

St Catherine's College



# COURSE SELECTION HANDBOOK

**YEAR 12**

**2012**

**Please note:**

**Tuesday, 25 October 2011  
is the last day for return of your  
Options Sheet**

# YEAR 12 COURSE OUTLINES 2012

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## INTRODUCTION

This booklet will help you make informed decisions about choosing subjects for Year 12. Our aim at St Catherine's College is to give every student a broad, well-balanced education which is appropriate to her ability and which reflects the essential learning areas and skills of the New Zealand Curriculum Framework.

We offer as wide a range of subjects as it is possible within the size of our school and within the constraints of our timetable. For timetabling purposes, subjects are arranged in option lines, with only one subject in each line being available to any student. However, we endeavour to please the greatest number in determining which subjects should be placed in the option lines.

To assist us in these decisions, we ask students to choose in Term 3 of each year, which subjects they would like to take the following year. We cannot guarantee that any particular choice will be possible but we make every effort to accommodate everyone's wishes. This may be achieved through co-operation with St Patrick's College and the Correspondence School. (A maximum of two subjects only can be taken at another school.)

Classes will only be offered in a subject provided there are sufficient students to justify the class. Usually a minimum of 6 students is required for a class to operate. If too many students apply to take a subject, preference will be given to those who initially chose the subject over any who have subsequently changed their minds. Classes with closely restricted entry include all Information Technology courses and Hospitality.

To enable students to gain success in their studies they may elect to take a multi-level course. Very able students may study at a higher level.

### SUBJECT CHOICE TIPS

#### (He whakamohio puku kowhiringa marau)

Steps to make an informed decision:

1. Check out your career implications – will you keep your options open?
  - a. Work out all your current career ideas
  - b. Check the subject requirements
  - c. Weigh up the 'essential' subjects, then the 'useful' subjects.
2. Think about your abilities – can you do well in these subjects?
3. Think about your interest levels – will you have the motivation?
4. Weigh up any differences between interests, abilities and career ideas.
5. Talk it over with people who know you well.

When you have made your choices, follow this simple checklist:

- *Ability and Attitude: Are you able and will you be interested?*
- *Balance: Will you have a range of options open for future career ideas?*
- *Choice: Are they your own decisions or have you been swayed by others?*

Do not be afraid to ask for advice on subject choices. Discuss with your parents and teachers.

Other staff members who can advise you are:

The Deputy Principal;  
The Senior Dean;  
The Guidance Counsellor

Your parents are also welcome to contact any of the people listed above.

**The following website contains useful information on making smart decisions about work and learning in New Zealand: [www.careers.govt.nz](http://www.careers.govt.nz)**

# NATIONAL QUALIFICATIONS

## New University Entrance Requirement from 2014

From 2014 there will be a new university entrance (UE) requirement. Students will use this new UE to enter degree-level programmes from 2015. The new UE requirement will continue to be the **minimum** requirement for entry to university.

From 2014, students will need all of the following to be awarded UE:

- Attain NCEA Level 3.
- Achieve 14 credits at level three in **each of three subjects from the list of approved subjects**. The list of approved subjects will consist of subjects derived from the *New Zealand Curriculum* with achievement standards at Level 3.
- Achieve UE numeracy – 10 credits at Level 1 and above from specific achievement standards, or three specific numeracy unit standards.
- Achieve UE literacy – 10 credits (five in reading and five in writing) at Level 2 and above from specific standards.

### How will this be implemented?

#### NCEA Level 3

Students will need to attain NCEA Level 3. Three of their subjects, in each of which they need to achieve at least 14 credits, must be on the list of approved subjects.

Any remaining credits from Level 3 or higher that they need in order to gain their Level 3 NCEA can come from any field, subfield or domain. This means that credits from unit standard-based subjects can contribute to UE through this requirement.

#### Numeracy

The change to UE numeracy makes the new requirement the same as the new NCEA Level 1 numeracy requirement. This means that students in Year 11 from 2012 who achieve NCEA Level 1 will have also met the new UE numeracy requirement (see details of the NCEA Level 1 numeracy requirements on the NZQA website).

#### Literacy

Students in Year 12 from 2013 may meet their UE literacy requirement through a range of Level 2 or above standards that have yet to be identified. NZQA will ensure that schools are advised which standards apply by April 2012. It is expected that standards will be identified in English, Te Reo Maori, Te Reo Rangatira and a limited number of other subjects to levels 2 and 3.

#### 14 credits at level three in each of three subjects

Those students intending to study at degree-level from 2015 onwards, starting with Year 13 students in 2014, must achieve 14 credits at Level 3 in **each of THREE subjects** from the list of approved subjects.

#### List of approved subjects

The list of approved subjects will consist of subjects derived from the *New Zealand Curriculum* with achievement standards at Level 3. The list of approved subjects will be updated as subjects meet the criteria. Business Studies, Education for Sustainability, Home Economics and Religious Studies will be added to the list in 2012. The changed list of approved subjects for each year will be added to the NZQA website.

## **SUBJECTS FOR YEAR 12 2012**

All Year 12 students take English, Religious Education and four other subjects.

The following points must be noted when deciding which subjects you are going to study in Year 12:

1. The subject chosen in one year may affect the subjects that can be studied in the following year. The table following shows the natural progression of subjects.
2. Classes will operate only if sufficient numbers and staffing allows.
3. When you choose a subject it is sometimes desirable to choose a related subject – as below:

For Example:

Year 12 - if you choose to do PHYSICS you should also take MATHEMATICS

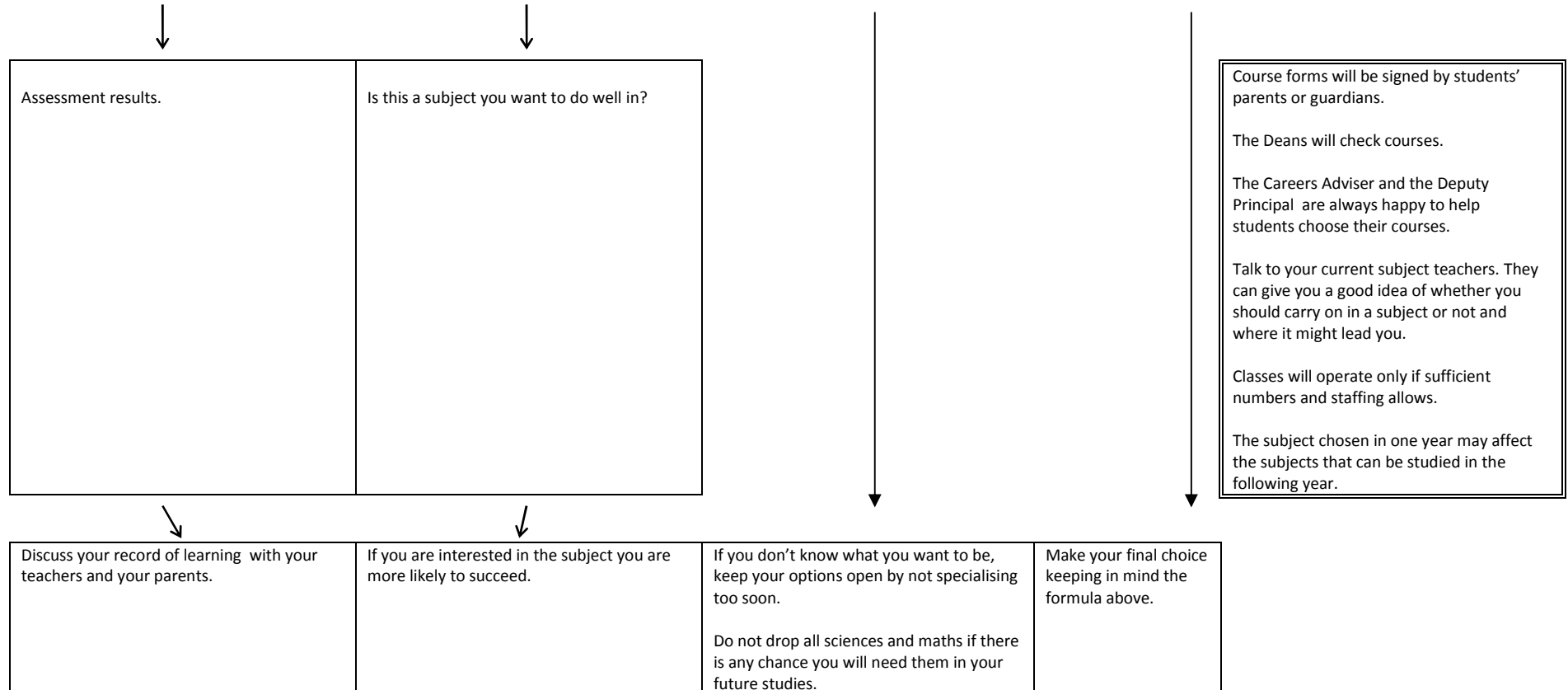
Remember that if you drop Mathematics, Languages, Art, Music or Sciences in year 12, you will not usually be able to pick these up again in Year 13. **Choose wisely.**

