

# MOUNT HUTT COLLEGE

**“Striving for Excellence”**



## **2012 Yr 11-13 Senior Course Booklet**

### **To all parents and students**

The purpose of this booklet is to provide you with some detail on the content of the various subjects taught at Mount Hutt College Methven. You should also attend the Subject Information evening to discuss these subjects with the teaching staff.

Students will have an interview to help them with planning their subject choices. Further information and advice is readily available from subject teachers, form teachers, deans and members of the guidance staff. Checking entry requirements for future years is important.

The availability of any subject option is dependant on staffing and the numbers of students wishing to take it. The school makes every effort to meet the needs of its students and, if any subject requested can not be staffed, alternative means are explored so that the students concerned are not disadvantaged.

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# Courses at a Glance

Level 1	Level 2	Level 3
	Accounting	Accounting
Agricultural/Horticultural Science	Agricultural/Horticultural Science	Agricultural/Horticultural Science
Art	Art	Art
	Biology	Biology
Business Studies		
	Chemistry	Chemistry
	Computer Studies	Computer Studies
DVC Graphics	DVC Graphics	DVC Graphics
Digital Technologies/Computing		
	Economics	Economics
Employment Skills	Employment Skills	
English *	English *	English
ESOL	ESOL	ESOL
French	French	
	Gateway	Gateway
Geography	Geography	Geography
Graphics	Graphics	Graphics
History	History	History
Home Economics	Home Economics	
	Lifeskills	Lifeskills
Mathematics *	Mathematics	Mathematics and Calculus Statistics and Modelling
	Media Studies	
Music	Music	Music
Outdoor Education	Outdoor Education	Outdoor Education
Physical Education	Physical Education	Physical Education
	Physics	Physics
Science *	Science	Science
Technology (Fabric, Hard Materials)	Technology (Fabric, Hard Materials)	Technology (Materials)
	Tourism	Tourism
	Trades Course	Trades Course

\* Compulsory subject. **These subjects will only run if class sizes are sufficient.** Some Correspondence or Cantanet Courses may be available

# INTRODUCTION

## Number of Subjects

All year 11 students are required to take 6 subjects including English, Mathematics and Science. Year 12 students take six subjects including a course in English. Year 13 students intending to qualify for entrance to a University should take five Year 13 level subjects.

## Prerequisites

Entry to Year 12 and Year 13 courses requires the Principal's approval. This depends on satisfactory results at a lower level. Parents are strongly urged to involve themselves in the process of selecting the most appropriate courses for their children.

A satisfactory level of attainment in at least 4 out of 6 subjects is needed for progression to the next level.

## Eligibility for Qualifications

Parents please note: senior students can be disqualified from awards because of:

- non completion of course requirements
- consistent failure to meet deadlines

## National Certificate in Educational Achievement (NCEA) Levels 1-3

### **Level 1**

80 credits required with at least 10 credits in both Literacy and Numeracy.

### **Level 2**

80 credits (60 at level 2).

### **Level 3**

80 credits (60 at level 3).

## NCEA Levels 1-3 Certificate Endorsements

### **Level Certificate Endorsement with Merit**

For a certificate to be endorsed with Merit, 50 credits at Merit or Excellence will be required at the same level, or higher, on the National Qualification Framework (NQF) as the certificate being awarded.

### **Level Certificate Endorsement with Excellence**

For a certificate to be endorsed with Excellence, 50 credits at Excellence will be required at the same level, or higher, on the NQFs the certificate being awarded.

### **Unit Standards**

For the most part, credits gained for unit standards will not contribute to endorsement of certificates, as they do not have grades of Merit or Excellence.

### **Course Endorsement**

Students will gain an endorsement for a course (SUBJECT) where they achieve:

1. 14 or more credits at Merit or Excellence in that course (subject).
2. at least 3 credits from externally assessed standards and 3 credits from internally assessed standards.
3. sufficient credits in a single school year.

**Note:** Physical Education, Religious Studies and level 3 Visual Arts will be exempt from (2) above.

## University Entrance Standard

Students are qualified for entrance to a university in New Zealand when they have obtained:

- a minimum of 42 credits at level 3 or higher on the National Qualifications Framework, including a minimum of 14 credits at level 3 or higher in each of two subjects from an approved subject list, with a further 14 credits at level 3 or higher taken from no more than two additional domains on the National Qualifications Framework or approved subjects.
- A minimum of 8 credits at level 2 or higher in English or Te Reo Maori; 4 credits must be in Reading and 4 credits must be in Writing. The literacy credits will be selected from a schedule of approved achievement standards and unit standards.

Please note the University Entrance standard has been reviewed with new requirements in 2014. As well most Universities have introduced additional requirements for guaranteed entry which take in to account merit and excellence results.

## Costs

Subject costs are indicated throughout the Course booklet as a guide and may vary slightly from year to year.

## Distance Education – Can Include Study With:

- The Correspondence School
- Distance learning programmes provided by groups of schools e.g. the CantaNet group
- Distance Learning Programmes which other providers supply e.g. Open Polytechnic

We have distance education facilities including video conferencing technology.

Some students, with the approval of the Principal, have been enrolled with the Correspondence School, Wellington, to study a subject by Correspondence work. The conditions for entry to these courses are determined by the Correspondence School. The student may have to pay for such a course.

Subjects taught by this method at the College in the past have been Year 13 German, Year 12 and 13 History, Year 13 Classics, and vocational subjects from other providers e.g. Hair Dressing.

Studying through Distance Education requires self-discipline and application but is excellent in terms of developing independent study skills.

School policy and the application form for Distance Education is available from the Senior Dean.

**Gateway and Trades Course** are programmes for Year 12 and 13 students.

## Accounting – NCEA Level 2

Consult with: *Mr Prouting*



### Pre-requisite:

Achieved in Year 11 Accounting Standards **or** strong academic performance and a consultation meeting with Mr Prouting **prior** to subject choice.

### Course Outline:

Continuing on from Level 1 this course covers the whole accounting process from transactions through to Financial Statements.

### Credits available:

Internal 7

External 13

\* Maximum number of credits = 24 for any student.

### Costs:

(Approx) \$5 for computer workbook if computer internal is done in that year.

## Accounting – NCEA Level 3

Consult with: *Mr Prouting*



### Pre-requisite:

Must have completed Year 12 Accounting. Consult with Mr Prouting prior to subject selection.

