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 ............. 20% of Course Time</td>
<td>Operations ....................... 25% of Course Time</td>
</tr>
<tr>
<td>Business Management .......... 40% of Course Time</td>
<td>Marketing .......................... 25% of Course Time</td>
</tr>
<tr>
<td>Business Planning ............... 40% of Course Time</td>
<td>Finance .......................... 25% of Course Time</td>
</tr>
<tr>
<td></td>
<td>Human Resources ................ 25% of Course 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: 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 work, 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>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Resource Management</td>
<td>20%</td>
</tr>
<tr>
<td>Individuals and Groups</td>
<td>40%</td>
</tr>
<tr>
<td>Families &amp; Communities</td>
<td>40%</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</td>
</tr>
<tr>
<td>Groups in Context</td>
</tr>
<tr>
<td>Parenting and Caring</td>
</tr>
<tr>
<td><strong>Option:</strong></td>
</tr>
<tr>
<td>Individuals and Work</td>
</tr>
<tr>
<td>OR Social Impact of Technology</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 Case Studies, 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: Chris Henry
Email: chris.henry@mn.catholic.edu.au

Witnessing Excellence, Generosity and Compassion shaped by the Catholic Tradition
Design & Technology
Multimedia Focus 2 Unit

ATAR Course

Introduction
Design & Technology allows students to understand technology and design and apply this knowledge creatively to specific design problems (challenges) through a series of projects.

It also seeks to develop students’ appreciation of the historical and cultural influences on design and the relationship between design, technology, society and the environment.

For Whom is the Subject Intended?
This is a course for designers of tomorrow. Design and Technology provides creative and innovative students with the opportunity to study design and production as they face design challenges. Students will be required to develop, manage and complete a major design project where a design folio and practical project are undertaken. This contributes to 60% of their final HSC result.

A student who wishes to pursue a career in the Multimedia and/or Graphic Design industry would benefit from studying this course.

This subject can provide fundamentals skills for future study at university and TAFE eg Design, Multimedia, Graphic Design, Information Digital Media and Technology, Visual Design, Visual Communication.

Pre-Requisites
Students DO NOT NEED to have previous experience in their chosen practical field, but it does assist them.

Content

Preliminary Year and HSC Year

Preliminary Course
Students will complete at least two minor design projects in the Preliminary Year, and the content area covers the following:

- design theory process and folio development
- manufacturing and Multimedia production in Multimedia
- study of practices in industry and enterprise
- researching and research methods
- computer-based technologies relevant for Multimedia ie Adobe Master Collection software
- safety in Multimedia

HSC Course
Students will complete a Major Project which contributes 60% of their final HSC result and content area covers the following:

Innovation and Emerging Technologies
- innovations in Multimedia
- intellectual property
- the study of emerging technologies in Multimedia Industry
- the impact of innovation(s) on Australian society

Assessment

Preliminary Course
- Two Design Projects – 50%
- Designer Case Study – 25%
- Exam – 25%

HSC Course

Internal Mark
- Innovation Research – 20%
- Major Project Proposal – 60%
- Exam – 20%

External Mark
- Major Design Project – 60%
- External Exam – 40%

Costs

Subject Cost: $100.00 pa

Other Costs: Excursions vary depending on changing exhibitions. Cost is kept to a minimum.

Contact Person

Studies Coordinator: Trish Stallard
Email: patricia.stallard@mn.catholic.edu.au
Design & Technology
Textiles 2 Unit

ATAR Course

Introduction
Design & Technology allows students to understand technology and design and apply this knowledge creatively to specific design problems (challenges) through a series of projects.

It also seeks to develop students’ appreciation of the historical and cultural influences on design and the relationship between design, technology, society and the environment.

For Whom is the Subject Intended?
This is a course for designers of tomorrow. Design and Technology provides creative and innovative students with the opportunity to study design and production as they face design challenges. Students will be required to develop, manage and complete a major design project where a design folio and practical project are undertaken. This contributes to 60% of their final HSC result.

This subject offers further credit in some courses at University and TAFE eg Design Fundamental and Fashion Production.

Pre-Requisites
Students DO NOT NEED to have previous experience in their chosen practical field, but it does assist them.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students will complete at least two minor design projects in the Preliminary Year, and the content area covers the following:</td>
</tr>
<tr>
<td>• design theory process and folio development</td>
</tr>
<tr>
<td>• manufacturing and production</td>
</tr>
<tr>
<td>• study of practices in industry and enterprise</td>
</tr>
<tr>
<td>• researching and research methods</td>
</tr>
<tr>
<td>• computer-based technologies</td>
</tr>
<tr>
<td>• safety</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students will complete a Major Project which contributes 60% of their final HSC result and content area covers the following:</td>
</tr>
<tr>
<td>Innovation and Emerging Technologies</td>
</tr>
<tr>
<td>• innovations</td>
</tr>
<tr>
<td>• intellectual property</td>
</tr>
<tr>
<td>• the study of emerging technologies</td>
</tr>
<tr>
<td>• the impact of innovation(s) on Australian society</td>
</tr>
</tbody>
</table>

Assessment
Preliminary Course
- Two Design Projects – 50%
- Designer Case Study – 25%
- Exam – 25%

HSC Course
Internal Mark
- Innovation Research – 20%
- Major Project Proposal – 60%
- Exam – 20%

External Mark
- Major Design Project – 60%
- External Exam – 40%

Exclusions
This course CANNOT be taken in association with Furnishings

Costs
Subject Cost: $100.00 pa
Other Costs: Excursions vary depending on changing exhibitions. Cost is kept to a minimum.

Contact Person
Studies Coordinator: Trish Stallard
Email: patricia.stallard@mn.catholic.edu.au
Design & Technology
Wood 2 Unit

ATAR Course

Introduction
Design & Technology allows students to understand technology and design and apply this knowledge creatively to specific design problems (challenges) through a series of projects.

It also seeks to develop students’ appreciation of the historical and cultural influences on design and the relationship between design, technology, society and the environment.

For Whom is the Subject Intended?
This is a course for designers of tomorrow. Design and Technology provides creative and innovative students with the opportunity to study design and production as they face design challenges. Students will be required to develop, manage and complete a major design project where a design folio and practical project are undertaken. This contributes to 60% of their final HSC result.

This subject can provide fundamental skills and knowledge for the study of Product & Industrial Design.

Pre-Requisites
Students DO NOT NEED to have previous experience in their chosen practical field, but it does assist them.

Content
Preliminary Year and HSC Year

Preliminary Course
Students will complete at least two minor design projects in the Preliminary Year, and the content area covers the following:
• design theory process and folio development
• manufacturing and production
• study of practices in industry and enterprise
• researching and research methods
• computer-based technologies
• safety

HSC Course
Students will complete a Major Project which contributes 60% of their final HSC result and content area covers the following:
Innovation and Emerging Technologies
• innovations
• intellectual property
• the study of emerging technologies
• the impact of innovation(s) on Australian society

Assessment
Preliminary Course
• Two Design Projects – 50%
• Designer Case Study – 25%
• Exam – 25%

HSC Course
Internal Mark
• Innovation Research – 20%
• Major Project Proposal – 60%
• Exam – 20%
External Mark
• Major Design Project – 60%
• External Exam – 40%

Exclusions
This course CANNOT be taken in association with Industrial Technology-Timber & Furniture Products.