### **ENTRY TO STUDY AT YEAR 12**

To be allowed to study a subject at Year 12, you must satisfy the Head of Department of that subject of your ability to handle the subject at the next level. See the prerequisites required for the subjects of your choice. Some subjects may be started in Year 12.

## HOW TO CHOOSE YOUR COURSE

CAREER DIRECTIONS	+	SUCCESS	+	INTEREST	=	SUBJECT CHOICE
<p>If you know what you would like to be, ask your Dean, <i>Whanau</i> Teacher or the Careers Adviser what subjects you need to take.</p> <p>If you don't know – keep your subjects as wide as possible. Include English and Maths if possible.</p>		<p>Do you have the prerequisites to continue with this subject?</p>		<p>Add to your record, your interest.</p>		<p>Investigate carefully all subjects you are interested in.</p> <p>Use the Personal Planner to help you map out your course while you are at College – plan ahead.</p>



## COURSES OF STUDY

Learning Areas	Year 9	Year 10	Year 11 NCEA Level 1	Year 12 NCEA Level 2	Year 13 NCEA Level 3
<b>Spiritual Wellbeing, Attitudes &amp; Values</b>	(Religious Education) <u>Takitoru</u>	<u>Religious Education</u>	<u>Religious Education</u>	<u>Religious Education</u> or: Ethics & Philosophy	<u>Religious Studies</u>
<b>English</b>	(English) <u>Takitoru</u> Language Extension	<u>English</u> Language Extension	<u>English</u> English for Literacy	<u>English</u> English for Literacy Media Studies	English Media Studies
<b>Learning Languages</b>	French ESOL <i>Te Reo Maori</i> (SPC) <i>Japanese</i> (SPC)	French ESOL <i>Te Reo Maori</i> (SPC) <i>Samoan</i> (SPC) <i>Japanese</i> (SPC)	French ESOL <i>Te Reo Maori</i> (SPC) <i>Samoan</i> (SPC) <i>Japanese</i> (Corres)	French Academic English (for NESB) <i>Te Reo Maori</i> (SPC) <i>Samoan</i> (SPC) <i>Japanese</i> (Corres)	French Academic English (for NESB) <i>Te Reo Maori</i> (SPC) <i>Samoan</i> (SPC) <i>Japanese</i> (Corres)
<b>Mathematics</b>	<u>Mathematics</u>	<u>Mathematics</u>	<u>Mathematics</u> <u>Applied Mathematics</u> Accounting	Mathematics Accounting	Maths with Calculus Statistics and Modelling <i>Accounting</i> (SPC)
<b>Science</b>	<u>Science</u>	<u>Science</u>	<u>Science</u> <u>Science 2 (Internal)</u>	Biology Chemistry Health Science (L2) Physics	Biology Chemistry Health Science (L2) Physics
<b>Technology</b>	<u>Information Technology</u> <u>Textiles Technology</u>	Information Food Technology	Digital Technology	Digital Technology	Digital Technology
				Digital Design	Digital Design
	<u>Food Technology</u>			Food Technology	Food Technology
<b>Social Sciences</b>	<u>Social Studies</u>	<u>Social Studies</u>	Economics Geography History	Economics Geography History Media Studies <i>Classical Studies</i> (SPC)	Classical Studies Geography History Media Studies <i>Economics</i> (SPC)
<b>The Arts</b>	<u>Core Music</u> Art Drama Performance Music	Art Performance Music	Practical Art Performance Music	Practical Art Performance Music <i>Drama</i> (SPC)	Music Practical Art - Painting - Design - Photography Art History (Corres) <i>Drama</i> (SPC) } As required
<b>Health &amp; Physical Education</b>	<u>Physical Education</u> <u>Health</u>	<u>Physical Education</u> <u>Health</u>	<u>Physical Education</u> <u>Health</u>	Physical Education <u>Career Education</u>	Physical Education

Core or compulsory subjects underlined

## OPTION COURSE

# ACADEMIC ENGLISH FOR STUDENTS FROM A NON-ENGLISH SPEAKING BACKGROUND (NESB)

**LEVEL:** 12, 13

**TIMETABLE CODE:** 12AE

**AIM:**

To increase students' fluency across the skills of listening, speaking, reading and writing to the level that they are able to operate independently in the community or achieve in content classes.

**ENTRY LEVEL:** Year 11, 12 or 13

**PREREQUISITES:**

Minimum Elementary level English  
Student's whose first language is not English  
OR students who come from a non-English speaking background

**OBJECTIVES:**

The course aims to ensure that all students:

- Leave the college with a good level of communicative English across the four skills: reading, writing, speaking, listening
- Have a course of study that best suits their needs
- Are encouraged and assisted to become familiar with New Zealand culture.

**COURSE CONTENT:**

Academic English for NESB students is a two to three year programme offering different levels of assessment depending on the language level of each student. This gives all students the chance to participate in a full class programme of related activities.

Each week students will undertake activities strengthening reading, writing, speaking and listening, grammar and vocabulary. There will be a continued focus on academic writing skills. This is integrated into thematic units of work. Students will continue to learn the vocabulary required for academic studies.

**ASSESSMENT:**

**Internal**

Unit Standards will be offered at Levels 1, 2 and 3 making it possible for students to achieve at their own language ability level. Students can expect to achieve 20-30 credits depending on their level and motivation.

Academic English for NESB students will also support the work of Senior Literacy and English classes providing multiple opportunity for success in NCEA.

**LEADS ON TO:**

- tertiary study in a variety of subjects
- competence in content classes
- competence in English skills for a range of employment opportunities

**OPTION COURSE****ACCOUNTING****LEVEL:** Year 12**TIMETABLE CODE:** 12AC**AIM:**

- Accounting gives students the tools to make real life financial decisions in a constantly changing and uncertain world.
- Accounting is the process of preparing and communicating financial information to a wide range of users.
- Accounting enhances financial literacy.
- Accounting helps individuals and organisations to be accountable to stakeholders for their actions.
- Accounting enables students to develop the knowledge and skills to manage the financial affairs of individuals, communities and businesses.

**ENTRY LEVEL:** Year 12

**PREREQUISITES:** 16 credits at Level 1 Accounting  
Students new to accounting are welcome, subject to approval from the TIC Commerce.

