Demonstrate competency in swimming and Resuscitation.
- One assessment related to the skills developed in the course.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: Students will be expected to meet costs associated with excursions and practicals. The extent of these will depend on the modules chosen. Costs are kept to a minimum. (Approximately $40.00)

Contact Person
Studies Coordinator: Mr Peter Brown
Email: peter.brown@mn.catholic.edu.au

NOTE
There is NO guarantee that this course will continue in the HSC year. Continuance is dependent on student numbers and staff availability.
Photography 1 Unit
Contributes to HSC Credential
DOES NOT contribute to an ATAR

Introduction
This Course cannot be used for admission to university courses. It is a Course designed as a practical Introduction to Photography. It covers the basics of camera operation, techniques of photography, developing your own photos and artistic considerations. These components are covered in both the Preliminary and HSC courses. The primary emphasis will be on Digital Photography. Continuation of the course in the HSC year will be dependent on student numbers.

For Whom is the Subject Intended?
Photography is intended for students with an interest in the practical nature of photography and a desire to further these skills.

Students should realise they will be given clear guidelines about the content of their photographs for Assessment Tasks but are encouraged to further their own skills. The Course can lead to further studies at TAFE.

Special Note
Extension of course into Year 12 Photography is dependent on student numbers.

Content

Preliminary Year and HSC Year
Note that students are required to maintain a photographic journal.

Preliminary Course

- Introduction to Photography - Composition - Portraits
- Thematic Studies – Appropriation
- Workplace Health & Safety

HSC Course

Students may extend their studies and cover the following content.
- Special Effects and Manipulated Images - Digital
- Work of Famous Photographers – Analysis of the Frames eg Postmodern (Digital Unit)

Assessment
There is no HSC examination in this subject as it is a School Developed Course. An Assessment mark will appear on the student’s Record of Achievement. In both the Preliminary and HSC Year the Assessment Tasks will reflect the following weightings:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weighting %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Making</td>
<td>70%</td>
</tr>
<tr>
<td>Critical and Historical Studies</td>
<td>30%</td>
</tr>
</tbody>
</table>

Preliminary Course

<table>
<thead>
<tr>
<th>Module</th>
<th>Weighting</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Practice Digital</td>
<td>30%</td>
<td>Portraits</td>
</tr>
<tr>
<td>History of Photography</td>
<td>30%</td>
<td>Analyse images using the frames</td>
</tr>
<tr>
<td>Developing and Point of View</td>
<td>40%</td>
<td>Appropriate the work of famous photographers and submit digital images</td>
</tr>
</tbody>
</table>

HSC Course

<table>
<thead>
<tr>
<th>Module</th>
<th>Weighting</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arranged Image</td>
<td>30%</td>
<td>Submit photographs of Coastal Scenes</td>
</tr>
<tr>
<td>Analysis of Photographic Image Frames / short answer responses</td>
<td>30%</td>
<td>Analysis of Photographic Image Frames / short answer responses</td>
</tr>
<tr>
<td>Manipulated Image</td>
<td>40%</td>
<td>Submit original CD cover in digital form</td>
</tr>
</tbody>
</table>

Costs
Subject Costs are included in the College Resource Fee.

Other Costs: Cost for photographic material, are kept to a minimum.

Contact Person
Studies Coordinator: Mr Patrick Campbell
Email: patrick.campbell@mn.catholic.edu.au

NOTE - There is NO guarantee that this course will continue in the HSC year. Continuance is dependent on student numbers and staff availability.
Sport, Lifestyle & Recreation 1 Unit

Contributes to HSC Credential
DOES NOT contribute to an ATAR

Introduction
Sport, Lifestyle and Recreation aims to develop knowledge, understanding and skills needed to adopt active and health-promoting lifestyles. It is a Content Endorsed Course offered as a 1 Unit subject in both the Preliminary and HSC years. The course has a greater emphasis on practical participation than the 2 Unit PDHPE Course.

The Course does not contribute to an ATAR.

For Whom is the Subject Intended?
Sport, Lifestyle and Recreation is suited to students who are interested in health, physical activity and performance. It meets the needs of the increasing number of students completing senior school who require a single unit course to finalise their suite of subjects.