Costs
Subject Cost: $100.00 pa

Other Costs: Excursions vary depending on changing exhibitions. Cost is kept to a minimum.

Contact Person
Studies Coordinator: Trish Stallard
Email: patricia.stallard@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 average or above average 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>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Improvisation, Playbuilding and Acting</td>
<td></td>
</tr>
<tr>
<td>• Elements of Production in Performance</td>
<td></td>
</tr>
<tr>
<td>• Theatrical Traditions and Performance Styles</td>
<td></td>
</tr>
</tbody>
</table>

| HSC Course                                                                 |      |
|• Group Presentation                                                           |      |
|• Individual Project                                                           |      |
|• Australian Drama and Theatre                                                 |      |
|• Studies in Drama and Theatre – Black Comedy                                  |      |

**Assessment**

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

<table>
<thead>
<tr>
<th>School Assessment for the HSC Year</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian Drama and World Drama</td>
<td></td>
</tr>
<tr>
<td>Performance Workshops…………………30% Weighting</td>
<td></td>
</tr>
<tr>
<td>Written Reflection……………………30% Weighting</td>
<td></td>
</tr>
<tr>
<td>Development - Group Performance …20% Weighting</td>
<td></td>
</tr>
<tr>
<td>Development - Individual Project…..20% Weighting</td>
<td></td>
</tr>
</tbody>
</table>

This will be implemented as follows:

<table>
<thead>
<tr>
<th>Marking</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performing</td>
<td>30%</td>
</tr>
<tr>
<td>Critically Studying</td>
<td>30%</td>
</tr>
</tbody>
</table>

Workshops will be 60% of Assessment Program.

**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: Patrick Campbell
Email: patrick.campbell@mn.catholic.edu.au

**Witnessing Excellence, Generosity and Compassion shaped by the Catholic Tradition**
Economics 2 Unit

ATAR Course

Introduction
Economics is 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 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

Preliminary Course
The preliminary course focuses on aspects of the economic behaviour of consumers, business and government, developing group skills. Six topics are studied.
- Introduction to Economics
- Economic Behaviour: Consumers and Firms
- The Market
- Labour Markets
- Financial Markets
- Government in the Economy

HSC Course
The HSC course examines the external framework in which the Australian economy operates with a focus on problems and issues. There are four topics.
- The Global Economy
- Australia’s Place in The Global Economy
- Economic issues
- Economic Policies and Management

Assessment
Assessment takes the form of the HSC examination of 3 hours duration. Internal assessment consists of formal examinations, such as the Trial HSC and tasks based on course work are submitted periodically throughout both Preliminary and HSC years. These tasks include research reports and stimulated based responses.

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: 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 Maths.

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: 65% - exams.
Two Engineering Reports Assessment: 15% and 20%.

HSC Exam
One paper of three hours.

Costs
Subject Costs are included in the College Resource Fee.

Contact Person
Studies Coordinator: Trish Stallard
Email: patricia.stallard@mn.catholic.edu.au
English Fundamentals 1 Unit
Non ATAR Course delivered as a 1 Unit in Year 11 Only

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 done in addition to the Standard English Course or English Studies.

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: Carole Houston
Email: carole.houston@mn.catholic.edu.au
English Standard 2 Unit

ATAR Course

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>
<th>HSC 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>
<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></td>
<td>• Prose Fiction</td>
</tr>
<tr>
<td></td>
<td>• Drama</td>
</tr>
<tr>
<td></td>
<td>• Poetry</td>
</tr>
<tr>
<td></td>
<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.

In the HSC Year students may be expected to purchase prescribed English texts through the College. Costs for each student will be estimated at the end of Term 3. This payment is tax deductible.

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: Carole Houston
Email: carole.houston@mn.catholic.edu.au
Introduction
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 English (Advanced) Course.

Content
Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Preliminary Advanced English course emphasises exploring the ways events, experiences, ideas, values and processes are represented in and through texts and an analysis of the ways in which texts reflect different attitudes and values.</td>
<td>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.</td>
</tr>
<tr>
<td>In the Preliminary Course students study:</td>
<td>For the HSC students study:</td>
</tr>
<tr>
<td>• Shakespearean Drama</td>
<td>At least five types of prescribed text, one drawn from EACH of the following:</td>
</tr>
<tr>
<td>• Prose Fiction</td>
<td>• Shakespearean drama</td>
</tr>
<tr>
<td>• Film</td>
<td>• Prose fiction</td>
</tr>
<tr>
<td>• Poetry</td>
<td>• Drama OR Film</td>
</tr>
<tr>
<td>• A range of non-fiction, media and multimedia texts</td>
<td>• Poetry</td>
</tr>
<tr>
<td></td>
<td>• Non-fiction OR media OR multimedia texts</td>
</tr>
</tbody>
</table>

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.

In the HSC Year students may be expected to purchase prescribed English texts through the College. Costs will be estimated at the end of Term 3 in the Preliminary course. This payment is tax deductible.

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: 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**

### Preliminary Course

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:
- Prose Fiction
- Poetry
- Non-fiction, media and multimedia texts
- Drama

### HSC Course 1

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:
- Drama
- Prose Fiction
- Poetry
- And a range of other media, film, multimodal and non-fiction texts as classroom learning experiences.

### HSC Course 2

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.

**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 Journal, and externally as a product.

**Note**

English Extension classes commence at 8am two mornings per week.

**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. Student 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: 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>
</tr>
<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.

**Contact Person**

Studies Coordinator: Trish Stallard
Email: patricia.stallard@mn.catholic.edu.au
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: 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.

You will need to have sound literacy skills, including good comprehension skills, entering Year 11, as you will be required to comprehend sources and express your ideas in writing. By Year 12 you 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.

Pre-Requisites

There are NO pre-requisites for this course.

Content

Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>A core section on Archaeology, and two or more depth studies. The likely ones for study in Year 11 include:</td>
</tr>
<tr>
<td>b) Egypt: Tutankhamen’s Tomb.</td>
</tr>
<tr>
<td>c) Angkor in Cambodia and/or Ancient Persia.</td>
</tr>
<tr>
<td>d) Aspects of Ancient Greece, the Aegean, and/or Rome.</td>
</tr>
<tr>
<td>e) The Celts in Europe.</td>
</tr>
</tbody>
</table>

HSC Course

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>There are four sections to be completed for the HSC. These will build on the work covered in Year 11. The sections are:</td>
</tr>
<tr>
<td>a) Compulsory Core Study: (Pompeii and Herculaneum)</td>
</tr>
<tr>
<td>b) One Ancient Society: (from ten choices, including Egypt, Persia, Assyria and Greece)</td>
</tr>
<tr>
<td>c) One Important Individual: (from Twelve choices)</td>
</tr>
<tr>
<td>d) One Historical Period: (from Egypt, Persia, Greece or Rome)</td>
</tr>
</tbody>
</table>

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 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 (eg special study days in Newcastle and/or Sydney) at various universities. These costs are kept to a minimum.