### Course outline:

This course builds on previous Accounting courses and focuses on partnerships, companies and management decision making.

### Credits available:

Internal Achievement standards 5

External Achievement Standards 16

\* Maximum number of credits = 24 for any student.

# Agricultural & Horticultural Science

## NCEA Level 1



**Consult with:** Mrs Jessep

Agriculture is taught in Years 10-13, with it being available in Year 13 if required. Students study a mixture of vocational Unit Standards and Achievement Standards.

**Pre-requisite:**

Nil

**Course outline:**

Agriculture at Year 11 is a mixture of Achievement and Unit standards. The Unit Standards are vocational units designed to assess the student's practical skills.

Unit Standards are taught and assessed by Agribusiness Training Ltd. They are taught on farms. Skills covered are Motorbikes/ ATV's and tractors. Safety is the prime consideration.

**Topics covered are:**

- Demonstrate knowledge of soil management practices
- Demonstrate knowledge of the geographic distribution of primary production in New Zealand
- Demonstrate knowledge of the impact of primary production management practices on the environment
- Demonstrate knowledge of pasture/crop management practices
- Demonstrate knowledge of livestock management practices

**Credits available:**

Internal

ITO Unit standards 10

Achievement Standards 10

External

Achievement Standards 9

\*Maximum number of credits = 24 for any student.

**Costs:** (Approx)

Transport as required

Course material \$30.00

# Agricultural & Horticultural Science

## NCEA Level 2



**Consult with:** Mrs Jessep

**Pre-requisite:**

Completion of Year 11 Agriculture or consult with Mrs Jessep.

**Course outline:**

A mixture of ITO Standards to be advised.

## Unit Standards

- Chainsaws
- Fencing
- Animal Handling

All Unit Standards are optional.

## Achievement Standards

### Internal

- Demonstrate understanding of livestock reproductive technologies – 4 credits.
- Demonstrate understanding of interactions between livestock behaviour and management practices – 4 credits.
- Report on the environmental impact of the production of a locally produced primary product – 4 credits.

### External

- Demonstrate understanding of the management practices influencing livestock growth and development – 4 credits.
- Demonstrate understanding of techniques used to modify physical factors of the environment for plant production – 4 credits.

### Credits available:

Internal 12  
Plus optional Ag ITO credits

External 8

### Costs:

Travel as required  
Course materials \$30.00

# Agricultural & Horticultural Science

## NCEA Level 3



Consult with: *Mrs Jessep*

### Pre-requisite:

Level 2 Agriculture

### Course outline:

- Research production of marketable primary production
- Investigate production and nationally significant product
- Explain how market forces effect supply and demand
- Explain market requirements of a nationally significant product
- Analyse a primary production environment issue

### Credits available:

Internal  
Achievement Standards 10

External  
Achievement Standards 14

# Art – NCEA Level 1

Consult with: Ms Ponweiser and Miss Watson



This is an essential subject for students wishing to develop their conceptual understanding of art and design practices. Art at this level complements the technologies and challenges of other subjects and enables students to learn critical reflection skills for creative enterprise in tertiary education and careers beyond secondary school. It is a practical, interesting and rewarding subject - especially for those willing to engage with a range of materials and explore more personal responses to information and problem solving.

## Pre-requisites:

Basic art and design skills to level 5 and a commitment to recording and exploring ideas visually is essential.

## Key Competencies:

Some self and time management skills; willingness to explore ideas and reflect critically; creative enterprise and persistence.

## Course Outline:

The course begins with a personal exploration of cultural identity and recording of visual information gathered from a range of sources, such as family/whanau, local landscape, photographs, memorabilia, et cetera. This will form the basis of all work for the rest of the year. Learning to view subject matter compositionally and imaginatively and developing techniques of layering and a personal aesthetic are important goals of the course. For this reason, learning from example (i.e. use of artist models) is a core aspect of the course, helping students to develop techniques and strategies to express their ideas. Opportunities for personal choices of subject matter and artist models are provided for those students who complete work in a timely manner and show good self-management. Field trips to view artworks and local subject matter may support class work where possible. Some of the Level 1 Visual Art standards provide opportunities for cross-curricula projects (eg. Graphics, Technology, Music) which can help minimise workload issues.

## Credits available:

Internal

1.1	4 credits
1.2	4 credits
1.3	6 credits
1.5	4 credits

External

1.4	12 credits (folio)
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\*Maximum number of credits = 24 for any student

## Costs:

Approximately \$60 art fee includes workbook, folio cardboard, assessment wallet, painting and printmaking materials. Students must provide their own personal gear, eg. carry case, technical pencils, erasers, blutak, masking tape and double-sided tape (required for attaching work to folio)

Field trip costs approximately \$40-50

# Art – NCEA Level 2

Consult with: Ms Ponweiser and Miss Watson



Level 1 and Level 2 Art are foundation courses for L3 and are essential for students intending to enter for externals in Level 3. Level 2 provides opportunities from Mid Year for individual project based work with flexible assessment options. Projects can involve more formal written work and / or practical work and there are options for extending either area for additional credits. Y13 students who have not previously attempted any senior Art standards are advised to choose either Level 1 or Level 2 Art – depending on skills and intentions. For example, some students may gain valuable skills and knowledge from taking a practical subject to broaden their CV, or to revisit career options. An outcome could be putting together a portfolio of work for entry to an Art or Design college (eg. CPIT, NatColl, D&A)

## Pre-requisites:

NCEA Level 1 Visual Art preferred.

## Key Competencies:

Good self and time management skills; readiness to explore ideas and reflect critically; creative enterprise and persistence.

## Course Outline:

The course may include up to 3 projects which involve investigating particular ideas and methods. In Term 1 and Term 2, projects will be founded in Photography and Design practice, but may involve working with a range of materials and techniques including painting, printmaking and moving image. Students will have some choices of artist models and subject matter, and will be encouraged to develop distinctive personal work in response. Project options for the second half of the year will be discussed at Mid Year. Students who successfully complete core work within the first half of the year can take full advantage of extension options offered in the second semester. Field trips to view artworks and local subject matter may support class work where possible. Some of the Level 2 NCEA Visual Art standards provide opportunities for cross-curricula projects (eg. Media Studies, Graphics, Tourism, Technology, Music) which can help minimise workload issues.