**OBJECTIVES:**

On completing this course students should be able to:

- **Process:** gather and sort financial information that can be used to prepare financial statements.
- **Report:** prepare financial statements for a variety of users to provide information about their financial performance and position.
- **Interpret and make decisions:** interpret the financial statements for a variety of users to enable decisions to be made.
- **Develop digital literacy:** embrace relevant technologies in all aspects of accounting to reflect modern business practices. Students will use MYOB to process transactions.
- **Manage financial affairs**

**ASSESSMENT:**

2.1	Demonstrate understanding of accounting concepts for a sole proprietor that operates accounting subsystems	<b>External</b>	<b>4 credits</b>
2.2	Demonstrate understanding of accounting processing using accounting software	<b>Internal</b>	<b>4 credits</b>
2.3	Prepare financial information for an entity that operates accounting subsystems	<b>External</b>	<b>5 credits</b>
2.4	Interpret accounting information for sole proprietors that operate accounting subsystems	<b>External</b>	<b>4 credits</b>
2.6	Demonstrate understanding of an accounts receivable subsystem for an entity	<b>Internal</b>	<b>3 credits</b>
2.7	Demonstrate understanding of an inventory subsystem for an entity	<b>Internal</b>	<b>3 credits</b>

**LEADS TO:** Year 13 Accounting  
Accounting Technicians Diploma

**OTHER DETAILS:**

Students are required to purchase from the College the workbooks relating to this course.

**OPTION COURSE****ART PAINTING****LEVEL:** Year 12/Year 13 (combined)**TIMETABLE CODE:** 12AP**AIM:**

To develop students' knowledge and experience of drawing and painting and to produce a portfolio of work that will help grow students' personal style of painting.

**ENTRY LEVEL:** Year 12/13**PREREQUISITES:** (for year 12 students) Year 11 art. Reaching an Achieved level or higher in the

Workbook and Portfolio, or in consultation with HoD.

(for year 13 students) Year 12 painting. Reaching an Achieved level or higher in the Workbook and Portfolio, or in consultation with HoD.

**OBJECTIVES:**

On completing the course students will be able to:

- Generate and develop ideas in a portfolio of work for painting.
- Understand the particular requirements in preparation for Year 13 painting (for year 12 students)
- Manage their time well and produce the artwork required at this level.

**COURSE CONTENT:**

Students will undergo one internal standard (workbook) and one external standard (portfolio) in painting.

**ASSESSMENT:****For year 12 students:**

AS 2.2	Workbook project.	6 credits	<b>Internal</b>
AS 2.3	Portfolio project.	12 credits	<b>Externally Moderated</b>

Note: Further standards/assessments may be available to students on an individual basis.

**LEADS ON TO:** Year 13 Painting**MATERIALS:**

\$100. This includes all paper, paint and drawing materials required for the year. Students will receive their Art Kit upon payment. Optional black art carry bags can be purchased from the Art Department for \$10 (hard case A3) or \$20 (soft canvas bag A2). Students can choose their bag when class has started.

## OPTION COURSE

# ART PHOTOGRAPHY

**LEVEL:** Year 12/Year 13 (combined)

**TIMETABLE CODE:** 12 APH

**AIM:**

To develop students' knowledge and experience of photography and to produce a portfolio of work that will help grow students' personal style of photography.

**ENTRY LEVEL:** Year 12/13

**PREREQUISITES:** Year 11 art is preferred but not essential. If numbers are an issue those students having taken art to year 11 will have preference.  
Non Art student entry is in consultation with the HoD.

**OBJECTIVES:**

On completing the course students will be able to:

- Generate and develop ideas in a portfolio of work for photography.
- Understand the particular requirements in preparation for Year 13 photography (for year 12 students)
- Manage their time well and produce the artwork required at this level

**COURSE CONTENT:**

Students will undergo one internal standard (workbook) and one external standard (portfolio) in photography.

**ASSESSMENT:**

**For year 12 students:**

AS 2.2	Workbook project.	6 credits	<b>Internal</b>
AS 2.3	Portfolio project.	12 credits	<b>Externally Moderated</b>

Note: Further standards/assessments may be available to students on an individual basis.

**LEADS ON TO:** Year 13 photography

**MATERIALS:** \$120. This includes all paper, paint and drawing materials required for the year. Students will receive their Art Kit upon payment. Optional black art carry bags can be purchased from the Art Department for \$10 (hard case A3) or \$20 (soft canvas bag A2). Students can choose their bag when class has started.

This fee also includes the printing costs of the portfolio at the end of the year.

**OPTION COURSE****BIOLOGY****LEVEL:** Year 12**TIMETABLE CODE:** 12BI**AIM:**

- To increase the knowledge and understanding and foster the enjoyment of Biology.
- To promote the relevance of Biology for informed decision-making in today's increasingly technological society.
- To further develop students' understanding and application of the scientific method in the study of living organisms by developing observational and experimental skills in the field and in the laboratory.
- To equip students with the skills and knowledge to attain at their highest potential in NCEA Level 2 Biology.

**ENTRY LEVEL:** Year 12**PREREQUISITES:** Students should have gained 12 credits or more in NCEA Level 1 Science.**COURSE CONTENT AND ASSESSMENT:**

This is an NCEA level 2 course with both internally and externally assessed Achievement Standards. Course content and assessment (approx. 20 credits) will be selected from the following Achievement Standards:

<b>Achievement Standard</b>	<b>Credits</b>	<b>Type</b>
2.1 Carry out a practical biological investigation with supervision	4	Internal
2.2 Analyse the biological validity of information presented to the public	3	Internal
2.3 Demonstrate understanding of adaptation of plants or animals to their way of life	3	Internal
2.4 Demonstrate understanding of life processes at the cellular level	4	External
2.5 Demonstrate understanding of genetic variation and change	4	External
2.6 Investigate a pattern in an ecological community	4	Internal
2.7 Demonstrate understanding of gene expression	4	External
2.8 Investigate biological material at the microscopic level	3	Internal

**LEADS ON TO:** Year 13 Biology**OTHER DETAILS:**

Students are required to purchase a write-on workbook at a cost of approximately \$25.

**OPTION COURSE****CHEMISTRY****LEVEL:** Year 12**TIMETABLE CODE:** 12CH**AIM:**

- To provide a basic foundation of knowledge and understanding about Chemistry, useful to an educated citizen.
- To promote the recognition of Chemistry as a distinct scientific discipline.
- To foster an awareness and appreciation of the scientific method and to encourage curiosity about Chemistry.

**ENTRY LEVEL:** Year 12**PREREQUISITES:** Gained 12 or more credits in NCEA Science Level 1 including 1.5 (Acids and Bases)**OBJECTIVES:**

On completing this course students should be able to:

- describe the preparation and properties of some common substances and be able to recognise patterns of chemical behaviour
- perform simple quantitative chemical calculations
- understand theories and concepts which account for selected chemical and physical properties of substances
- handle substances and equipment safely and understand the potential hazards of common chemicals
- apply the scientific method competently and confidently.

**COURSE CONTENT:**

- Quantitative Chemistry -- an in-depth approach to chemical formulae, equations and calculations.
- Atomic Structure and Bonding.
- Organic Substances -- alkanes, alkenes, alkynes, alcohols and carboxylic acids.
- Principles of Physical Chemistry -- exothermic and endothermic reactions, rates of reaction and factors affecting the rate of a chemical reaction.
- Oxidation -- Reduction reactions.
- Recent chemistry discoveries and developments.

**ASSESSMENT:**

This course assesses a minimum of 20 credits selected from Level 2 Chemistry Standards.

2.1	Carry out quantitative analysis	Internal	4 credits
2.3	Demonstrate understanding of the chemistry in a recent discovery or development	Internal	3 credits
2.4	Demonstrate understanding of bonding, structure and energy changes	External	5 credits
2.5	Demonstrate understanding of the properties of selected organic compounds	External	4 credits
2.6	Demonstrate understanding of chemical reactivity	External	4 credits
2.7	Demonstrate understanding of oxidation-reduction	Internal	3 credits

**LEADS ON TO:** Year 13 Chemistry and University/Polytech courses, eg, Engineering technician, Medical laboratory technician, Nursing, Scientific laboratory technician, Conservator**OTHER DETAILS:** Enrolment in this course is subject to the approval of the HOD of Science. It is expected that students will complete a two-year course of study in this subject.**COST:** Workbook \$25 (approx.)