Contact Person

Studies Coordinator: 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 Storming of the Bastille
- Emancipation of the Serfs in Russia
- The French-Vietnam Relations 1945-1954
- The Boxer Rebellion in China
- The 1916 Easter Rebellion in Ireland
- The American Civil War
- The Indian Mutiny
- Bismarck and the Unification of Germany
- Zionism, Jewish Migration and Arab Nationalism to 1948

### 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 1 1914-1919
2. **National Studies: Choose ONE from:**
   - USA 1898-1941
   - Japan 1904-1941
   - China 1911-1949
   - Russia/Soviet Union 1917-1945
   - Germany 1918-1945
   - India 1919-1947
   - Indonesia 1950-1998
   - Australia 1951-1996

3. **Personalities in the Twentieth Century:**
   eg Leni Riefenstahl, Zhu De

4. **International Studies in Peace and Conflict: Choose ONE from:**
   - Global Peace-Keeping in the 20th Century
   - The Pacific War 1941-1951
   - Cold War 1945-1991
   - Arab-Israeli Dispute 1948-1994
   - South Africa 1947-1998
   - Indo-China 1954-1980
   - Anglo-Irish Relations 1967-1998

**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: 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 Folio. The Major 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 subjects.

Costs
Subject Fee: $120.00 pa
This fee covers the cost of teaching materials, replacement of consumable items and hardware and software costs. It also includes the cost upgrade of equipment.

Additional cost for drawing equipment including drawing board, drawing kit, etc.

Contact Person
Studies Coordinator: Trish 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 subjects.

**Content**

**Preliminary Year**
- Multimedia Industry Study Analysis
- Design and Production Techniques of Multimedia Projects
- Management & Communication
- Industry Related Development of practical skills in Adobe CS Master 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

**Assessment**

**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.

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

<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>

**Preliminary Course**

**Course Outline Preliminary Year**
Industry Specific Content & Production

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

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

**HSC Year**
A subject fee will apply as well.

**Other Costs:** Major Project Materials

**Course Outline HSC Year**

**Tools and Machines**
- using multimedia equipment for Major Project
- manipulating multimedia software packages (eg Adobe CS Master Collection) 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 teaching materials, replacement of consumable items and specialist hardware and software costs, associated with this Course and includes cost of upgrade of equipment. Also includes an excursion, demonstration and workshop by external company on Claymation/Stop Motion and video workshop excursion.

**Contact Person**

Studies Coordinator: Trish Stallard
Email: patricia.stallard@mn.catholic.edu.au

Witnessing Excellence, Generosity and Compassion shaped by the Catholic Tradition
Industrial Technology
Timber Products & Furniture Technologies 2 Unit

ATAR Course

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 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 such as workshop apron, hearing protection, disposable ear plugs and steel cap boots.

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

Pre-Requisites
NIL. However, students with previous experience in their selected strand would find it advantageous.

Content

Preliminary Course

<table>
<thead>
<tr>
<th>Industry Study</th>
<th>Study of the organisation and management of an individual business.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>Design and plan projects.</td>
</tr>
<tr>
<td>Management &amp; Communication</td>
<td>Completion of a management folio for each project.</td>
</tr>
<tr>
<td>Production</td>
<td>Acquisition of relevant practical skills.</td>
</tr>
<tr>
<td>Industry Related Manufacturing Technology</td>
<td>Development of knowledge of materials, processes, tools and machinery.</td>
</tr>
</tbody>
</table>

HSC Course

<table>
<thead>
<tr>
<th>Industry Study</th>
<th>Broad study of industry.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Project</td>
<td>Production of management folio and practical project.</td>
</tr>
<tr>
<td>Industry Related Manufacturing Technology</td>
<td>Continued development of knowledge of materials, processes, tools and machinery.</td>
</tr>
</tbody>
</table>

Assessment

Preliminary Course

<table>
<thead>
<tr>
<th>Industry Study</th>
<th>15%</th>
</tr>
</thead>
<tbody>
<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 Year

<table>
<thead>
<tr>
<th>Industry Study</th>
<th>15%</th>
</tr>
</thead>
<tbody>
<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 subjects.

Costs
Subject Fee: $120.00 pa
This fee covers the cost of teaching materials, replacement of consumable items and hardware and software costs, associated with this Course and includes cost of biannual upgrade of equipment.

Contact Person
Studies Coordinator: Trish 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 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 2010 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

Costs
Subject costs are included in the College Resource Fee.

Contact Person
Studies Coordinator: Trish 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

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.

<table>
<thead>
<tr>
<th>The individual</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Personal identity</td>
</tr>
<tr>
<td>• Relationships</td>
</tr>
<tr>
<td>• School life and aspirations</td>
</tr>
<tr>
<td>• Leisure and interests</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The French-speaking Communities</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Daily life/lifestyles</td>
</tr>
<tr>
<td>• Historical influences on modern-day life</td>
</tr>
<tr>
<td>• Arts and entertainment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The changing world</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Travel and tourism</td>
</tr>
<tr>
<td>• The world of work</td>
</tr>
<tr>
<td>• Current issues</td>
</tr>
<tr>
<td>• The young person’s world</td>
</tr>
</tbody>
</table>

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></td>
</tr>
<tr>
<td>• Listening and responding</td>
<td>25%</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: Vlasta Veltruski
Email: vlasta.veltruski@mn.catholic.edu.au
French 2 Unit
ATAR Course

French Beginners

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)

<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>
</tr>
<tr>
<td>Speaking Skills – oral communication, the ability to converse.</td>
</tr>
<tr>
<td>Reading Skills – the ability to understand written language.</td>
</tr>
<tr>
<td>Writing Skills – the ability to communicate written French.</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 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: Vlasta Veltruski
Email: vlasta.veltruski@mn.catholic.edu.au
German Beginners 2 Unit

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: Vlasta Veltruski
Email: vlasta.veltruski@mn.catholic.edu.au
Japanese Beginners 2 Unit
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 2½ hours).

<table>
<thead>
<tr>
<th>Assessment Components and Weightings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Listening Skills – aural comprehension, the ability to understand spoken language.</td>
</tr>
<tr>
<td>Speaking Skills – oral communication, the ability to converse.</td>
</tr>
<tr>
<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: The College Exchange Program with Japan gives students the opportunity to spend two weeks in Japan. Approximate cost: $3,000, spending money is extra.

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

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.

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>
<tr>
<td>Component</td>
</tr>
<tr>
<td>Listening Skills – aural comprehension, the ability to understand spoken language.</td>
</tr>
<tr>
<td>Speaking Skills – oral communication, the ability to converse.</td>
</tr>
<tr>
<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>

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>
</tr>
</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: The College Exchange Program with Japan gives students the opportunity to spend two weeks in Japan. Approximate cost: $3,000, spending money is extra.