## Credits Available:

Internal

2.1	4 credits
2.2	4 credits
2.3	4 credits
2.5	4 credits

External

2.4	12 credits
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\*Maximum number of credits = 24 for any student

## Costs:

Approximately \$50 for essential course materials. Students must provide their own personal gear (e.g carry case, technical pencils, erasers, blutak, masking tape and double-sided tape (required for attaching work to mini folios)

Field trip costs approximately \$40-50.

# Art – NCEA Level 3

**Consult with:** Ms Ponweiser and Miss Watson



This is a very intensive course requiring deep research and extensive practical exploration. Students begin the year by initiating their own topic of investigation in a selected field (painting, printmaking, photography and design are offered) and they need to be well prepared to learn from example. Emphasis is on understanding particular forms and sources of contemporary practice, and developing more original work for a three-panel portfolio which is a high stakes, rigorous external standard. At Level 3, students need to make a strong time commitment to their work, establish systematic work habits and be prepared to engage fully in critical reflection from the very beginning of the year.

## **Pre-requisites:**

Successful completion of Level 1 and / or Level 2 Visual Art

**Key Competencies:** effective self and time management skills; readiness to explore ideas and methods in depth; use of critical reflection as an ongoing, cyclical process; creative enterprise and persistence.

## **Course outline:**

The course begins with a project which is research-focused to initiate ideas and establish procedural processes and understanding of assessment criteria. This project is intended to evolve into work for the external exam (folio). Students can choose later in the year to submit evidence for one or both of the internal standards (which may depend on their literacy strengths). Gathering of information and practical experimentation must lead to a feasible folio topic / proposal by the middle of Term two. The rest of the year is devoted to completing the folio. Field trips to view artworks and local subject matter may support class work where possible. Students who enter for the internals (3.1 and 3.2) but do not complete work, meet deadlines or reach required standards (NZ Curriculum Level 8) by Mid Year are unlikely to be able to complete a folio and may be required to continue work on internals for the remainder of the year.

## **Credits Available:**

3.1	4 credits
3.2	6 credits

External

3.3	14 credits (folio)
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\*Maximum number of credits = 24 for any student

## **Costs:**

Approximately \$50-100 for materials. Students must provide their own personal gear (e.g carry case, technical pencils, erasers, blutak, masking tape and double-sided tape (required for attaching work to folio panels). Field trip costs approximately \$40-50.

# Biology – NCEA Level 2

Consult with: *Mrs Winter*



## Pre-Requisite:

12 Credits from the External Achievement Standards at Level 1 or consultation with Mrs Winter.

## Course Outline:

The Biology course focuses on science as a process. It covers ecology, cells, genetics and evolution theory.

## Credits available:

External	12
Internal	8

## Costs:

\$30.00 (workbook) approx. Field Trip \$10 (approx).

# Biology – NCEA Level 3

Consult with: *Mrs Winter*



This course builds on level 2 Biology but a motivated academic student could begin Biology at this level.

## Pre-requisite:

Students need 9 credits from Level 2 Biology External Achievement Standards. Or consult with Mrs Winter.

## Course outline:

The course has 5 units

- Plant and animal behaviour
- DNA and phenotype
- Processes and patterns of evolution
- Trends in human evolution
- Biotechnology

Practical work and a field trip to Portobello is an important part of the course.

## Credits available:

Internal	
Achievement Standards	7
Unit Standards	4*

External

Achievement Standards	14 or 11*
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\* Maximum number of credits = 24 for any student.

\*dependent on group strength from year to year.

## Costs:

\$30.00 (Workbook). \$270 (field trip Portobello).

# Business Studies – NCEA Level 1

Consult with: *Mr Prouting*



## Pre-requisite:

Year 10 Business Studies **OR** a meeting with Mr Prouting **prior** to making subject choice and strong academic performance in year 10.

## Course Outline:

This course introduces students to subjects of Commerce, namely Economics and Accounting. This course will answer questions like “why do Kiwi’s have to pay so much for milk when there are so many dairy farms in NZ?” and “why is my business making losses even though I am selling all my stock?”

- Topics covered in Economics; Scarcity of resources, Supply, Demand and the Market.
- Topics covered in Accounting; Concepts, Financial Statements and related accounting entries, financial decision making.

**NOTE:** There are two external exams.

## Credits available:

Internal

Achievement Standards 3 Accounting (Financial decision making)

External

Achievement Standards 12 Economics (Demand, supply and the market)

Achievement Standards 8 Accounting (Concepts, financial statements)

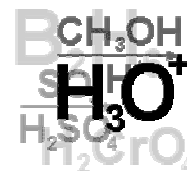
\* Maximum number of credits = 23 for any student.

## Costs:

Workbook \$22 (approx).

# Chemistry – NCEA Level 2

Consult with: *Mr Clark/Mr Tod*



## Pre-requisite:

14 credits from Level 1 Science.

## Course outline:

- Qualitative analysis
- Bonding, Structure and Energy
- Quantitative analysis
- Oxidation – Reduction
- Chemical reactivity
- Organic chemistry

Practical work is an important part of the course.

## Credits available:

Internal

Achievement Standards 10

External

Achievement Standards 13

**Costs:** Workbook approx \$30.00.

# Chemistry – NCEA Level 3

Consult with: *Mr Tod/Mr Clark*



This course builds on Level 2 Chemistry going into depth in each topic.

## Pre-requisite:

14 Level 2 Chemistry credits in total or 9 credits from external Achievement Standards.

## Course outline:

- Organic Chemistry
- Oxidation – Reduction
- Solubility
- Atomic structure
- Thermochemistry

Also a major practical component is an extended practical investigation involving quantitative analysis. Practical work is an important part of the course.

## Credits available:

Internal

Achievement Standards 7

Unit Standards 12

External

Achievement Standards 13

\* Maximum number of credits = 24 for any student.

## Costs:

Laboratory Manuals \$34.00

# Computer Studies – NCEA Level 2

Consult with: *Miss Eastup*



This course involves 2 or 3 compulsory units and a range of other theory and practical units which will enable students to gain experience in a variety of applications. It builds on some aspects of Year 11 Information Management & Computing and can lead to the **National Certificate of Computing – Level 2**

## Pre-requisite:

Level 1 Information Management or computer related credits, or a high (Merit) level of competence demonstrated in year 10 ICT.