## CORE COURSE

# CHRISTIAN ETHICS AND PHILOSOPHY OF RELIGION

**LEVEL:** Year 12

**TIMETABLE CODE:** 12EP

**AIM:**

The Religious Education Department takes as its philosophy that St Catherine's College is founded on the belief in:

- the sacredness, uniqueness and developing nature of the human person
- the Person and Gospel of Jesus Christ
- the intrinsic worth of the living Catholic tradition embodied in the Church
- the value of a community of staff, students and parents searching together to integrate culture and faith with every day living.

**ENTRY LEVEL:**

Year 12

N.B. Several assessments are set by NCRS at Level Two.  
Year 13 students would need to complete some individual study on Level 3 topics.

**PREREQUISITES:**

Achievement in at least two RE Standards + Level 1 NCEA certificate

**OBJECTIVES:**

On completing this course students should be able to:

- develop knowledge and understanding of the mystery of God and of Jesus Christ, of the Church and of the central beliefs which Catholics hold;
- develop awareness and appreciation of Catholic belief, understanding of its impact on personal and social behaviour and of the vital relationship between faith and life, life and faith;
- encourage study, investigation and reflection by the pupils;
- develop appropriate skills: for example, ability to listen; to think critically, spiritually, ethically and theologically; to acquire knowledge and organise it effectively; to make informed judgements;
- foster appropriate attitudes: for example, respect for truth; respect for the views of others; awareness of the spiritual, of moral responsibility of the demands of religious commitment in everyday life and especially the challenge of living in a multicultural, multifaith society.

**COURSE CONTENT:**

- World religions
- Judaeo-Christian influences on religious philosophy
- Ethical Theory: e.g. Natural Law; Virtue Ethics; Conscience
- Justice Ethics
- Philosophy of Religion: e.g. traditional arguments for the existence of God; the challenges to religious belief
- Sustainability and stewardship

**ASSESSMENT:**

Students will be assessed against Achievement Standards.

**NOTE:**

This subject is designed to enable students to develop an interest in and enthusiasm for a rigorous study of ethics and philosophy. This is an academic subject where knowledge and understanding will be developed to a specialist study of ethics and philosophy. Students will study this subject with an enquiring, analytical and empathetic approach to the study of ethics and philosophy.

**LEADS ON TO:** Tertiary Qualifications in Theology or Humanities; Careers in Diplomatic Corp, Architect, Psychologist, Public Relations.

## OPTION COURSE

# DIGITAL DESIGN

**LENGTH OF COURSE:** 1 Year

**TIMETABLE CODE:** 12DD

**AIM:**

Dream of designing your own logo? Business cards? Billboards? Digital Media is a new and exciting course that introduces the skills and knowledge to be independent designers. Students learn about historic design styles and design processes to implement creative solutions to a brief.

A student completing this course will be able to effectively research, create and evaluate designs using current industry standard Adobe software on Apple Mac technology.

**ENTRY LEVEL:** 12

**PREREQUISITES:**

Interest in design and apple mac software  
A creative mind and strong work ethic  
Ideally excelled Level 1 Art or ICT and English



**OBJECTIVES:**

On completion of the course students should be able to:

- Understand how to write and interpret a design brief
- Develop a conceptual designs for an outcome
- Identify typographic rules and features
- Undertake effective development to make and trial a prototype
- Use characteristics of a design movement or era to inform on design ideas
- Communicate design ideas visually using visual communication techniques to showcase a portfolio of design work
- Effectively use Adobe software such as: Photoshop, InDesign and Illustrator

**ASSESSMENT:**

AS (9000 nos unavailable)	Version	Standard Name	Credits	Assessment Method
2.3	1	Develop a conceptual design for an outcome	6	Internal
2.4	1	Undertake effective development to make and trial a prototype	6	Internal
2.33	1	Use the characteristics of a design movement or era to inform design ideas	3	Internal
2.30	1	Communicate design ideas using visual communication techniques	3	External

**ATTENDANCE:**

Minimum of 85% attendance is required. All absences must be appropriately documented. It is the student's responsibility that any time missed must be caught up at lunchtimes or after school.

**COURSE FEE:**

Students are required to pay a printing and materials fee of \$100. This needs to be paid early in the academic year.

**LEADS TO:** Year 13 Digital Design.

**CAREERS:**

Graphic designer, advertising, typographer, illustration, animation, web design, publishing, mac operator, product designer, sign-writer, publishing, and magazine artist.



**OPTION COURSE****DIGITAL TECHNOLOGY****LEVEL:** Year 12**TIMETABLE CODE:** 12DT**AIM:**

The aim of the Technology education is to develop students' technological literacy that will equip them to participate in society as informed citizens. Students will identify a need or opportunity to create a product which highlights an issue. Students will also be able to apply their ICT knowledge and skills to a variety of situations to create innovative outcomes.

**ENTRY LEVEL:** Year 12**PREREQUISITES:** NCEA Level 1 Information Management or HOD discretion**OBJECTIVES:**

On completion of this course students should be able to:

- Assist students to participate and critique the Nature of Technology
- Examine and develop a range of outcomes using Technological Practice
- Enable students to transfer their Technological Knowledge to other fields of learning
- Investigate and explain the features of a range of technologies and describe the relationship between their use, function, and operation
- Analyse different strategies and constraints on the communication, promotion, and evaluation of technological ideas and outcomes
- Use a range of appropriate techniques to collect, analyse, and appraise data to identify and refine consumer preferences and market needs and opportunities
- Investigate, assess, and report on the factors that led to changes in attitudes among some identified groups with regard to some technological developments
- Investigate and debate the perceived social and economic impacts of some specific examples of technological development

**COURSE CONTENT:**

The use of computers has changed the way we communicate with one another in recent years. Students will develop and understand sophisticated techniques to deliver messages in print, graphic or multimedia form.

**ASSESSMENT:**

Standard	Version	Standard Name	Credits	Assessment Method
2.40	1	Demonstrate understanding of advanced concepts of information systems used to manage shared information	3	External
2.41	1	Implement advanced procedures to produce a specified digital information outcome with dynamically linked data	6	Internal
2.1	1	Undertake brief development to address an issue	4	Internal
2.3	1	Develop a conceptual design for an outcome	6	Internal
2.4	1	Undertake effective development to make a trial prototype	6	Internal
2.42	1	Demonstrate understanding of the advanced concepts of digital media	4	Internal

**Please note:** Either 2.3 or 2.4 will be assessed due to credit value.

**LEADS TO:** Computing careers, administrative assistant etc.**OTHER DETAILS:** Students are required to pay a fee. In 2012, the fees will be \$60 or \$20 per term.

**OPTION COURSE****ECONOMICS****LEVEL:** Year 12**TIMETABLE CODE:** 12EC**AIM:**

To understand the current economic issues of trade, economic growth, employment and inflation. To understand government policies and how they impact on the above issues.

**ENTRY LEVEL:** Year 12

**PREREQUISITES:** 16 credits at Level 1 Economics  
Students new to economics are welcome subject to the discretion of the TIC Commerce.

**OBJECTIVES:**

On completing this course students should be able to:

- Understand how economic concepts and models provide a means of analysing contemporary New Zealand issues.
- Understand how government policies and contemporary issues interact.

**COURSE CONTENT:**

This is a very topical course that looks at everyday events and how they impact on the economy. By doing this course you can understand how economics influences your daily life.