This Course provides an alternative to the more academically demanding 2 Unit PDHPE Course, but may also be studied in addition to that Course. This allows students with strong interests in this area to supplement their study of the 2 Unit Course with further related theoretical, and particularly, practical experiences.

Pre-Requisites
There are NO formal pre-requisites for this Course, however students should not select it unless they are prepared to fully involve themselves in scheduled practical lessons.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Games and Sports Applications I</strong></td>
</tr>
<tr>
<td>Includes activities where players share space. Defence involves contact, blocking passage of movement and interception e.g. Netball, Soccer, Touch, Team Handball.</td>
</tr>
<tr>
<td><strong>Social Perspectives of Games and Sports</strong></td>
</tr>
<tr>
<td>Sport in society, Media, Economics, Drugs in Sport, Careers.</td>
</tr>
<tr>
<td><strong>Games and Sports applications II</strong></td>
</tr>
<tr>
<td>Includes games where players occupy space critical to opponent, contact and blocking don’t generally occur e.g. Cricket, Volleyball, Tennis.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resistance Training</strong></td>
</tr>
<tr>
<td>Uses of Resistance Training, Muscles of body, Training Methods, Programming.</td>
</tr>
<tr>
<td><strong>Outdoor Recreation</strong></td>
</tr>
<tr>
<td>Opportunities, Skills, Environmental Considerations, Planning</td>
</tr>
<tr>
<td><strong>Sports Coaching and Training</strong></td>
</tr>
<tr>
<td>Roles and Responsibilities, Aspects of a Coaching Session, Psychology, Coaching Programs.</td>
</tr>
</tbody>
</table>

Assessment
Assessment in both Courses will involve research and practical reports, planning tasks and formal school-based examinations. Emphasis will be on both knowledge and skills. **There is no HSC exam.** A student’s HSC Assessment Mark appears on their HSC.

Equipment
Students require suitable attire for practical sessions, including appropriate footwear, shorts, T-shirts and hats. Students should wear the College sports uniform when practical lessons are scheduled.

Costs
Subject Costs are included in the College Resource Fee.

Other Costs: Minor transport and court hire costs will be required in relation to some practical modules. Costs are kept to a minimum.

Contact Person
Studies Coordinator: Mr Chris Henry
Email: chris.henry@mn.catholic.edu.au

NOTE
There is NO guarantee that this course will continue in the HSC year. Continuance is dependent on student numbers and staff availability.
English Fundamentals 1 Unit

This course is ONLY available in the Preliminary Year and DOES NOT contribute to an ATAR

Introduction
St Francis Xavier's College offers English Fundamentals as a 1 unit course in the Preliminary Year.

The course offers support to students who need to develop knowledge, skills and understanding to assist them in their study and use of English. It is completed in addition to the Standard English Course.

For Whom is the Subject Intended?
The English Fundamentals Course is designed for students who struggle with language and who need additional intensive assistance to achieve the outcomes of the Standard English course.

The English Fundamentals Course addresses the literacy needs of students undertaking the course and assists students to use the English language effectively in their study and for vocational and other purposes.

Students who have struggled in Stage 5 and achieved a D or E may consider studying English Fundamentals in addition to the Standard English Course.

Content

Preliminary Year
Students will undertake three modules.

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module A</td>
<td>Approaches to Areas of Study in English</td>
<td>Compulsory</td>
</tr>
<tr>
<td>Module E</td>
<td>Workplace Communications</td>
<td>Optional</td>
</tr>
<tr>
<td>Module C</td>
<td>Writing for Study</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Assessment
Students in this course will not be formally assessed or ranked but will complete a series of competency exercises. Competency Certificates will be gained at the end of each term.

Costs
Subject costs are included in the College Resource Fee.

Other Costs: excursion and/ or project costs are kept to a minimum.