## Course Outline:

8 or 9 Unit Standards

### Compulsory:

- Manage and protect data
- Use a word processor to create documents
- Demonstrate and apply knowledge of a personal computer system (if not taken at Level 1)

### Additional:

- Spreadsheets
- Flat file database

- Digital Technologies
- Computer peripherals
- Integrate documents
- Slide Show Presentation

**Credits available:**

Internal

Level 2 Unit Standards 26

Level 1 Unit standard 3 (if not taken in Year 11)

**Costs:**

(Approx) ring binder folder, plastic wallets, dividers, printing, USB stick (\$50.00).



## Computer Studies – NCEA Level 3

**Consult with:** *Miss Eastup*

This course builds upon the skills and knowledge of Computer Studies Level 2 and can lead to **National Certificate of Computing – Level 3**. The course aims to provide students with the core computer skills and competencies required for initial employment in computing, preparing and creating solutions for use within organisations, and to enhance readiness for further study in computing and related fields.

**Pre-requisite:**

Some credits gained at Level 2 computing (Ideally the 2 compulsory units: 2780, Demonstrate and apply knowledge of a personal computer system and 2781, Manage and protect data)

**Course Outline:**

5 Unit Standards:

- Desk top Publishing
- Spreadsheets
- Manipulating text (Compulsory)
- Flat file databases
- Interactive media product

**Credits available:**

Internal

Unit Standards 26

**Costs:**

Ring binder folder, plastic wallets, dividers, printing, USB stick (\$50.00 approx).

## Design & Visual Communication (DVC) Graphics – NCEA Level 1

**Consult with:** *Mr Pearce, Mr Jenkins*



This course builds upon the skills taught in Year 9 and 10. This course would benefit many students during their life as it improves one's understanding of design and formal drawings. Graphics is a discipline that helps develop in a person an eye for detail and neatness. It leads into careers such as: Engineering, Architecture, Advertising, Fashion Design, Landscaping, Computer Graphics and many others.

**Pre-requisites:**

Students should have studied Graphics at year 9 and 10.

**Course Outline:**

There are three sections of work; Design and present a solution for an Architectural or Environmental brief, Technology and Engineering, and Media and Illustration. Students design outcomes to problems presenting their ideas using a range of graphical techniques. There is an opportunity for students to attend a CAD course at CPIT in Christchurch.

**Credits available:**

Internal

Achievement Standards	11
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External

Achievement Standards	13
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**Costs:** \$40

## Design & Visual Communication (DVC) Graphics - NCEA Level 2



**Consult with:** *Mr Pearce, Mr Jenkins*

This course would benefit many students during their life as it improves ones understanding of design and formal drawings.

Graphics is a discipline that helps develop in a person an eye for detail and neatness. It leads into careers such as: Engineering, Architecture, Advertising, Fashion Design, Landscaping, Computer Graphics and many others.

**Pre-requisites:**

12 credits or better in Level 1 are usually needed for most students to succeed at this level. Pupils have to have completed US2433 to progress on the CAD course.

**Course outline:**

This course follows on from Level 1. There are three sections of work, covered by design briefs; Design and present a solution for an architectural or environmental brief, Technology and Engineering and Media and Illustration. Students use design processes to graphically solve problems. A CAD unit standard delivered by CPIT also forms part of the course.

**Credits available:**

Internal

Achievement Standards	12
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External

Achievement Standards	9
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**Cost:** \$40

# Design & Visual Communication (DVC) Graphics – NCEA Level 3



**Consult with:** *Mr Pearce, Mr Jenkins*

## **Pre-requisites:**

12 credits from Level 2 Graphics are usually needed to be successful at Level 3.

## **Course outline:**

There are three sections of work, Architectural or Environmental brief, Technology and Engineering and Media and Illustration. Pupils need to negotiate a brief and a solution by applying a design process.

## **Credits available:**

Internal

Achievement Standards 15

External

Achievement Standards 9

**Cost:** \$40

# Digital Technologies/Computing – NCEA Level 1

**Consult with:** *Miss Eastup*

This course involves a combination of Digital Technologies Achievement Standards and Computing Unit Standards. All components are internally assessed. In addition to building upon the skills gained at junior level, students will apply planning, design, research, analysis and problem solving techniques.

## **Pre-requisite:**

A reasonable level of competence demonstrated on the Year 10 ICT course (at least Achieved).

## **Course Outline:**

Three Achievement Standards

Four Unit Standards



## **Digital Technologies (Achievement Standards):**

- Implement basic procedures to produce a specified digital information outcome
- Demonstrate understanding of basic concepts of digital media
- Implement basic procedures to produce a specified digital media outcome

## **Computing (Unit Standards):**

- Demonstrate and apply knowledge of a personal computer system (essential for students who want to apply for the *National Certificate in Computing Level 2/3*).
- Find information using the Internet
- Produce simple desktop published documents using templates
- Use computer technology to create and deliver a presentation from a given context

## **Credits available:**

Achievement Standards 11

Unit Standards 10

**Costs:**

Ring binder folder, plastic wallets, dividers, printing, and USB stick (\$50.00) approx.  
 Maximum number of credits = 21 for any student.

## Economics – NCEA Level 2

**Consult with:** *Mr Prouting*

**Pre-requisite:**

Year 11 Business Studies **or** meeting with Mr Prouting **prior** to subject selection.

**Course Outline:**

This course deals with economic issues and theory relevant to the N.Z economy as a whole. Covering issues such as free trade, inflation, economic growth, employment, inequality and the role of the government.

**Credits Available:**

A full course of achievement standards is available with the possibility of a unit standard or achievement standard as an internal.

**Credits available:**

Internal

Unit standard or achievement standard	6
Achievement Standards	

External

Achievement Standards	18
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**Costs:** Workbook \$22 approx.

## Economics – NCEA Level 3

**Consult with:** *Mr Prouting*

**Pre-requisite:**

Year 11 Economics or strong academic ability. Consult with Mr Prouting prior to subject selection. Level 2 Economics an advantage.

**Course Outline:**

The course covers two parts: Micro-Economics looking at individuals, individual firms and industries. For firm's costs, revenues and profit maximising levels of output are examined. Macro-Economics looking at the N.Z economy as a whole building on the Year 12 course.

**Credits Available:**

Internal

Achievement Standards	5
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External

Achievement Standards	19
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**Costs:** Two workbooks \$40



# Employment Skills

Some students may be identified to take part in an Employment Skills programme which will include support for achieving Literacy and Numeracy Skills, especially the skills required to progress to Employment. Life Skills and Work Experience may be included in this programme depending on the needs of the individual student.