**ASSESSMENT:**

AS Number	Achievement Standard	Credits	Assessment Method
2.1	Analyse inflation using economic concepts and models	4	External
2.2	Analyse international trade using economic concepts and models	4	External
2.3	Analyse economic growth using concepts and models	4	External
2.4	Analyse unemployment using concepts and models	4	Internal
2.5	Analyse statistical data relating to contemporary economic issues	4	Internal

**LEADS ON TO:** Year 13 Economics.  
Tertiary courses in commerce.

**OTHER DETAILS:** Students are required to purchase from the College the workbook which accompanies this subject.

**CORE COURSE****ENGLISH****LEVEL:** Year 12**TIMETABLE CODE:** 12EN**AIM:**

To develop and extend the skills learnt in Year 11; to present a student-centred programme.

**ENTRY LEVEL:** Year 12**PREREQUISITES:**

A minimum of 12 credits in NCEA Level 1 English with at least Achieved in one external assessment and either AS1.4 or AS1.5 (or both), or with the approval of the HOD.

**OBJECTIVES:**

On completing this course students should be able to:

- work effectively in co-operative & individual activities
- enjoy and analyse a range of literature
- analyse formal/informal, written and spoken language registers
- write in expressive, poetic and transactional style
- show an advance from Year 11 in speaking/listening, reading/writing, visual skills and in knowledge about language
- gain University Entrance literacy requirement (5 credits reading; 5 credits writing)

These objectives cover the range of objectives of English in the NZ Curriculum

**COURSE CONTENT:**

- The command of written and spoken English
- Write frequently in a range of different styles and genres
- Read a range of different books/articles/poems for comprehension and for personal pleasure
- The study of literature – drama, the novel, poetry, film and other forms of fiction and non fiction (not all genres need be covered)
- Production skills e.g. dramatic presentation, static image, etc.

**ASSESSMENT: All (or most) of the following Achievement Standards:****External**

2.1	Analyse specified aspect(s) of studied written text(s), supported by evidence.	4 credits
2.2	Analyse specified aspect(s) of studied oral text(s), supported by evidence.	4 credits
2.3	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence.	4 credits

**Internal**

2.4	Produce a selection of crafted and controlled writing.	6 credits
2.5	Construct and deliver a crafted and controlled oral text.	3 credits
2.7	Analyse significant connections across texts, supported by evidence.	4 credits
2.9	Form developed personal response to independently read texts, supported by evidence.	4 credits

Some extra Unit Standards may be offered in individual circumstances.

**LEADS ON TO:** Year 13 English; Some Tertiary level courses; Workforce

Many careers require good English skills e.g. private secretary, advertising, salesperson (especially in the book trade), clerical work, reporter, writer, actor, welfare worker, and conservator.

**ENGLISH FOR LITERACY**

**LEVEL:** Year 12 Literacy

**TIMETABLE CODE:** 12LI

**ENTRY LEVEL:** Year 12

**PREREQUISITES:** Year 11 English, and approval of HOD

This course is designed for students who need to work at a slower pace. It is suitable for students who have not gained entry to Year 12 English, and who need to gain University Entrance literacy requirements.

**OBJECTIVES:**

On completing this course students should be able to:

- write clearly, correctly and interestingly in a variety of genres
- speak and listen effectively and appropriately
- read and analyse a range of texts, both written and visual
- carry out research

These objectives cover the range of objectives of English in the NZ Curriculum

**COURSE CONTENT:**

Students will study two or three works of literature in different genres (e.g. novel and film) but will be assessed according to individual need.

This course is very individualised. Each student will work with the teacher to set individual goals and plan her course of study around the set texts.

Students will focus on improving reading and writing skills to reach a satisfactory Level 2 standard.

**ASSESSMENT:**

Students will be assessed in Achievement Standards 2.4, 2.7 and 2.9, with the possibility of one external assessment if suitable.

A reduced external assessment load for NCEA Level 2 English is offered at the end of the year.

**LEADS ON TO:** NCEA Level 2  
or Year 13 English for Literacy (with HOD approval)

Many careers require good English skills e.g. word processing, clerical, computer operator, salesperson, library assistant, advertising, industrial relations, public relations, court reporter, travel agent/consultant.

**OPTION COURSE****FOOD TECHNOLOGY**

<b>LEVEL:</b>	Year 12
<b>TIMETABLE CODE:</b>	12 FT
<b>ENTRY LEVEL:</b>	Yr 12 - By application
<b>PREREQUISITIES:</b>	Entry to Yr 12. An interest in design and creativity.

**OBJECTIVES:**

On completing this course students should have:

- gained credits for Achievement Standards on the National Framework.
- a knowledge of safe food practices and kitchen hygiene.
- an understanding of nutrition and the technology design process.
- explored current mass food production trends.
- understand development of a food product and its marketing.

**COURSE CONTENT:**

- NZQA Achievement Standards.
- The course comprises both theory and practical work.

**ASSESSMENT:**

Achievement Standard	Course title	Level	Credits	Assessment Method
2.1	Undertake brief development to address an issue.	2	4	Internal
2.6	Demonstrate understanding of the role of material evaluation in product development.	2	4	External
2.12	Demonstrate understanding of advanced concepts used in manufacturing.	2	4	Internal
2.61	Demonstrate understanding of advanced concepts used in processing.	2	4	Internal
2.62	Demonstrate understanding of advanced concepts used in preservation and packaging techniques for product storage.	2	4	Internal

**PROCESSING TECHNOLOGY ACHIEVEMENT STANDARDS CAN LEAD ON TO:**

- Food technologists, nutritionists, food engineers, Food Technology Teacher, primary health workers, food laboratories.

**COURSE FEE:**

- Students will be required to pay a fee of \$25 per term.
- Because of the large financial input of this course a high level of commitment will be required from the students enrolling.

**OPTION COURSE****FRENCH****LEVEL:** Year 12**TIMETABLE CODE:** 12FR**AIM:** To improve students' competence in the four language skills.**ENTRY LEVEL:** Year 12**PREREQUISITES:** Year 11 French**OBJECTIVES:**

On completing this course students should be able to:

- communicate in a wide range of situations
- understand spoken and written French at a level appropriate to 4<sup>th</sup> year students.
- write in a wide range of contexts using an expanded range of vocabulary and structures

**COURSE CONTENT:**

Teaching is based on a selection of themes. Cultural aspects are integrated into language work.

**ASSESSMENT:****External**

2.1 Listening	Demonstrate understanding of a variety of spoken French texts on familiar matters	5 credits
2.4 Reading	Demonstrate understanding of a variety of written/visual French text(s) on familiar matters	5 credits
<b>Total credits:</b>		<b>10</b>

**Internal**

2.2 Speaking	Give a spoken presentation in French that communicates information, ideas and opinions	4 credits
2.3 Speaking	Interact using spoken French to share and justify information, ideas and opinions	5 credits
2.5 Writing	Write a variety of text types in French for genuine contexts	5 credits
<b>Total credits:</b>		<b>14</b>

**LEADS ON TO:**

Year 13 French

Ability to take some courses in French language at University.

Career opportunities include:

- hospitality
- tourism
- commerce
- marketing
- diplomacy
- teaching

# GATEWAY

St Catherine's College has been contracted by the Tertiary Education Commission to run the Gateway programme for the academic year. This programme enables senior students to participate in structured workplace learning one day a week during the year. The scheme is designed to be flexible and meet the needs of the employer as well as the student and school. There is no cost to the employer or student, other than time. Assistance with travel and suitable work clothes is available.

**LEVEL:** Year 12 and 13

**TIMETABLE CODE:** 12GW

**AIM:**

Gateway is designed to prepare students for meaningful employment beyond school by gaining practical skills in the workplace.

**ENTRY LEVEL:** Year 12 and 13

**PREREQUISITES:**

- Motivation
- Commitment
- Interest in a career in a particular industry

**OBJECTIVES:**

Students will collect a wider range of skills than can be provided at school. Gateway can assist students into full-time employment by gaining industry specific Unit Standards which will lead towards a National Certificate.