Contact Person
Studies Coordinator: 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.

**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 - The Legal System</td>
</tr>
<tr>
<td>Part II - The Individual and the Law</td>
</tr>
<tr>
<td>Part III - The Law in Practice</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 - Crime</td>
</tr>
<tr>
<td>Part II - Human Rights</td>
</tr>
<tr>
<td>Part III - World Order - Shelter</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: 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: Andrew Middleton
Email: andrew.middleton@mn.catholic.edu
Mathematics General 2 Unit

ATAR Course

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 do one externally set examination

Costs
Subject costs are included in the College Resource Fee.

Contact Person
Studies Coordinator: 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.

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
One three (3) hour examination.

Costs
Subject costs are included in the College Resource Fee.

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

<table>
<thead>
<tr>
<th>Preliminary Year and HSC Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preliminary Course</strong></td>
</tr>
<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>
<tr>
<td><strong>HSC Course</strong></td>
</tr>
<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>
Mathematics Extension 1 (Preliminary) 1 Unit

ATAR Course

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 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: 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

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students will perform, compose, analyse and listen (musicology and aural) to a</td>
</tr>
<tr>
<td>variety of musical styles through a study of 3 topics. Examples of topics</td>
</tr>
<tr>
<td>include Australian Music; Music for Small Ensembles; Music for Film, Radio,</td>
</tr>
<tr>
<td>Television and Multimedia; Music of a Culture; Theatre Music.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students will perform, compose, analyse and listen (musicology and aural) to a</td>
</tr>
<tr>
<td>variety of musical styles through a study of at least three topics from a list of</td>
</tr>
<tr>
<td>topics some of which include Rock Music; Jazz; Popular Music; Music of the 20th</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Internal – HSC Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component / Weighting</td>
</tr>
<tr>
<td>Performance (10%); Musicology (10%); Composition (10%); Aural (25%)</td>
</tr>
<tr>
<td>Three Electives: Any combination from Performance, Composition and/or Musicology</td>
</tr>
<tr>
<td>(45%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>External – HSC Examinations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component / Weighting</td>
</tr>
<tr>
<td>Performance (20 Marks); Aural (30 Marks)</td>
</tr>
<tr>
<td>Three Electives: Any combination from Performance, Composition and/or Musicology</td>
</tr>
<tr>
<td>(60 Marks)</td>
</tr>
</tbody>
</table>

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: 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

Musicology (25%); Composition (25%); Performance (25%); Aural (25%)

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 – HSC Year

Component / Weighting
Performance (20%); Musicology (20%); Composition (20%); Aural (20%)

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

External – HSC Examinations

Component / Weighting
Performance (15%); Sight Singing (5%); Submitted Composition (15%); Combined Written Musicology and Aural Exam (35%)

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: Patrick Campbell
Email: patrick.campbell@mn.catholic.edu.au
Personal Development, Health & Physical Education (PDHPE) 2 Unit

ATAR Course

**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 Australia’s health priorities.

**Pre-Requisites**

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

**Content**

**Preliminary Year and HSC Year**

**Preliminary Course**

<table>
<thead>
<tr>
<th>Cores:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Better Health for Individuals (30% time)</td>
</tr>
<tr>
<td>The Body in Motion (30% time)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Options:</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Aid (20% time)</td>
</tr>
<tr>
<td>Composition and Performance (20% time)</td>
</tr>
</tbody>
</table>

**HSC Course**

<table>
<thead>
<tr>
<th>Cores:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Priorities in Australia (30% time)</td>
</tr>
<tr>
<td>Factors Affecting Performance (30% time)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Options:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sports Medicine (20% time)</td>
</tr>
<tr>
<td>Improving Performance (20% time)</td>
</tr>
</tbody>
</table>

**Assessment**

**School Assessment**

Both Preliminary and HSC Courses are internally assessed. Tasks may include:
- Assignments and research reports
- Training program evaluations
- Formal exams
- Oral and practical presentations

**HSC Examination**

One written exam of 3 hours duration. It involves:
- Objective response questions on Core Modules (20 marks)
- Short answer questions on Core Modules (40 marks)
- Short answer and extended response questions on Option Modules (40 marks)

**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: 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.

It 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**

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Local Ecosystem</td>
</tr>
<tr>
<td>Patterns in Nature</td>
</tr>
<tr>
<td>Life on Earth</td>
</tr>
<tr>
<td>Evolution of Australian Biota</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintaining a Balance</td>
</tr>
<tr>
<td>Blueprint of Life</td>
</tr>
<tr>
<td>The Search for Better Health</td>
</tr>
</tbody>
</table>

**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.

*Other Costs:*
- The following are required and available from the College:
  - Safety glasses $8.00.
  - Revision Booklets $25.00.
- Excursion costs are kept to a minimum.
- Experiment Fest $25.00.

**Contact Person**
Studies Coordinator: 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

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>This part of the Course incorporates the study of:</td>
</tr>
<tr>
<td>• The Chemical Earth</td>
</tr>
<tr>
<td>• Metals</td>
</tr>
<tr>
<td>• Water</td>
</tr>
<tr>
<td>• Energy</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Production of Materials</td>
</tr>
<tr>
<td>• The Acidic Environment</td>
</tr>
<tr>
<td>• Chemical Monitoring and Management</td>
</tr>
</tbody>
</table>

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
• Examination

Costs
Subject cost included in the College Resource Fee.
Other Costs:
• The following are required and available from the College:
  o Safety glasses $8.00.
  o Revision Booklets $25.00.
• Experiment Fest at the University of Newcastle $25.00.

Contact Person
Studies Coordinator: 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.

Other Costs:
• The following are required and available from the College:
  o Safety glasses $8.00
• Excursion costs are kept to a minimum.
  o $30.00

Contact Person
Studies Coordinator: 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.

Preliminary Year
• The World Communicates
• Electrical Energy in the Home
• Moving About
• The Cosmic Engine

HSC Course
• Space
• Motors and Generators
• From Ideas to Implementation

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.

Other Costs:
• The following are required and available from the College:
  o Safety glasses $8.00.
  o Revision Booklets $25.00.
• Experiment Fest at the University of Newcastle $25.00.

Contact Person
Studies Coordinator: 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 one 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 pick up Senior Science in the Higher School Certificate year.

Content

Preliminary Year and HSC Year

Preliminary Course
- Water for Living
- Plants
- Humans at work
- Local Environment

HSC Course
- Lifestyle Chemistry
- Medical Technology – Bionics
- Information Systems

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

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

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Strands</td>
</tr>
<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>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Strands</td>
</tr>
<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>

<table>
<thead>
<tr>
<th>Option Strands (20%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of the following options to be studied:</td>
</tr>
<tr>
<td>• Programming Paradigms/Language</td>
</tr>
<tr>
<td>• Software Developers View of Hardware</td>
</tr>
</tbody>
</table>

Assessment
At the completion of this Course all students will sit for a 3 hour HSC exam, which is divided into four sections, containing multiple choice, short structured answers, algorithm designs and some extended response answers. 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 25% 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 teaching materials, replacement of consumable items and hardware and software costs, associated with this Course and includes cost of upgrade of equipment.