## English - NCEA Level 1

Consult with: *Mr Harper*



This course is a full Level 1 programme and the foundation for providing **Level 1 Literacy**. Minimum literacy is **ten credits** in any areas of the subject. Students are expected to do all units and assessments in the subject.

### Course Outline:

The course covers the major strands of the English Curriculum:

- Making Meaning: *Listening, Reading and Viewing.*
- Creating Meaning: *Speaking, Writing and Presenting*

The following units are studied during the course of the year.

- |   |          |
|---|----------|
| ▪ Creative writing in a range of contexts   | internal |
| ▪ Personal responses to different texts     | internal |
| ▪ Spoken or visual presentation             | internal |
| ▪ Connections between texts-theme study     | internal |
| ▪ Visual/oral text – film study             | external |
| ▪ Extended written text/short text          | external |
| ▪ Unfamiliar texts - close reading of texts | external |

### Credits available:

Internal Standards	14
External Standards	12

## English – NCEA Level 2

Consult with: *Mr Harper*



This course is a full Level 2 course and designed for students to achieve **Level 2 Literacy**. This requires **four credits in writing** and **four credits in reading**. Students are expected to attempt all units and assessments in the subject.

### Pre-requisite:

Recommended **ten credits** at **Level 1** or consultation with Mr Harper

### Course Outline:

The course covers the major strands of the English Curriculum:

- Making Meaning: *Listening, Reading and Viewing.*
- Creating Meaning: *Speaking, Writing and Presenting*

The following units are studied during the course of the year.

- Writing folio-a selection of crafted writing
- Spoken or Visual Presentation
- Personal responses to independently read texts



# English for Speakers of Other Languages (ESOL) – NCEA Level 1

Consult with: *Mrs Drummond*

This course helps international students with English, and includes working towards NCEA Level 1 Literacy. This requires a total of 10 credits in Literacy standards. Students take this as a **double** subject, which means they have two classes most days.

## Course outline

The course includes the major skills of listening, speaking, reading and writing English. The following units are studied during the year:

- About me
- Relating to Others
- Learning about the World

These topics lead to unit standard assessments in listening, speaking, reading, and writing.



## Credits available

Internal

Literacy Standards 10

ESOL Unit Standards 25

Please note, as stated above, this is a **double** subject, so it has more credits available than other subjects do.

External

There are no New Zealand external exams for ESOL.

# English for Speakers of Other Languages (ESOL) – NCEA Level 2

Consult with: *Mrs Drummond*

This course helps international students with English, and includes starting to work towards NCEA Level 2 Literacy. This requires a total of eight credits in English standards, four credits in writing, and four credits in reading. Students take this as a double subject, which means they have two classes most days.

## Course outline

The course includes the major skills of listening, speaking, reading and writing English. The following units are studied during the year:

- Relating to the World
- Crime

These topics lead to unit standard assessments in listening, speaking, reading and writing.



## Credits available

Internal

ESOL Unit Standards 17

Plus practising foundation work for level 3 ESOL and level 2 English for the following year. For example, students read some of the texts required for standard 12905, which they will complete in year 13.

External

There are no New Zealand external exams for ESOL.

# English for Speakers of Other Languages (ESOL) – NCEA Level 3

Consult with: Mrs Drummond

This course helps international students with English, and includes working towards NCEA Level 2 Literacy standards. This requires a total of eight credits in English standards, four credits in writing, and four credits in reading. These English credits, plus gaining enough level 3 credits in all subjects, will enable the student to enter a New Zealand university the following year. Students have just one class per day most days.

## Course outline

The course includes the major skills of listening, speaking, reading and writing English. The following areas are studied during the year: formal letters, academic vocabulary, root words, writing an opinion, and taking part in a discussion. Students also read a wide range of literature as part of the literacy requirements.

## Credits available

Internal

ESOL Unit Standards 15

English Unit Standards 9

Please note that students begin preparatory work in year 12 for half of these credits.

External

There are no New Zealand external exams for ESOL



# French – NCEA Level 1

Consult with: Ms Paterson



Senior Students have the opportunity to study French language at NCEA Level 1 through the New Zealand Correspondence School. Please refer to the **Distance Education** area of this course booklet for requirements.

## Course outline

Topics for NCEA Level 1 include:

- Demonstrate understanding of a variety of spoken French texts.
- Give a spoken presentation in French.
- Demonstrate understanding of a variety of written/visual French texts.
- Write a variety of text types in French.

## Credits available

Internal 9

External 10

# French – NCEA Level 2

Consult with: Ms Paterson



Senior Students have the opportunity to study French language at NCEA Level 2 through the New Zealand Correspondence School. Please refer to the **Distance Education** area of this course booklet for requirements.

## Course outline

Topics for NCEA Level 2 include:

- Listen to and understand complex spoken French in less familiar contexts.
- Give a prepared speech in French using complex language.
- Converse in French using complex language.
- Read and understand written French containing complex language.
- Write text in French using complex language on a less familiar topic.
- Write crafted text in French, using complex language, with the support of resources.
- Give a spoken presentation in French.
- Demonstrate understanding of a variety of written/visual French texts.
- Write a variety of text types in French.

## Credits available

Internal	9
External	15

# Gateway – NCEA Level 2 & Level 3



Consult with: *Mrs L. Schott*

This course is available to selected students wishing to explore study and practical work in a field of their choice. Subjects can include, but are not limited to:

Aviation	Computer Aided Design
Animal Husbandry/Soil and crop	Customer Service
Barista/Hospitality	Early Childhood
Carpentry	Engineering
Equine	Health Science
Journalism	Ski Technician
Sports Science	Motor Trades
Veterinary	

## Pre-requisite

Gateway is for students who have achieved well in NCEA Level 1 or 2, are mature, capable, trustworthy and able to work independently.

## Course Outline:

Students will be interviewed and assessed. Some subjects for Gateway will not involve a full year's study and can be chosen in addition to the six subjects (Year 12) or the five subjects (Year 13). Students will be expected to be at work for at least 2 hours per week for 2-3 terms. Some courses require full day absences for assessment of practical skills and only 10 week duration. Students will be expected to present their workbooks for regular assessment to the Gateway Co-ordinator, to monitor progress and assist with any problems. Students will have attendance in the workplace checked and signed off. Timetabled students will be able to work in a classroom with internet access for research and e-learning.

## Credits available:

All courses are based on Industry Unit standards. A maximum of 24 credits can be achieved by any student, unless prior permission is sought for courses with an excess of 24 credits eg. building courses.