**COURSE CONTENT:**

**Practical:** Students will attend a work placement one day a week.

**Theory:** Unit Standards will be offered in the following areas:

- Business Administration
- Community support
- Early Childhood Education
- Hospitality
- Retail
- Tourism

**SELECTION PROCESS:**

Visit the Career Adviser for an application form. Once returned, students will be selected for the course through an interview process.

## OPTION COURSE

# GEOGRAPHY

**LEVEL:** Year 12 Level 2 NCEA

**TIMETABLE CODE:** 12GE

**AIM:**

The aim of this course is to provide a follow on from Year 11 and to help students develop an understanding of the total environment. Students look at the continents of New Zealand, Asia and South America and Europe.

**ENTRY LEVEL:** Entrance to Year 12

**PREREQUISITES:** Achievement in one externally assessed standard and at least one of 1.3, 1.5, 1.6, 1.7 (internally assessed).  
**If new to subject at Year 12 – must have approval of HoD.**

**OBJECTIVES:**

On completing this course students should be able to:

- understand the geographic ideas in this course
- understand that landscapes change over time and space
- carry out research
- use advanced geographic skills in class work
- understand some global issues in Geography
- understand that people's perceptions of events and places can differ greatly
- understand how natural and cultural processes change over time.

**COURSE CONTENT:**

The study looks at three main topics:

- Natural landscapes
- Urban settlement
- Differences in development

These topics will be studied within the context of the geographic ideas of:

- location, distance, accessibility
- patterns, processes and regions
- interaction
- change
- systems

Selection of topics includes:

- Terminology of Geography
- New Zealand natural landscapes
  - (i) Mountain landscapes – Taranaki volcanic zone (TV2)
  - (ii) Volcanic processes
  - (iii) Use of natural landscapes – Taranaki
- Urban Settlements – Wellington. Patterns in the city
- Skills Ideas and Processes in Geography.

**ASSESSMENT:****External**

2.1	Natural Environments	3 credits
2.3	Disparities in Development	3 credits
2.4	Apply Skills	4 credits

**Internal**

2.2	Urban Patterns	3 credits
2.5	Guided Research	5 credits
2.6	Contemporary Issues	3 credits
2.7	Global Study	3 credits

Some unit standards may be available in this course.

**OPTION COURSE****HEALTH SCIENCE**  
(Level 2)**LEVEL:** Year 12**TIMETABLE CODE:** 12HS**OVERVIEW:**

This course covers aspects of human biology, anatomy and health and is designed for students who want to study nursing or health sciences at tertiary level but will also be of interest to many students who do not want to continue science further but who have an interest in their own health and making good health choices.

This course will be rich in community involvement with visitors from health professionals, class trips to hospitals, laboratories etc. and relationships with mentors from the health field.

The course would also include a 2-3 day first aid course and students would receive a first aid certificate.

**ENTRY LEVEL:** Year 12

**PRE-REQUISITES:** There is no pre-requisite for this course although it would be advantageous for students to have writing credits at Level 1 or be studying ESOL to continue improvement in literacy skills.

**ASSESSMENT:**

This course would consist mostly of internally assessed standards. There would be one externally assessed standard offered to those capable of achieving this. (This external paper is covered in the L2 Biology course and could be attempted the following year if students want to continue their Biology study.)

Paper Code	Level	Paper Title	Context	Credits	Assessment Type
BIO2.1	2	Carry out a practical investigation in a biology context, with supervision	Health and human biology	4	Internal
BIO2.2	2	Analyse the biological validity of information presented to the public		3	Internal
BIO2.3	2	Demonstrate understanding of adaptation of plants or animals to their way of life		3	Internal
BIO2.4	2	Demonstrate understanding of life processes at the cellular level		4	External
BIO2.8	2	Investigate biological material at the microscopic level		3	Internal

**OPTION COURSE****HISTORY****LEVEL:** Year 12**TIMETABLE CODE:** 12HI**AIM:**

- To interpret the different perspectives held about specific historical events and their responses.
- To examine the causes and consequences of historical events and the effect these events had on people.
- To build on skills learnt in Year 11 History.

**ENTRY LEVEL:** Year 12 History

**PREREQUISITES:** 12 credits or more in Year 11 History, including Achievement Standard 1.5, or **only with the approval of the TIC of History**.  
If doing this subject for the first time, students must have Level 1 Literacy and 12 credits in Year 11 English.

**OBJECTIVES:**

On completing this course students should be able to:

- Gather information competently from a wide range of sources; make sure they are relevant to the topic and reference those sources properly.
- Show evidence of processing information by selecting relevant material for a given topic, distinguish fact from opinion; recognise points of view and understand historical terms.
- Communicate information using different historical conventions.
- To develop logical arguments based on historical facts and the ability to analyse and interpret those facts within a specific historical context.

**ASSESSMENT:****Internal**

2.1	Carry out a planned inquiry of an historical event, or place, of significance to New Zealanders	4 credits
2.2	Examine an historical event, or place, of significance to New Zealanders	5 credits
2.4	Interpret different perspectives of people in an historical event of significance to New Zealanders	5 credits

**External**

2.3	Examine sources of an historical event of significance to New Zealanders	4 credits
2.5	Examine causes and consequences of a significant historical event	5 credits

**LEADS ON TO:** Year 13 History

Employers value History students' skills in information gathering and sorting, writing effectively and in thinking clearly, critically and imaginatively.

Jobs include: government, journalism, education, policy analysts, law and historian.

Jobs include: Member of Parliament, teacher, historian, translator, author, lawyer, valuer, archaeologist and journalist.

**OPTION COURSE****MATHEMATICS**  
**NCEA LEVEL 2****LEVEL:** Year 12**TIMETABLE CODE:** 12MA**AIM:**

To extend students' knowledge in Measurement, Algebra, Geometry and Statistics, providing a general course from NCEA level 2.

**ENTRY LEVEL:** Year 12

**PREREQUISITES:** 16 credits of NCEA level 1 Mathematics including a pass in both AS 1.1 and AS 1.2 (a Merit pass is preferable in these two standards), AS 1.5, 1.6 and 1.8. Individual cases may be discussed with HOD.

**OBJECTIVES:**

On completing this course students should be able to:

- demonstrate mathematical skills in Measurement, Geometry, Algebra & Statistics, including the ability of applying these skills to familiar and unfamiliar situations
- show a variety of approaches to solving problems in mathematics
- show the ability to think and reason logically.

**COURSE CONTENT:**

A selection of Achievement Standards up to a maximum of 22 credits from the following standards:

**Internal**

2.1	Solve co-ordinate geometry problems	2 Credits
2.4	Apply trigonometric relationships to solve problems	3 Credits
2.9	Use statistical methods to make inferences	4 credits
2.10	Conduct an experiment to investigate a situation using statistical methods	3 credits
2.13	Design and carry out a simulation	2 credits

**External**

2.6	Solve algebraic problems	5 credits
2.7	Apply calculus methods to solve problems	5 credits
2.12	Demonstrate understanding of probability	4 credits

**LEADS ON TO:** Year 13 Maths with Calculus  
Year 13 Statistics and Modelling

**CAREERS:**

Most careers which require tertiary study, including Electronics, Architecture, Teaching, Sciences, Psychology.

**OPTION COURSE****MEDIA STUDIES****LENGTH OF COURSE:** 1 Year**TIMETABLE CODE:** 12MD**AIM:**

Media Studies students gain knowledge, skills and attitudes about the role and influence of the media in society. They will investigate specific issues and examples of media and develop the skills to produce innovative print media (journalism skills).

A student completing this course will gain credits towards NCEA Level 2, at the same time as producing authentic media examples towards a portfolio.

**ENTRY LEVEL:** Year 12

**PREREQUISITES:** At least 12 credits of Level One English.  
Students must have a creative ability with a strong work ethic.