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

ATAR Course

Introduction
A Religion Course is compulsory for all students at SFX. Although this Course is broad, in that it deals with many religious traditions there will be an emphasis on specific Catholic teachings in the Religious Tradition Study 1 - Christianity.

For Whom is the Subject Intended?
These Courses offer the opportunity of studying religion as an academic subject at the HSC level. As an HSC subject, Studies of Religion requires a consistent effort and commitment. Both courses have specific Assessment requirements and procedures and involve both an external examination and internal assessment as with other HSC subjects. Students should be aware that Studies of Religion is an academically rigorous subject, and is similar in nature to Modern History, Legal Studies and Ancient History. Students need to be very competent in English to be successful in the course.

The Course can be used by students as part of their ATAR.

Pre-Requisites
NIL

Content
Preliminary Year and HSC Year

STUDIES OF RELIGION

1 UNIT

Preliminary Course

SOR I

<table>
<thead>
<tr>
<th>Duration (indicative hours)</th>
<th>Nature of Religion and Beliefs</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Religious Tradition Study 1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>Religious Tradition Study 2</td>
<td>22</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>60</td>
</tr>
</tbody>
</table>

HSC Course

SOR I

<table>
<thead>
<tr>
<th>Duration (indicative hours)</th>
<th>Religion and Belief Systems in Australia – Post 1945</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Religious Tradition Depth Study 1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>Religious Tradition Depth Study 2</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>Religious Tradition Depth Study 3</td>
<td>22</td>
</tr>
<tr>
<td>Total</td>
<td>Religion and Peace</td>
<td>22</td>
</tr>
</tbody>
</table>

Total 120 hours

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: Jon Noble
Email: jonathan.noble@mn.catholic.edu.au
Textiles & Design 2 Unit

ATAR Course

Introduction
The Textiles & Design syllabus enables students to develop an understanding and appreciation of the properties and performance of textiles through the study and analysis of fibre, yarn and fabric structures, allowing them to make informed consumer choices. They study the principles and elements of design as well as a variety of influences on design and the methods used to manufacture textile items. The role of the Textile, Clothing, Footwear and Allied industry along with innovation in textiles are also studied. Students undertake practical textile projects as an integral part of the course.

For Whom is the Subject Intended?
This course requires students to have an understanding of textile design and manufacturing processes that will be further developed and enhanced. Students should have an interest in producing quality, innovative and creative items of apparel or textile art.

Students with sound practical skills combined with an enquiring mind who are prepared to develop into the performance aspects of textiles should find this course rewarding and interesting.

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.

Pre-Requisites
Students should have studied Textiles & Design in Stage 5 and/or have sound practical textile skills.

Content

Preliminary Year and HSC Year

<table>
<thead>
<tr>
<th>Preliminary Course</th>
<th>Preliminary Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>The three study areas are:</td>
<td>40%</td>
</tr>
<tr>
<td>1. Communicating as a Designer</td>
<td></td>
</tr>
<tr>
<td>2. Deconstructing Textiles</td>
<td>50%</td>
</tr>
<tr>
<td>3. Values and the Textile Industry</td>
<td>10%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
<th>HSC Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Colour and Culture</td>
<td>20%</td>
</tr>
<tr>
<td>2. Textile Innovations</td>
<td>20%</td>
</tr>
<tr>
<td>3. Sustainable Industry</td>
<td>10%</td>
</tr>
<tr>
<td>4. Major Textiles Project</td>
<td>50%</td>
</tr>
</tbody>
</table>

Assessment
This course has both practical and theory components. The practical components will be in the form of project-based work. The theory components may consist of experiments, research and examinations. 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.

Costs
Subject Fee: $100.00 pa

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

Contact Person
Studies Coordinator: Trish 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>Study of Art (Criticism &amp; History)</strong></td>
</tr>
<tr>
<td>Unit 1: In Search of My Identity</td>
<td>Unit 1: Modern Art</td>
</tr>
<tr>
<td>Painting/ Drawing/Digital Media</td>
<td>The New Dilemma</td>
</tr>
<tr>
<td>Unit 2: The Found Object</td>
<td>Unit 2: Australian Retrospective/ Aboriginal Narrative/ + Two Case Studies</td>
</tr>
<tr>
<td>Sculpture/ Assemblage/ Appropriation</td>
<td>Unit 3: Style &amp; Movement ‘Revisited’ plus two Case Studies</td>
</tr>
<tr>
<td>Unit 3: Icons &amp; Crucifix (Printmaking)</td>
<td>Unit 4: Examination Procedures/ Artists/ Philosophy/ Practice plus one Case Study of an Artist</td>
</tr>
<tr>
<td>Photography</td>
<td>Art Criticism, Art History, Essays, Formal Examinations</td>
</tr>
</tbody>
</table>

**Assessment**

<table>
<thead>
<tr>
<th>Internal Assessment (Preliminary &amp; HSC)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Component/Weighting</strong></td>
</tr>
<tr>
<td>Development of Body of Work and Final Presentation (Externally marked) 50%</td>
</tr>
<tr>
<td>Art Criticism, Art History, Essays, Formal Examinations 50%</td>
</tr>
</tbody>
</table>

**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: Patrick Campbell
Email: patrick.campbell@mn.catholic.edu.au
### BOARD ENDORSED COURSES

**Non ATAR Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catholic Studies 1 Unit</td>
<td>76</td>
</tr>
<tr>
<td>Computing Applications 1 Unit</td>
<td>77</td>
</tr>
<tr>
<td>English Studies 2 Unit</td>
<td>78</td>
</tr>
<tr>
<td>Exploring Early Childhood 1 Unit</td>
<td>79</td>
</tr>
<tr>
<td>Marine Studies 1 Unit</td>
<td>80</td>
</tr>
<tr>
<td>Photography 1 Unit</td>
<td>81</td>
</tr>
<tr>
<td>Sport Lifestyle &amp; Recreation 1 Unit</td>
<td>82</td>
</tr>
</tbody>
</table>
**Catholic Studies 1 Unit**

**Non ATAR Course**

**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:

- Develop in their understanding of the faith, history and tradition, life and mission of the Catholic Church.
- Develop in their understanding and appreciation of the religious experience of other religious faiths and spiritual traditions.
- Critically reflect upon personal beliefs, values and commitments in light of revelation in the Scriptures and tradition, the mission of the Catholic Church and an analysis of Australia’s religious culture.

**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 and/or find the writing of essays difficult. Although the course has a deliberate emphasis on specific Catholic teachings, there are opportunities for comparative studies with other religious traditions.

**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**

Although this Course values the development of attitudes and beliefs which cannot be assessed by theoretical methods; those objective areas which can be measured, will be assessed principally by means of assignments, assessments, and in-school examinations. Participation in class work, discussion and other activities will also be used in assessing the student’s performance.