Contact Person
Studies Coordinator: Mrs Carole Houston
Email: carole.houston@mn.catholic.edu.au
Vocational Education & Training (VET Courses)
Board Endorsed Courses
HSC Credential

Furniture Making (VET): Certificate II in Furniture Making  page 60
Sport Coaching (VET): Certificate II in Sport Coaching  page 61

EVET
Information for External Delivery of VET (EVET) for 2017  page 62
Possible Career Paths

Cabinetmaker  
Carpenter  
Furniture Finishers  
Furniture Polisher  
Joiner  
Picture Framer  
Upholster  
Wood Machinist  
Wood Turner

EXCLUSION
This course CANNOT be studied in conjunction with Industrial Technology – Timber Products & Furniture Technologies.

ST FRANCIS XAVIER’S COLLEGE

Vocational Education and Training Course (Board Endorsed Course)

FURNITURE MAKING
Certificate II in Furniture Making MSF20313

Course Description
This course does not contribute towards an ATAR. Furniture Making is a Vocational Board Endorsed Course designed to enable students to acquire a range of skills and competencies that are valued and recognised in the furnishings industry.

This course would suit students who are interested in a career in furnishings, furniture, glazing, carpentry, joiner, cabinet making and related industries. Students may also wish to complete this course for general interest as it provides practical skills and training in workshop and equipment use.

At the completion of this course, students will be well suited to a number of wood related industries including those in the building, construction and manufacturing industries.

Furniture Making is perfectly paired with courses such as Construction.

Course Information

<table>
<thead>
<tr>
<th>Course recognition</th>
<th>The course is dual accredited ie it contributes to the HSC as well as an AQF qualification recognised by industry.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>2 years</td>
</tr>
<tr>
<td>Unit Value &amp; hours</td>
<td>240 hour course - 2 Unit Preliminary &amp; 2 Unit HSC</td>
</tr>
<tr>
<td>Category</td>
<td>Category B and counts towards your HSC</td>
</tr>
<tr>
<td>HSC exam</td>
<td>Does not have an HSC exam</td>
</tr>
<tr>
<td>Does not contribute towards your ATAR</td>
<td></td>
</tr>
</tbody>
</table>
| Work Placement     | No mandatory Workplacement  
Optional Workplacement is available |

Assessment
This course is competency based and will be assessed using a variety of methods such as observation, demonstration, testing, questioning, scenarios and practicals.

Costs

<table>
<thead>
<tr>
<th>Year 11 2017</th>
<th>Year 12 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>$150.00 pa</td>
<td>$150.00 pa</td>
</tr>
</tbody>
</table>

Course Contact
Mrs Rosemary Sheridan  
Email: rosemary.sheridan@mn.catholic.edu.au
Vocational Education and Training Course (Board Endorsed Course)

ST FRANCIS XAVIER’S COLLEGE

SPORT COACHING
Certificate II Sport Coaching SIS20513

Course Description
This course does not contribute towards an ATAR. Sport Coaching is a Vocational Board Endorsed Course designed to enable students to acquire a range of skills and competencies that are valued and recognised in the sport and recreation industry. The course is based on units of competency which have been developed for people wishing to enter the sport and recreation industry.

Main topics covered include:
- Sport Coaching: coaching styles and practices; preparing and conducting sessions
- Practical skills: may include a range of sports including Touch Football, Rugby League and Netball
- Careers in Sport, including Refereeing and Officiating
- Business and Sports Administration
- Communication in the workplace
- Work, Health and Safety and First Aid
- Sports Medicine
- Sports Nutrition – Meal Preparation

Course Information

<table>
<thead>
<tr>
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<th>The course is dual accredited and contributes to the HSC as well as an AQF qualification recognised by industry.</th>
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<td>Category B and counts towards your HSC</td>
</tr>
<tr>
<td>HSC exam</td>
<td>Does not have an HSC exam</td>
</tr>
<tr>
<td>Work Placement</td>
<td>Mandatory Workplacement of 35 hours per year</td>
</tr>
</tbody>
</table>

Assessment
This course is competency based and will be assessed using oral, practical and written assessment methods.