## Costs:

The Gateway course is fully funded by the Tertiary Education Commission. Some assistance with transport is provided and work clothing and equipment is provided where necessary, e.g. workboots, protective clothing.

# Geography – NCEA Level 1

Consult with: Miss Baldwin



## Course Outline:

Geography is the study of the environment as the home of people. It seeks to interpret the world and how it changes over time – past, present, and future. It explores the relationships and connections between people and both natural and cultural environments.

Geography investigates the ways in which features are arranged on the earth's surface. It describes and explains the patterns and processes that create them.

These ideas are developed through studying different topics including:

- Current events related to Geography
- Conflict around the world
- Hazardous environments
- Fragile environments, such as rainforests and national parks
- Sustainability of resource use such as water and how this impacts people and the environment around the world

We will be looking at local geographic issues and conducting research on a fieldtrip. Developing geographic skills such as interpreting different types of resources, for example, maps and photos, is an important aspect of the course.

## Credits Available:

Internal: 13  
External: 8

## Costs:

Fieldtrip approx. \$150 (combined with History so if students are studying both subjects they will only have to pay one cost)  
Skills book \$20

# Geography- NCEA Level 2

Consult with: Miss Baldwin



This course builds on aspects of Year 11 (Level 1) Geography.

## Pre-requisite:

Study of Geography at Level 1 is an advantage. If students have not studied Geography before they should have satisfactory Level 1 results in related subjects such as English.

## Course Outline:

Geography is the study of the environment as the home of people. It seeks to interpret the world and how it changes over time – past, present, and future. It explores the relationships and connections between people and both natural and cultural environments.

Geography investigates the ways in which features are arranged on the earth's surface. It describes and explains the patterns and processes that create them.

These ideas are developed through studying different topics including:

- Natural environments, such as deserts and mountains
- World development, considering questions such as why are there differences in development? What are governments and organisations doing to improve development in some parts of the world?
- Urban patterns such as retail developments like shopping mall locations
- Processes such as urbanisation and what impacts and issues this results in

We will also be looking at local geographic issues and conducting research on a fieldtrip. Developing geographic skills such as interpreting different types of resources, for example, maps and photos, is an important aspect of the course.

**Credits available:**

Internal  
Achievement Standards 11

External  
Achievement Standards 12

**Costs:**

Field trip approximately \$150, Skills book \$20

## Geography – NCEA Level 3

**Consult with:** Mrs Canham/Miss Baldwin



This course builds on aspects of Year 12 (Level 2) Geography.

**Pre-requisite**

Study of Geography at Level 1 and/or Level 2 is an advantage. If students have not studied Geography before they should have satisfactory Level 2 results in related subjects such as English.

**Course Outline:**

Geography is the study of the environment as the home of people. It seeks to interpret the world and how it changes over time – past, present, and future. It explores the relationships and connections between people and both natural and cultural environments.

Geography investigates the ways in which features are arranged on the earth’s surface. It describes and explains the patterns and processes that create them.

These ideas are developed through studying different topics including:

- Natural Processes – a study of a geographic environment illustrating the operations of processes and modification by human activity in the Rakaia River Catchment.
- Cultural Process - study of how tourism operates in different locations.

We will also be looking at local, regional or global geographic issues and conducting research on a fieldtrip. Developing geographic skills such as interpreting different types of resources, for example, maps and photos are an important aspect of the course.

**Credits Available:**

Internal  
Achievement Standards 12

External

**Costs:** Field trip approximately \$30, Skills book \$20.

## History – NCEA Level 1

**Consult with:** Miss Baldwin/Miss McCrostie

### Course Outline:

History examines the past to understand the present. In History we will develop an understanding of how historical forces and movements have influenced the causes and consequences of events of significance to New Zealanders. As well as how people's interpretations of events that are of significance to New Zealanders differ.

These ideas are developed through studying different topics including:

- Black Civil Rights in the USA
- Origins of World War II
- New Zealand Race Relations



Developing history skills such as interpreting different types of resources an important aspect of the course. We will have a fieldtrip where students are able to collect primary research about a significant place.

### Credits Available:

Internal:	12
External:	12

### Costs:

\$150 approx. Fieldtrip (combined with Geography so if students are studying both subjects they will only have to pay one cost). \$20 Revision Guide.

## History – NCEA Level 2

**Consult with:** Miss Baldwin

This course builds on aspects of Year 11 (Level 1) History.

### Pre-requisite:

Study of History at Level 1 is an advantage. If students have not studied History before they should have satisfactory Level 1 results in related subjects such as English.

### Course Outline:

History examines the past to understand the present. In History we will develop an understanding of how historical forces and movements have influenced the causes and consequences of events of significance to New Zealanders. As well as how people's interpretations of events that are of significance to New Zealanders differ.

These ideas are developed through studying different themes including:

- Revolutions
- Conflict management
- Events that change the world



A study of a range of topics such as:

- The Russian Revolution
- Vietnam War and the conflict in Indo-China
- The American Revolution and the making of the Republic

Student-centred research, developing history skills such as interpreting different types of resources are vital components to the course.

**Credits available:**

Internal

Achievement Standards 14

External

Achievement Standards 9

**Costs:**

Fieldtrip costs

## History – NCEA Level 3

**Consult with:** *Miss Baldwin*



This course builds on aspects of Year 12 (Level 2) History.

**Pre-requisite:**

Study of History at Level 1 and/or Level 2 is an advantage. If students have not studied History before they should have satisfactory Level 2 results in related subjects such as English.

**Course Outline**

History examines the past to understand the present. In History we will develop an understanding that the causes, consequences, and explanations of historical events that are of significance to New Zealanders are complex and how and why they are contested. As well as understanding how trends over time reflect social, economic, and political forces.

These ideas are developed through studying different themes including:

- Race Relations
- Politics and the Economy
- Society and Attitudes.

Student-centred research, developing history skills such as interpreting different types of resources are vital components to the course.

**Credits available:**

Internal

Achievement Standards 15

External

Achievement Standards 16

# Home Economics – NCEA Level 1

Consult with: Ms Paterson



## Pre-requisite:

None, (students who have studied Home Economics in Year 10 will have an advantage).