**Component/Weighting**

| Knowledge and Understanding | 60% |
| Skills                      | 40% |

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: Sue Paton
Email: susan.paton@mn.catholic.edu.au
Computing Applications 1 Unit
Non ATAR Course

**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 you to study aspects of computing that you find interesting. It 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: Trish 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**

**Non ATAR Course**

- **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 direct 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 multimodal 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: Carole Houston
  Email: carole.houston@mn.catholic.edu.au
**Exploring Early Childhood 1 Unit**

**Non ATAR Course**

**Introduction**
Exploring Early Childhood is a Content Endorsed Course offered as a 1 Unit subject. The continuation of the course in the HSC Year will be dependent on student numbers.

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**

**HSC Course**

<table>
<thead>
<tr>
<th>Play and the Developing Child</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defining play, Learning through play, Investigating Play Issues and factors influencing play, Contemporary issues.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Starting School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transitions, Kindergarten, Curriculum, Contemporary Issues.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Child Health and Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety in the home, Maintaining environments, Toys and Play equipment, Road and outdoor safety, First Aid, Contemporary Issues.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Historical and Cultural Contexts of Childhood</th>
</tr>
</thead>
<tbody>
<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 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: 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
Non ATAR Course

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:

<table>
<thead>
<tr>
<th>Optional Units (30 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>These will be selected from Modules. Final selection will depend upon student interest, staff expertise and available resources. They include:</td>
</tr>
<tr>
<td>• Skindiving and Diving Science</td>
</tr>
<tr>
<td>• Resuscitation Certificate</td>
</tr>
<tr>
<td>• Dangerous Marine Creatures</td>
</tr>
<tr>
<td>• Coastal Studies</td>
</tr>
<tr>
<td>• Local Area Study</td>
</tr>
<tr>
<td>• Personal Interest Project</td>
</tr>
</tbody>
</table>

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)

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

Contact Person
Studies Coordinator: Peter Brown
Email: peter.brown@mn.catholic.edu.au
Photography 1 Unit
Non ATAR Course

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.

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Introduction to Photography - Composition - Streetscapes</td>
</tr>
<tr>
<td>• Thematic Studies – Appropriation (Digital Unit)</td>
</tr>
<tr>
<td>• Occupational Health &amp; Safety</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students may extend their studies and cover the following content.</td>
</tr>
<tr>
<td>• Special Effects and Manipulated Images-Digital</td>
</tr>
<tr>
<td>• Portraits and Still Life Photography - Digital Unit</td>
</tr>
<tr>
<td>• Work of Famous Photographers – Analysis of the Frames eg Postmodern (Digital Unit)</td>
</tr>
</tbody>
</table>

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>

<table>
<thead>
<tr>
<th>Preliminary Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
</tr>
<tr>
<td>Introduction to Practice</td>
</tr>
<tr>
<td>(wet &amp; digital)</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Manipulated Forms</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
</tr>
<tr>
<td>Arranged Image</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Traditions, Conventions, Styles</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: 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
Non ATAR Course

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. Continuation of the course in the HSC Year will be dependent on student numbers. 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>Games and Sports Applications I</td>
</tr>
<tr>
<td>Includes activities where players share space. Defence involves contact, blocking passage of movement and interception eg Netball, Soccer, Touch, Team Handball.</td>
</tr>
<tr>
<td>Social Perspectives of Games and Sports</td>
</tr>
<tr>
<td>Sport in society, Media, Economics, Drugs in Sport, Careers.</td>
</tr>
<tr>
<td>Games and Sports Applications II</td>
</tr>
<tr>
<td>Includes games where players occupy space critical to opponent, contact and blocking don’t generally occur eg Cricket, Volleyball, Tennis.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HSC Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance Training</td>
</tr>
<tr>
<td>Uses of Resistance Training, Muscles of body, Training Methods, Programming.</td>
</tr>
<tr>
<td>Outdoor Recreation</td>
</tr>
<tr>
<td>Opportunities, Skills, Environmental Considerations, Planning</td>
</tr>
<tr>
<td>Sports Coaching and Training</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: 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.
## Vocational Education & Training (VET) Courses

### Category B

<table>
<thead>
<tr>
<th>VET Courses Overview</th>
<th>page 84</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Services: Certificate II in Business</td>
<td>page 85</td>
</tr>
<tr>
<td>Construction: Certificate II in Construction Pathways</td>
<td>page 86</td>
</tr>
<tr>
<td>Entertainment Industry: Certificate III in Live Production and Services</td>
<td>page 87</td>
</tr>
<tr>
<td>Hospitality Continuers: Certificate II in Kitchen Operations</td>
<td>page 88</td>
</tr>
<tr>
<td>Only students from St Pius X High School are eligible for this course</td>
<td></td>
</tr>
<tr>
<td>Hospitality: Certificate II in Kitchen Operations</td>
<td>page 89</td>
</tr>
<tr>
<td>Information &amp; Digital Technology: A Statement of Attainment towards a Certificate III in Information, Digital Media &amp; Technology</td>
<td>page 90</td>
</tr>
<tr>
<td>Metal &amp; Engineering: Certificate I in Engineering</td>
<td>page 91</td>
</tr>
<tr>
<td>Retail Services: Certificate II in Retail Services</td>
<td>page 92</td>
</tr>
</tbody>
</table>
Vocational Education & Training

VET COURSES

An Overview
St Francis Xavier’s College will offer Vocational Education and Training (VET) Courses in a number of areas.
There are two types of Vocational Education and Training Courses:

1) Industry Curriculum Framework (ICF) courses
An Industry Curriculum Framework course, studied as part of the HSC, 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.
The examination mark from one VET course (Category B), Tourism or Electrotechnology may be included in the calculation of a student’s (ATAR).

School Based Assessment
VET courses are competency based. This requires students to develop the required skills and knowledge described by 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.

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 answers 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 AQTF qualifications.

Work Placement
Students in Industry Curriculum Framework courses have a 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 may lead to an ‘N’ determination.

Industry Curriculum Framework (ICF) courses include:
• Business Services
• Construction
• Entertainment Industry
• Hospitality
• Information, Digital Media & Technology
• Metal & Engineering
• Retail Services

2) Other HSC VET Courses
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. Students may complete up to 70 hours of work placement as part of course requirements however, this is not mandatory for HSC requirements.
These courses include:
• Furnishing
• Sport, Fitness and Recreation

Benefits of Vocational Education and Training
Vocational Education and Training subjects are accessible to all students and have a good mix of practical and theory.
They have real world application and, for the majority of students, have application to post-school career pathways.
For ICF courses, the dual accreditation means students can cover both TAFE and University entrance requirements.

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

- Accounts Clerk
- Administrative Assistant
- Archivist
- Assistant Accountant
- Administrator
- Bookkeeper
- Computer Operator
- Customer Service Officer
- Data Entry Clerk
- Desktop Publisher
- Human Resource Officer
- Library Assistant
- Personnel Clerk
- Receptionist
- Records Clerk
- Recruitment Consultant
- Secretary

Course Description
The administrative workforce is the second largest cross industry occupational group in Australia and is traditionally open to school leavers. Employment opportunities are diverse and there are skills shortages in many of the specialised areas of the industry.