Costs

<table>
<thead>
<tr>
<th>Year 11 2017</th>
<th>Year 12 2018</th>
<th>First Aid 2018</th>
<th>Work Placement 2017 &amp; 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100 pa</td>
<td>$100 pa</td>
<td>$70.00 pa</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

Course Contact
Mrs Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au
**External delivery of VET (EVET)**

**Changes** to existing processes for (EVET) previously known as TAFE Delivered VET or Private Provider Delivery

**Change to External VET Courses**

The Department of Education is currently undertaking a procurement process for selecting and engaging external Registered Training Organisations (RTOs) for all external delivery of BOSTES VET courses for Stage 5 and 6 students. This includes all courses currently delivered by TAFE NSW and private RTOs.

The application process for identifying the providers and the courses to be offered, will be finalised by the end of Term 2 and course information and the application process will be made available to students as a separate process at the time of subject selection.

**Subject Selection**

Schools may be receiving marketing material from RTOs, including TAFE NSW. This is outside the EVET procurement process. For the purposes of subject selection, course information for any current BOSTES developed or endorsed VET course may be provided to students. As has always been the case with external VET delivery, there is no guarantee that a course will ultimately proceed, as viability will be determined by student demand and within a defined budget. There will be direct consultation with schools to ensure that individual student needs are being addressed.

Please note that **current students who are continuing** in the same TVET course or with a private provider in 2017 will not be affected by this change.

Once the final list of providers and the courses which they are contracted to deliver is available, the College will provide to students, information and enrolment processes for these external courses.

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For any enquiries regarding the EVET program please contact
Mrs Julie McLoughlin
Email: julie.mcloughlin@mn.catholic.edu.au
Stage 6 Life Skills
St Francis Xavier’s College

Stage 6 Life Skills recognises the principle that the post-compulsory years of schooling should cater for all students who choose to participate.

The Stage 6 Life Skills courses stress the application of knowledge, understanding, skills, values and attitude to a range of environments that will be accessed by students with special education needs.

This is an alternate program of studies for students with special learning needs. Applicants for this program are required to have their learning needs assessed.

Courses currently offered:
- Creative Arts Life Skills
- English Life Skills
- HSIE Life Skills
- Mathematics Life Skills
- Technology Life Skills
- Work and the Community Life Skills

*Please refer to next page for more information.*
**Stage 6 Life Skills**

**Introduction**
A Life Skills Syllabus - Stage 6 is directed towards students for whom a regular course of study is inappropriate. The subjects presented within Life Skills consist primarily of NSW BOSTES Developed Life Skills courses. Students will normally enter a Stage 6 Life Skills Program at Year 11 and complete it at the end of Year 12. Students who complete both the Year 11 Preliminary course of study as well as the Year 12 Higher School Certificate course will receive a full Higher School Certificate testamur together with the related Record of Achievement. Students who complete the Preliminary Year 11 course will only receive the Board of Studies Record of Achievement (ROSA).

**For Whom is the Program Intended?**
Courses followed within the Life Skills Program are designed with the special learning needs of students in mind. The BOSTES expects that, in most instances, enrolled students will be those who experience an intellectual disability. Life Skills maintain a strong focus on the development of vocational and independent living skills.

**Purpose of the Life Skills Program**
The purpose of Life Skills is to provide a relevant and functional program of transition from the school context to the post-school environment. In support of this, students may be expected to undertake Work Experience each year. Where appropriate, opportunities for TAFE study are available. Students will combine Life Skills subjects with a selection of mainstream subjects. Close consultation with the College is required when choosing mainstream courses.

**Program Pre-Requisites**
The NSW BOSTES expects that, in most instances, prospective students would have completed at least four Life Skills subjects during a Stage 5 course of study. Consideration for enrolment in Life Skills can also be given under special circumstances. An example of this is where a student has experienced significant difficulties in one or more Stage 5 subjects. Under Board guidelines, the student may then apply to enrol in a Life Skills Course for that subject(s) only and to follow a regular course of study in his or her remaining subjects. Enrolment is approved in consultation with College staff after an interview and psychological testing process.

**NB: Life Skills Subjects**
Each of these are 2 Unit Board Developed Courses
- Creative Arts Life Skills
- English Life Skills
- HSC Life Skills
- Mathematics Life Skills
- Technology Life Skills
- Work and the Community Life Skills

Whether the courses will run is dependent on student numbers. Students who have selected a Life Skill HSIE Course will cover the compulsory Catholic component of study required in Catholic Schools.