## Course outline:

This is a Food and Nutrition Studies course that builds upon concepts and skills acquired in Home Economics in Years 7-10. Students will expand on their understanding of the New Zealand Food and Nutrition Guidelines, learn about the influences that affect our food choices, and menu planning based on the nutritional needs of individuals. They will further develop practical skills for everyday life and future employment. All assessments (internal and external) are set written exams with a practical component.

## Credits available:

Internal

Achievement Standards 15

External

Achievement Standards 4

(optional) ITO Level 2 Coffee Course

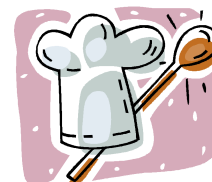
Unit Standard 4

\* Maximum number of credits = 24 for any student.

**Course costs** Food \$65 (approx.).

# Home Economics – NCEA Level 2

Consult with: Ms Paterson



## Pre-requisite:

Level 1 (Year 11) Home Economics

## Course outline:

This is a Food and Nutrition Studies course that builds upon concepts and skills acquired in Level 1 Home Economics. Students will continue to explore health and nutrition; investigating how and why people choose the food they do and planning menus for people with special nutritional requirements. All assessments (internal and external) are set written exams with a practical component.

## Credits available:

Internal

Achievement Standards 10

External

Achievement Standards 4

(optional) ITO Level 3 Coffee Course

Unit Standard 5

ITO Assessed Food Safety

Unit Standard 6

\* Maximum number of credits = 24 for any student

**Costs:** Food \$65 (approx).

# Life Skills

Consult with: *Mr Wilkins*



## Pre-requisite:

None. Be in either Year 12, 13.

## Course outline:

Courses will be available at a low academic level. Topics will probably include Independent Living (flattening), money and banking, taxation, vehicles, sexuality and child care. Practical tasks will include City Survival, meal making and regular work experience. These will prepare students for the world of work and offer some Level 1 and 2 credits towards their NCEA qualification.

\* Maximum number of credits = 24 for any student.

# Mathematics – NCEA Level 1

Consult with: *Mrs Davies-Stewart*



**All students** are required to study mathematics in Year 11 and will be put into the appropriate classes by the mathematics staff based on prior results and study. Students wanting to do tertiary courses involving mathematics need to discuss their placement with mathematics staff. Classes will all do an Achievement Standards course structured to their needs and strengths.

Students will study for between 16 and 24 credits in a mixture of internal and external standards.

## Course Outline:

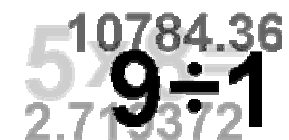
The course is a mixture of mathematics and statistics; a selection of which will be studied during Year 11. These areas are:

- Number
- Measurement and Design
- Trigonometry and Geometry
- Algebra
- Graphs
- Probability
- Use of the Statistical Cycle

**Costs:** Graphics Calculator, papers and homework write on text \$125 (approx)

# Mathematics – NCEA Level 2

Consult with: *Mrs Davies-Stewart*



## Pre-requisite:

Mathematics is **not compulsory** in Year 12 but is often a pre-requisite for further studies. Students will be put into different classes by the mathematics staff based on NCEA Level 1 results and approach to study within mathematics. Students wanting to do tertiary courses involving mathematics need to discuss their placement with mathematics staff.

Students will study for between 16 and 24 credits in a mixture of Internal and External Achievement Standards. The topics will be dependent on the strengths within the class.

### Course Outline:

The course is a mixture of mathematics and statistics; a selection of which will be studied during Year 12. These areas are:

- Trigonometry and Geometry
- Algebra
- Graphs
- Networks
- Systems of equations
- Probability
- Use of the Statistical Cycle

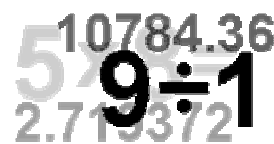
### Costs:

Graphics Calculator, papers and homework write on text \$125 (approx). (Many students will have graphics calculators from Year 11).

## Mathematics with Calculus – NCEA Level 3

Consult with: *Mrs Davies-Stewart*

This course builds on the Level 2 Mathematics course



### Pre-requisite:

16 or more credits at Level 2 Mathematics. These should **include** 90284 Algebra, 90286 Calculus, 90291 Trigonometry and 90292 Trigonometric Equations **or in consultation with Mrs Davies-Stewart.**

### Course outline:

The full course has the following topics:

- |                          |                                 |
|--------------------------|---------------------------------|
| ▪ Differentiation        | Applications of Differentiation |
| ▪ Trigonometry           | Conic sections                  |
| ▪ Complex Numbers        | Algebra                         |
| ▪ Integration            | Applications of Integration     |
| ▪ Differential Equations |                                 |

### Credits available:

Internal

Achievement Standards 4

Unit Standards 2

External

Achievement Standards 17

### Costs:

Graphics Calculator, papers and homework write on text \$125 (approx). (Many students will have graphics calculators from Year 11 or 12).

## Statistics and Modelling – NCEA Level 3

Consult with: *Mrs Davies-Stewart*



### Pre-requisite:

12 or more credits at Level 2 Mathematics including at least 4 external credits. These should include 90288 Sampling **or in consultation with Mrs Louise Davies-Stewart.**

**Course Outline:**

The course has 7 units:

- |                        |                                 |
|------------------------|---------------------------------|
| • Time series          | Bi-variate Data                 |
| • Curve Fitting        |                                 |
| • Confidence Intervals | Probability Problems            |
| • Equations            | Probability Distribution Models |

**Credits Available:**

Internal

Achievement Standards 9 credits

External

Achievement Standards 15 credits

**Costs:**

Graphics Calculator, papers and homework write on text \$125 (approx). (Many students will have graphics calculators from Year 11 or 12).

## Media Studies – NCEA Level 2

**Consult with:** Miss Caswell



We live in the midst of the Information Age when all around us society is saturated with media texts that have a very real impact on our psyche and lifestyle. A recent TRADENZ survey concluded that the Film and Television industry is the fastest growing export commodity in the country and is four times as large as the wine industry.

**Pre-requisite:**

As an entry requirement to this course students need 12 credits in Year 11 English. Students should also have the ability to manage their own time as many of the exercises have long lead in times that require sound organisational skills.

**Course Outline:**

The course is designed to introduce students to the concepts of Conventions, Audience and Purpose of various Media Texts.

Students will develop media literacy by critically analysing the construction of film and print media. The specialised creative and practical skills associated with media production are vital components to this course.