This course provides skills in the clerical/administrative area, which include using business technology, preparing and processing documents, creating and using spreadsheets and databases as well as maintaining records. The course would suit students interested in a career in an office environment such as a legal secretary, business management, marketing, advertising or finance. At the end of the course, students are well versed in the operations and administration of an office environment. These skills are essential in small to medium enterprises as well as large corporations.

Course Information
This course is studied as a 240 hour course over Years 11 and 12. It is a Category B subject and counts towards your HSC.

This course is dual accredited ie it may contribute to your ATAR as well as an AQF qualification recognised by industry.

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

The Board of Studies requires students to complete 35 hours (one week of work placement for each year of course). The work placement is a mandatory part of the assessment.

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

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$80.00 pa</td>
<td>$80.00 pa</td>
<td>N/A</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship. Port Waratah Coal Scholarships are available.

The Trustees of the Diocese Maitland-Newcastle Catholic Schools Office RTO 90477
**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

**Course Description**

In the construction industry you can gain skills in building, Work Health & Safety requirements, contracting and quoting, designing and managing projects and dealing with clients, workers and professionals. This course provides training in general construction and covers a range of skills and knowledge appropriate for entry level into this industry. The course would suit students who are interested in a career in construction, plumbing, electrical trades, plastering, carpentry, concreting or bricklaying. 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**

This course is studied as a 240 hour course over Years 11 and 12. It is a Category B subject and counts towards your HSC.

This **course is dual accredited ie it may contribute to your ATAR as well as an AQF qualification recognised by industry.**

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

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.

The Board of Studies requires students to complete 70 hours over two years (one week of work placement for each year of the course). **The work placement is a mandatory part of the assessment.**

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

**Course Contact**

Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au

<table>
<thead>
<tr>
<th>Course Cost Year 11, 2015</th>
<th>Course Cost Year 12, 2016</th>
<th>White Card Year 11 only</th>
<th>Work Placement 2015 &amp; 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>$150.00 pa</td>
<td>$150.00 pa</td>
<td>$70</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.

*The Trustees of the Diocese Maitland-Newcastle Catholic Schools Office RTO 90477*

*Witnessing Excellence, Generosity and Compassion shaped by the Catholic Tradition*
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 Industry 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 areas 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
This course is studied as a 240 hour course over Years 11 and 12. It is a Category B subject and counts towards your HSC.

This course is dual accredited ie it may contribute to your ATAR as well as an AQF qualification recognised by industry.

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

The Board of Studies requires students to complete 35 hours (one week of work placement for each year of the course). The work placement is a 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.

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

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

Course Cost Year 11, 2015
$150.00 pa

Course Cost Year 12, 2016
$150.00 pa

First Aid 2015 & 2016
$70.00

Work Placement 2015 & 2016
$20.00 pa

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.

The Trustees of the Diocese Maitland-Newcastle Catholic Schools Office RTO 90477
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 industry contributes significantly to the Australian economy and employs a large percentage of the working population in both full-time and part-time positions.

All students in Hospitality undertake the Senior First Aid Certificate.

At the completion of the course, students are qualified for a number of positions in the tourism and hospitality industry.

Course Information

This course is studied as a 240 hour course over Years 11 and 12. It is a Category B subject and counts towards your HSC.

This course is dual accredited ie it may contribute to your ATAR as well as an AQF qualification recognised by industry.

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

Students will be expected to purchase a full Apprentice chefs uniform with **fully enclosed firm leather upper shoes**.

The Board of Studies requires students to complete 35 hours (one week of work placement for each year of the course). **The work placement is a mandatory part of the assessment.**

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

**Students from St Pius X High School will be eligible to sit for the HSC exam at the end of 2015.**

Course Contact

Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au

<table>
<thead>
<tr>
<th>Course Cost Year 11, 2015</th>
<th>Course Cost Year 12, 2016</th>
<th>First Aid Year 11, 2015 &amp; 2016</th>
<th>Work Placement 2015 &amp; 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>$200.00 pa</td>
<td>$200.00 pa</td>
<td>$70.00 pa</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.
Course Description
The Hospitality industry contributes significantly to the Australian economy and employs a large percentage of the working population in both full-time and part-time positions.

All students in Hospitality undertake the Senior First Aid Certificate.

At the completion of the course, students are qualified for a number of positions in the tourism and hospitality industry.

Course Information
This course is studied as a 240 hour course over Years 11 and 12. It is a Category B subject and counts towards your HSC.

This course is dual accredited ie it may contribute to your ATAR as well as an AQF qualification recognised by industry.

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

Students will be expected to purchase a full Apprentice chefs uniform with fully enclosed firm leather upper shoes.

The Board of Studies requires students to complete 35 hours (one week of work placement for each year of the course). The work placement is a mandatory part of the assessment.

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

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

<table>
<thead>
<tr>
<th>Course Cost Year 11, 2015</th>
<th>Course Cost Year 12, 2016</th>
<th>First Aid Year 11, 2015 &amp; 2016</th>
<th>Work Placement 2015 &amp; 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>$200.00 pa</td>
<td>$200.00 pa</td>
<td>$70.00 pa</td>
<td>$20.00 pa</td>
</tr>
</tbody>
</table>

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.
ST FRANCIS XAVIER’S COLLEGE

INFORMATION & DIGITAL TECHNOLOGY

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

Possible Career Paths
- Computer Operator
- Database Administrator
- Desktop Publisher
- Electronics Engineer
- Help Desk Officer
- Internet Specialist
- IT Consultant
- IT Marketing Manager
- IT Technician
- Multimedia Developer
- Network Administrator
- Programmer
- Software Developer
- Systems Engineer
- Systems Analyst
- Web Designer
- Client Support Manager

Course Description
Computers are in all industries and many advertised positions specify computing skills as a prerequisite. The Information Technology industry continues to be the fastest growing industry nationally and internationally. The IT Industry has been identified as a skills shortage area and there are many opportunities in the industry for employment.

This course is a qualification for the Information Technology industry. It 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 IT roles and further study.

Course Information
This course is studied as a 240 hour course over Years 11 and 12. It is a Category B subject and counts towards your HSC.

This course is dual accredited ie it may contribute to your ATAR as well as an AQF qualification recognised by industry.

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

The Board of Studies requires students to complete 35 hours (one week of work placement for each year of the course). The work placement is a mandatory part of the assessment.

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

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

Course Cost Year 11, 2015: $100.00 pa
Course Cost Year 12, 2016: $100.00 pa
First Aid 2015 & 2016: N/A
Work Placement 2015 & 2016: $20.00 pa

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.

The Trustees of the Diocese Maitland-Newcastle Catholic Schools Office RTO 90477

Witnessing Excellence, Generosity and Compassion shaped by the Catholic Tradition
Possible Career Paths

- Boiler maker
- Electrician
- Draughtsperson
- Engineer
- Fitter
- Instrument maker
- Jeweler
- 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**

This course is studied as a 240 hour course over Years 11 and 12. It is as Category B subject and counts towards your HSC.