**OBJECTIVES:**

On completing this course students should be able to:

- Demonstrate knowledge of the role of media in society (newspapers, television, radio, film, video)
- Apply skills to produce authentic media exemplars (e.g. short film, magazine, school newspaper, etc).
- Use multimedia applications to assist in research and assignment work.
- Demonstrate a mature and evaluative attitude to various media forms.

**COURSE CONTENT:**➤ **Skills**

- Visual document design and production
- Producing a range of audience-appropriate text

➤ **Knowledge**

- Basic concepts of film production
- Basic concepts of print media production
- History of the role of media in society

➤ **Attitudes**

- Recognition of the influence of media in society
- Applying mature, critical evaluation to a range of media

**ASSESSMENT:**

- Ongoing class work
- One major production assignment
- NCEA Level 2 Media Studies (internal and external standards)
- Some Unit Standards may be offered

**Level 2 Achievement Standards are used**

AS90276	2.1	Demonstrate understanding of media audiences	3 credits	External
AS90277	2.2	Close read unfamiliar media text	3 credits	Internal
AS90278	2.3	Demonstrate understanding of messages, values and representations within media text	3 credits	External
AS90281	2.6	Design and produce, a media product	4 credits	Internal
AS90282	2.7	Utilise technology in the production of a media product	3 credits	Internal
AS90283	2.8	Demonstrate understanding of media production process	2 credits	Internal

**LEADS TO:** NCEA Level 3  
Career paths in journalism, television, film and video production.

**OPTION COURSE****MUSIC****LEVEL:** NCEA Level 2**TIMETABLE CODE:** 12MP**OBJECTIVES:**

To foster musical achievement through the analysis, description, transcription, creation, and performance of music, providing students with a balanced and fulfilling course.

**ENTRY LEVEL:** Year 12**PREREQUISITES:** Year 11 Music or Grade 4 Theory and Performance Exams**OBJECTIVES:**

On completing this course students should be able to:

- analyse and describe set works using specific musical terminology;
- perform and interpret contrasting pieces of music using appropriate presentation skills;
- compose more sophisticated pieces of music;
- create an instrumentation from a piano score;
- describe and transcribe more complex rhythms and melodies;
- identify, describe and analyse musical scores.

**COURSE CONTENT AND ASSESSMENT**

Level 2 Achievement Standards are used:

Aspect	Description	Achievement Standard Number		Achievement Standard Title	Credits
Performance	Performance of pieces studied in Instrumental/Voice lessons	90264	2.1	Present contrasting performances as a featured soloist	6 (Internal)
		90265	2.2	Present a music performance as a member of a group	3 (Internal)
Composition	The development of musical ideas to create original pieces of music and arrange existing ones to form instrumentations.	90266	2.3	Compose a selection of music pieces	5 (Internal)
		90267	2.4	Create an instrumentation	2 (Internal)
Theory and Score Reading	The study of the technical aspects of music through theoretical concepts and musical scores.	90268	2.5	Demonstrate an understanding of the materials and processes of a range of music	2 (External)
Musicianship	The identification and description of music through written notation.	90269	2.6	Demonstrate aural skills through description and transcription of music	2 (External)
History of Music	The study of musical works in their historical and social contexts.	90270	2.7	Demonstrate knowledge and understanding of music works	4 (Internal)

**FEES:**                               \$12 Course Work Book  
  \$20 Theory Book  
  \$ 7 Aural and Score-Reading  
  \$15 Photocopying  
  \$120 Hireage per year for woodwind, brass or string instruments

Students must have private itinerant lessons, either at the college (\$50 per term) or out of school.

School trips are offered through the year and often relate to the course material.

**LEADS ON TO:**                       NCEA Level 3 Music; a career in the Arts

**OPTION COURSE****PHYSICAL EDUCATION****LEVEL:** Year 12**TIMETABLE CODE:** 12PE**AIM:**

- Give the students a knowledge, understanding and appreciation of the human body as it relates to movement and performance.
- Allow the students to apply their knowledge and understanding through a range of learning experiences.
- Gain an appreciation of the contribution that physical activity has to the development of healthy living.
- Develop students' performance in motor skill activity.
- Provide opportunities for personal and social development through individual and group activities.

**ENTRY LEVEL:** Year 12

**PREREQUISITES:** The completion of 18 credits in NCEA Level 1 PE  
 or  
 If the student did not take NCEA level 1 PE, then they must have at least 12 credits in English and Science. Entry will also be at the discretion of the head of department for Physical Education.

**OBJECTIVES:**

On completion of the course students should be able to analyse sporting performance, have an understanding of biomechanical principles, anatomy, physiology, training programmes, diet and nutrition and coaching.

**ASSESSMENT:**

Pupils will be assessed on a variety of topics selected from the list below. A minimum of 22 credits will be on offer to all students.

NCEA Number	Assessment	Credits	Assessment Type
2.2	Demonstrate understanding of how biophysical principles relate to the learning of physical skills	5	Internal
2.3	Demonstrate understanding of the application of biophysical principles to training for physical activity	4	Internal
2.4	Perform a physical activity in an applied setting	4	Internal
2.6	Demonstrate understanding of leadership strategies that contribute to the effective functioning of a group	4	Internal
2.9	Demonstrate understanding of the implementation and outcomes of a physical activity, event or opportunity	3	Internal
2.10	Demonstrate understanding of group processes in physical activity	3	Internal

**LEADS ON TO:**

Physical Education Teacher, Sports Education, Physiotherapy, Medicine, Sports Science, Gymnasium Work, Personal Trainers, Recreation Officers, Air Force, Army, Dancer, Dietician/Nutritionist, Journalist (Sport), Navy, Park Ranger/Manager, Registered Nurse, Tertiary Teacher and other professions.

**OTHER DETAILS:**

There is a small compulsory charge \$60, for payment of outside facilities and instructors. This must be paid by Term 2.

Enrolment in this course is subject to the approval of the HOD of Physical Education.

**OPTION COURSE****PHYSICS****LEVEL:** Year 12**TIMETABLE CODE:** 12PH**AIM:**

- To gain some knowledge and understanding of the physical world around us.
- To promote the relevance of Physics in today's increasingly technological society.
- To equip students with the skills and knowledge to attain at their highest potential in NCEA Level 2 Physics.

**ENTRY LEVEL:** Year 12

**PREREQUISITES:** At least 12 credits in Year 11 Science, including Achieved Science 1.1 and Physics 1.1.  
Other students may be considered at the discretion of the HoD, Science.

**OBJECTIVES:**

On completing this course students should be able to:

- Show some of the skills and attitudes required for scientific investigation, problem solving and communication
- Appreciate some of the applications of physics in the everyday world
- Understand concepts and principles of physics and their use in familiar and simple unfamiliar situations
- Carry out experimental procedures and have developed laboratory skills associated with physics

**COURSE CONTENT:**

There are six sections, which cover the topics of movement and energy, electricity and simple electronics, light and waves, electromagnetism, and atomic physics. Most teaching and learning is based on practical activities, problem solving, collecting data and learning to interpret this.

**ASSESSMENT:**

This course assesses a minimum of 20 credits selected from Level 2 Physics Achievement Standard.

Internal		External	
AS 2.1	4 credits	AS 2.3	4 credits
		AS 2.4	6 credits
AS 2.5	3 credits	AS 2.6	6 credits
<b>Total</b>	<b>7 credits</b>	<b>Total</b>	<b>16 credits</b>

**(23 credits in total)****LEADS ON TO:**

Year 13 Physics and Beyond. It is a useful precursor to many apprenticeship and technical courses, Agricultural Engineering, Agriculture, Computer Engineering, Public Health Inspector, Radiography, Science degrees, Technician's certificate, Energy related careers, technology degrees, Medicine, Architecture, Engineering, Electronics, Communications technology, Transport technology, Physics Therapy, Physical Education, Pharmacy, Veterinary Science.