**Enrolment**
Enrolment in Life Skills subjects is made through application to the College. Parents will be individually notified of acceptance into Life Skills. A significant feature of Life Skills is the student’s Individual Planning Process. This process is based around a series of meetings, held at strategic points throughout both years of the program and involving key stakeholders in the student’s education. The student plays an important role in this process and is encouraged to take an active part in all decisions made. The first of these planning meetings usually occurs between May and July of the year prior to enrolment in the program. Prospective students are also invited and encouraged to visit the College during Term 4 prior to commencing as a component of their transition to the Senior College.

**Assessment**
Students undertaking Life Skills subjects will be assessed internally and in accordance with the assessment guidelines set by the NSW Board of Studies. The assessment process is built around achievement of outcomes set within the student’s Individual Planning Process. Students will satisfactorily complete a course of study if they apply themselves diligently and with sustained effort.

**Costs**
Subject Costs are included in the College Resource Fee. Other Costs: Students may need to purchase equipment or clothing for some work experience. Students will also be required to hold Work Experience Insurance. Regular community visits are an important part of this program and may incur a small cost from time to time, (eg: bus fare). For any extended excursions an additional cost will be applicable dependent upon transport and admission fees.

**Contact Person**
Ms Sascha Flick
Learning Support Coordinator
Email: sascha.flick@mn.catholic.edu.au
Please see below important dates for students entering the Preliminary Course (Year 11) in 2017. The Preliminary Course provides the foundational content and skills for the HSC and is therefore an important building block for a successful Higher School Certificate (HSC) Year. By providing these key dates well in advance it is expected that parents / guardians will support their child’s studies by planning and making arrangements for appointments and holidays in term breaks.

<table>
<thead>
<tr>
<th>Period</th>
<th>Key Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TERM 1</strong></td>
<td>Monday, 30 January</td>
<td>Year 11 commence at St Francis Xavier’s College Hamilton</td>
</tr>
<tr>
<td></td>
<td>Friday, 7 April</td>
<td>Last day of Term 1</td>
</tr>
<tr>
<td><strong>School Holidays</strong></td>
<td>Saturday, 8 April 2017 – Sunday, 23 April 2017</td>
<td></td>
</tr>
<tr>
<td><strong>TERM 2</strong></td>
<td>Monday, 24 April</td>
<td>Staff PD Day - Student Free Day</td>
</tr>
<tr>
<td></td>
<td>Tuesday, 25 April</td>
<td>ANZAC Day Holiday</td>
</tr>
<tr>
<td></td>
<td>Wednesday, 26 April</td>
<td>Students return to school</td>
</tr>
<tr>
<td></td>
<td>Monday, 22 May – Wednesday, 31 May</td>
<td>Year 11 Half Yearly Exams</td>
</tr>
<tr>
<td></td>
<td>Friday, 30 June</td>
<td>Last day of Term 2</td>
</tr>
<tr>
<td><strong>School Holidays</strong></td>
<td>Saturday, 1 July 2017 – Sunday, 16 July 2017</td>
<td></td>
</tr>
<tr>
<td><strong>TERM 3</strong></td>
<td>Monday, 17 July</td>
<td>1st Day of Term 3</td>
</tr>
<tr>
<td></td>
<td>Monday, 4 September – Thursday, 14 September</td>
<td>Final Examinations for Year 11</td>
</tr>
<tr>
<td></td>
<td>Friday, 15 September</td>
<td>Leadership 2017 Workshops in preparation to select 2018 College Leaders</td>
</tr>
<tr>
<td></td>
<td>Thursday, 21 September</td>
<td>Last Day of classes for Year 11</td>
</tr>
<tr>
<td><strong>School Holidays</strong></td>
<td>Saturday, 23 September 2017 – Sunday, 8 October 2017</td>
<td></td>
</tr>
<tr>
<td><strong>TERM 4</strong></td>
<td>Monday, 9 October</td>
<td>Term 4 commences Students commence their HSC 2018 courses and their HSC assessment tasks</td>
</tr>
</tbody>
</table>