This course is dual accredited i.e. it may contribute to your ATAR as well as an AQF qualification recognised by industry.

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 fabricators gloves.

The Board of Studies requires students to complete 70 hours Work Placement over two years (one week of work placement for each year of the course). **The work placement is a mandatory part of the assessment.**

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

**Course Contact**

Rosemary Sheridan
Email rosemary.sheridan@mn.catholic.edu.au

---

**Course Cost**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$200.00 pa</td>
<td>$200.00 pa</td>
<td>N/A</td>
<td>$20.00 pa</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.

---

*The Trustees of the Diocese Maitland-Newcastle Catholic Schools Office RTO 90477*

Witnessing Excellence, Generosity and Compassion shaped by the Catholic Tradition
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

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

This course will develop students 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
This course is studied as a 240 hour course over Years 11 and 12. It is as Category B subject and counts towards your HSC.

This course is dual accredited ie it may contribute to your ATAR as well as an AQF qualification recognised by industry.

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

The Board of Studies requires students to complete 35 hours (one week of work placement for each year of the course). The work placement is a mandatory part of the assessment.

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

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

Course Cost Year 11, 2015
Course Cost Year 12, 2016
First Aid 2015 & 2016
Work Placement 2015 & 2016

First Aid
$120.00 pa
$120.00 pa
N/A
$20.00 pa

The course outcomes are recognised nationally by all Registered Training Providers (RTO’s). Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.

The Trustees of the Diocese Maitland-Newcastle Catholic Schools Office RTO 90477

Witnessing Excellence, Generosity and Compassion shaped by the Catholic Tradition
Vocational Education & Training (VET Courses)
Board Endorsed Courses
Non ATAR Courses

Furnishing (VET): Certificate in Furniture Making

Hairdressing (VET): Certificate II
This course will be delivered at St Pius X High School Adamstown
Scheduled: 1:00 pm – 5:00 pm
A minimum of 10 students will be required to run the course

Sport Coaching (VET): Certificate II

TVET

TAFE Delivered Vocational Education and Training
Possible Career Paths

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

**Course Description**

This is a **non framework and NON ATAR 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.

**Furnishing** is perfectly paired with courses such as **Construction**.

**Course Information**

This course is studied as **2 units over two years**, 240 hour course over Years 11 & 12. **The course is a Board Endorsed VET course and cannot be counted towards the ATAR. There is no HSC examination in this subject.** Students may complete work placement as part of the course requirements however this is not mandatory for HSC requirements.

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

**EXCLUSION**

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

**Course Contact**

Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$150.00 pa</td>
<td>$150.00 pa</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider.
**Course Description**

This is a **non framework and NON ATAR 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 Hairdressing and Beauty industry.

Exclusions for electives occur in Retail Services and Beauty.

In Australia, the hairdressing industry is characterised by a substantial number of small businesses providing unique hairdressing services to clients. Hairdressing requires high-level technical skills, creative and basic business skills. Inclusion of Maths in your HSC is a recommendation.

Main topics covered include:
- Attending to customer care
- Salon safety
- Basin procedures
- Drying and styling hair
- Colouring hair
- Merchandising

**Course Information**

This course is studied as 2 **units over two years**, 240 hour course over Years 11 and 12. **The course is a Board Endorsed VET course and CANNOT be counted towards the ATAR. There is no HSC examination in this subject.** Students must complete 70 hours of work placement as part of the course requirements.

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

**Course Contact**

Rosemary Sheridan
Email: rosemary.sheridan@mn.catholic.edu.au

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$600 pa</td>
<td>$600 pa</td>
<td>$70 pa</td>
<td>$20 pa</td>
</tr>
</tbody>
</table>

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.
ST FRANCIS XAVIER’S COLLEGE

SPORT COACHING
Certificate II

Possible Career Paths

Sportsperson
Sports Scientist
Sports Official
Sports Development Officer
Fitness Instructor
Sports Marketing Manager
Sports Facility Manager
Fitness Centre Manager
Coaching Assistant
Sports Coach
First Aid Instructor
Sports Manager
Sports Administrator
Sports Instructor

Course Description
This is a **non framework and NON ATAR 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
This course is studied as **2 units over two years**, 240 hour course over Years 11 and 12. **The course is a Board Endorsed VET course and CANNOT be counted towards the ATAR. There is no HSC examination in this subject.** Students may complete up to 70 hours of work placement as part of the course requirements however this is not mandatory for HSC requirements.

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

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></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>

The course outcomes are recognised nationally by TAFE and other Registered Training Providers. Students gaining these qualifications may move directly into the next qualifications level with another provider. The 240 hours may also be credited against a related traineeship.
There are a variety of TVET courses. Some of these include:

- Beauty Therapy – Make Up Services
- Age Care Work
- Plumbing Techniques
- Animal Care
- Children Services
- Community Services
- Electrotechnology
- Tourism & Events

For more information on TVET courses, please go to www.hunter.tafensw.edu.au/TVET/

All TVET courses, except Hairdressing (scheduled at St Pius X High School Adamstown) are studied at Hunter TAFE. It is students’ responsibility to make their own way to and from TAFE. Most TAFE courses run from 2:00 pm until 6:00 pm Monday, Tuesday or Wednesday.

There is a $600 pa fee for all TVET courses.

Students will be required to undertake an application process prior to enrolment in these courses.

Students interested in TVET must have made application through their Year 10 Careers Advisor before subject selection process.

These courses allow students in Years 11 and 12 to study selected vocational subjects not available at St Francis Xavier’s College. TVET courses can give you a head start in a chosen career path. You can gain work related skills or pursue further studies at TAFE or University.

TAFE NSW is an adult learning environment with industry experienced teachers. TAFE NSW courses encourage a 'hands-on' approach, often combining study with work placement. Students have access to industry standard workshops, careers, counselling, internet services, and library facilities.

- TVET courses provide significant benefits.
- Broader choices of study.
- The opportunity to get skills and training for the workplace.
- Learning skills that are valuable to employers.
- Gaining two sets of credentials from TAFE NSW and the NSW Board of Studies. If you go on to further studies with TAFE NSW you will be entitled to advanced standing, which means that you do not repeat any subjects you have successfully completed. You also have the opportunity to explore further career paths.

Course Contact
Julie McLoughlin
Email: julie.mcloughlin@mn.catholic.edu.au

All TVET courses incur a $600.00 course fee which MUST be paid with your application. Although funding is made available to all schools for TVET and similar vocational pathways, the funding is limited. TVET places will be capped so it is important that students contact Julie McLoughlin at the College at the start of the school year.
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 Board of Studies 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.

**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 Board of Studies 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 Board of Studies 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
- HSIE Life Skills
- Mathematics Life Skills
- Technology Life Skills
- Work and the Community Life Skills

Whether the courses will run is dependent on student numbers.

**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**
Sascha Flick
Learning Support Coordinator
Email: sascha.flick@mn.catholic.edu.au