**OTHER DETAILS:**

Students will be required to purchase a workbook at a cost of approximately \$25.

**CORE COURSE****RELIGIOUS EDUCATION**

**LEVEL:** Year 12

**TIMETABLE CODE:** 12RE

**AIM:**

The Religious Education Department takes as its philosophy that St Catherine's College is founded on the belief in:

- The sacredness, uniqueness and developing nature of the human person.
- The Person and Gospel of Jesus Christ.
- The intrinsic worth of the living Catholic tradition embodied in the Church.
- The value of a community of staff, students and parents searching together to integrate culture and faith with every day living.

Religious Education classes follow the National Scheme, "Understanding Faith" prepared by the National Centre for Religious Studies.

**ENTRY LEVEL:** Year 12

**PREREQUISITES:** Achievement in some Level 1 Achievement Standards

**OBJECTIVES:**

On completing this course students should be able to:

- develop knowledge and understanding of the mystery of God and of Jesus Christ, of the Church and of the central beliefs which Catholics hold;
- develop awareness and appreciation of Catholic belief, understanding of its impact on personal and social behaviour and of the vital relationship between faith and life, life and faith;
- encourage study, investigation and reflection by the pupils;
- develop appropriate skills: for example, ability to listen; to think critically, spiritually, ethically and theologically; to acquire knowledge and organise it effectively; to make informed judgements;
- foster appropriate attitudes: for example, respect for truth; respect for the views of others; awareness of the spiritual, of moral responsibility of the demands of religious commitment in everyday life and especially the challenge of living in a multicultural, multifaith society.

**COURSE CONTENT:**

A selection of topics from the following:

Religions of the World	Christian Morality and Moral Development
Grief, Loss and Dying	The Church's Story
Biblical Studies	Christian Art and Architecture
Commitment and Ministry	

**ASSESSMENT:**

At least four topics are selected from the course content section and students are assessed by Achievement or Unit Standards for each topic of work studied. Those students who successfully pass **two** standards at Level 2 will be allowed, as of right, to do Level 3 standards. In other cases, entry to Year 13 would be at the Director of Religious Studies' discretion.

**LEADS ON TO:** Year 13 Religious Education; Qualifications in the field of Humanities.

## ART HISTORY

can be taken as a Correspondence School course at Year 12.

Students will need a demonstrated work ethic and a previous success in Art and History or English.

## DRAMA

Drama is offered at St Patrick's College subject to places being available.

### DRAMA 203

This course fosters personal development and helps students to understand the disciplines required for performance. The course emphasises personal and group skills, while familiarising students with the whole of dramatic performance. The course is a logical extension of Year 11 English, with particular emphasis on speaking, listening, shaping, moving and observing. It also expands on the literature, writing, production and research sections of Year 12 English

Prerequisites for entry: NCEA Level 1 in English to satisfaction of HOD

## LANGUAGES

Languages by Correspondence or at St Patrick's College

<b>SUBJECT:</b>	Maori and Samoan at St Patrick's College. Other languages may be studied at the Correspondence School
<b>PREREQUISITES:</b>	To study language by Correspondence students must have an established link with the language, either through previous study or experience. Also students must be self-motivated and have a history of excellent time management.
<b>AIM:</b>	On completing this course students should be able to: <ul style="list-style-type: none"><li>• Reach the appropriate standard for the level of language being studied.</li></ul>
<b>LEADS ON TO:</b>	Maori and Samoan are taught to NCEA Level 3 at St Patrick's College. Languages by Correspondence are available to Level 3 provided the student has attained the required level in the previous year.
<b>OTHER DETAILS:</b>	Enrolment in this course is subject to the approval of the HOD of Languages. It is expected that students will complete at least a two-year course of study in a language.

# KO NGĀ HOTAKA MĀORI – MĀORI LANGUAGE COURSE OUTLINES

<b>Course Title:</b>	<i>Te Reo Māori</i> – Year 12 Option
<b>Timetable Code:</b>	12MR
<b>Prerequisites:</b>	12 credits from Level 1 Te Reo Maori
<b>Aim:</b>	To extend written, spoken, listening and reading skills acquired from NCEA Level 1 Te Reo Maori, and to develop knowledge and understanding of the Maori world.
<b>Course Content:</b>	Students will continue to develop their knowledge in Te Reo Maori by participating and practising a number of tikanga to enhance their learning. The course covers topics such as kapa haka, powhiri, tangihanga, hakinakina and nga atua.
<b>This course leads to:</b>	Year 13 Maori  Degrees and Diplomas in Maori, Research, Political Studies, History  Careers as Interpreter, Teacher, Policy Analyst, Diplomat, Researcher, Journalist

## St Catherine's College Option lines 2012

Option A	Option B	Option C	Option D	Option E	Option F
<b>Level 3 Courses – required course for Year 13 students: Religious Education</b>					
<b>[Choose 5 subjects]</b>					
English	Biology	Religious Studies	History	Chemistry	English for Literacy*
Health Science	Digital Technology*		Geography	Digital Design*	Classical Studies
Photography *	Academic English*NESB		Statistics and Modelling	French	Mathematics with Calculus
Physics	Food Technology		Tourism	Gateway*	Media Studies
	Painting*			Physical Education	Music*

<b>Level 2 Courses – required courses for Year 12 students: English (or English for Literacy), Religious Education (or Ethics and Philosophy)</b>					
<b>[Choose 4 subjects]</b>					
Economics	Digital Technology*	Accounting	Chemistry	Digital Design *	Physical Education
Health Science	English	Biology	English for Literacy*	English	English for Literacy*
Geography	French	History	Ethics and Philosophy	Gateway*	Food Technology
Media Studies	Painting*	Religious Education	Mathematics	Physics	Mathematics
Photography*	Religious Education				Music
	Academic English* NESB)				

<b>Level 1 Courses - required courses for Year 11 students; English, Mathematics, Science, Religious Education/Physical Education</b>					
<b>[Choose 2 subjects]</b>					
French	Accounting	Applied Mathematics	Art	History	Science
Digital Technology	Religious Education/Physical Education	English	Economics	Mathematics	
Religious Education/Physical Education	Geography	Mathematics	English	Religious Education/Physical Education	Science 2 (internal)
	Music		English for Literacy*	ESOL	

\*indicates the class will be taught at two or more levels.

The following course are likely to be offered at St Patrick's College: Te Reo Maori Level 1,2,3; Samoan Level 1,2,3; Classical Studies Level 2, Drama Level 2; Accounting Level 3; Economics Level 3; Graphics Design Level 1, 2,3. Option lines are unknown at this stage. Please indicate on your selection sheet if you wish to study one of these courses.

## Senior Course Selection for 2012

Surname: \_\_\_\_\_

First Name: \_\_\_\_\_

Subjects taken this year: \_\_\_\_\_

**Intention for 2012 (please tick boxes and give other information if needed):**

- I will be returning to school for year 11/12/13 (circle)
- I may be returning to school
- I am definitely leaving school

If leaving, give details of intended school, course or workplace \_\_\_\_\_

Please fill in your option choices using the grid on the attached sheet. It is hoped that there will be less option clashes this way. Refer to your course information booklet for detail of each course. If there is a prerequisite for the course you wish to study you are advised to consult the HOD concerned.

	Option A	Option B	Option C	Option D	Option E	Option F
First choice						
Second choice						
Third choice						

List any courses you may be interested in studying at St Patrick's College:

\_\_\_\_\_

Career Intentions (if known):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Qualifications I wish to gain in 2012: \_\_\_\_\_

**This form should be signed and returned to the College Office by Tuesday, 25 October 2011.**

Signature of Parent or Caregiver: \_\_\_\_\_ Date: \_\_\_\_\_