**Credits Available: 24 Credits**

Internal

Achievement Standards 15 credits

External

Achievement Standards 9 credits

# Music – NCEA Level 1

Consult with: *Miss Rennie*



## Pre-requisite:

Having previous training in a musical instrument. Compulsory 2 years or more of learning instrument for Level. (Voice is an instrument).

## Course outline:

**NCEA Level 1** has six possible Assessment Units.

- Solo
- Group performance
- Composition
- Aural
- Identifying fundamental materials of music
- Musical Knowledge demonstrating the knowledge of different Music Works.

Practical Music covers:

- Instrumentation
- Performance as a member of a group
- Composition
- Solo performance
- Aural

Music Studies covers:

- Study of expressive qualities of music
- Compare and contrast music works
- Research of music topic
- Understanding of tonal procedures in a range of music
- Arrangement of music

## Credits Available:

24 credits including both internal and external credits

## Costs:

(Workbook, video etc) \$40 (approx). Although not compulsory we encourage students to attend at least one concert in Christchurch per year. This would cost approximately \$40 plus travel and we go as a group.

# Music – NCEA Level 2 & 3

Consult with: *Miss Rennie*



## Pre-requisite:

Three years or more learning of an instrument for Levels Two and in Level Three, four years or more training is required. (Voice is an instrument)

## Course outline:

**NCEA Level 2** has similar assessments to study of Music at Level 1 and it is recommended that the student has studied NCEA Level 1 first.

- Solo
- Group performance
- Composition





# Physical Education NCEA Level 2 & Level 3

Consult with: *Mr Roderick/Mr Currie/Mr Wilson*



## Pre-requisite:

Level 2 - 16 Level 1 Physical Education credits

Level 3 - 16 Level 2 Physical Education credits

## Course Outline:

### Level 2

- Anatomy/Biomechanics
- Risk Management
- Motor skills learning
- Sociology of Sport
- Exercise and Health.

### Level 3

- Examination for a national health issue (obesity).
- Plan a Physical exercise programme.
- Develop a programme for Motor Skill improvement.

## Credits available

Internal

Achievement Standards Up to 8 standards

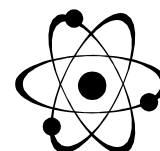
External

nil

\* Maximum number of credits = 18 for any student.

# Physics – NCEA Level 2

Consult with: *Mr Tod/Mr Clark*



## Pre-requisite:

12 Credits from the external achievement standards in Science Level 1 including Science 1.6. Plus achieved or better in Level 1 Mathematics AS90147, 90153 and 90152.

## Course Outline:

The course is 5 units:

- Measurement and Finding Relationships
- Mechanics
- Electricity and Electromagnetism
- Waves
- Atoms and Radioactivity.

## Credits available

Internal

Achievement Standards 7

External

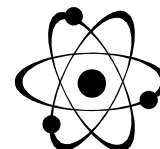
Achievement Standards 16

## Costs:

\$30 Workbook (approx)

# Physics – NCEA Level 3

Consult with: *Mr Clark/Mr Tod*



## Pre-requisite:

It is expected that 16 credits at Level 2 in Physics have been achieved in order to move to Level 3 Physics.

## Course Outline:

The course is 6 units:

- Practical skills.
- Practical Investigation.
- Mechanical Systems.
- Electricity and Electromagnetism.
- Wave Systems.
- Atoms and Radioactivity.

## Credits available:

Internal

Achievement Standards	5
Unit Standards	6

External

Achievement Standards	13
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## Costs:

\$30 Work book (approx)

# Science - NCEA Level 1

Consult with: *Mrs Winter*



This course continues from year 10 Science. The Science course focuses on science as a process. All Science courses will include:

- Living world (biology)
- Planet Earth and beyond (Earth and space science)
- Physical world (physics)
- Material world (chemistry).

All classes will be assessed by Achievement Standards. The number of internal and external credits will vary between classes and will be determined when the class makeup is known.

## Credits Available:

<b>Most classes:</b>	Internal:	12
	External:	8

<b>One class:</b>	Internal	16-20
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## Costs

Approximately \$25.00 (workbooks).

## Science - NCEA Level 2

Consult with: *Mrs Winter*



### Pre-requisite

This is a course designed for those students who wish to continue Science from Level 1 but not specialise. Students need 12 credits from Level 1 Science.

### Course Outline:

The Science course focuses on science as a process. The topics studied will be selected from: agriculture, astronomy, biology, chemistry, earth science, horticulture and physics. The makeup of the course will be determined from the interests of the students.

### Credits available:

This could be a totally internally assessed course.

External	12 (0)
Internal	8 (20) for a totally internally assessed course

### Costs:

Approximately \$20.00 (workbook).

## Science – NCEA Level 3

Consult with: *Mrs Winter*



### Pre-requisite

An interest in Science and science issues.

The Year 13 Science course is suitable for those students:

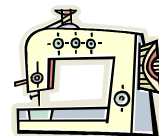
- Who do not wish to continue in a specialist Science course
- Who need a broad science background for future careers such as Law, Commerce, Journalism, Media Studies, or Teaching
- Who wish to study science based subjects in future years especially if the student is also taking one or more other science subjects
- Who are interested in current science issues and wish to study a range of scientific topics

The course will offer 20 credits:

External	8 (Max)
Internal	12

## Technology (Fabric) – NCEA Level 1

Consult with: *Ms Paterson*



This course builds upon the skills taught in Years 7-10. Students work through commercial patterns to gain pattern reading and machine skills. Students work through the design process to design and construct garments using fabric.

**Pre-requisites:**

Students will have studied Home Economics in Year 10.

**Course outline:**

The students will be completing four achievement standards within three individual projects. Students research an issue and design a product to provide a solution to the problem. There is emphasis on both drawing and making skills. Portfolios are produced for each project.

**Credits available:**

Internal

Achievement standard 20

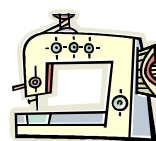
\* Maximum number of credits = 24 for any student.

**Costs:**

\$30 (approx). Students are required to provide their own patterns and fabric for their projects.

## Technology (Fabric) – NCEA Level 2

Consult with: *Ms Paterson*



This course builds upon the skills gained in Level 1 Fabric Technology to increase sewing machine skills, understanding of the function of fabric and designing for purpose and set stakeholders.

**Pre-requisites:**

In order to gain credits in Fabric Technology at Level 2, students **must** have completed credits in Fabric Technology at Level 1.

**Course outline:**

The students will be completing four achievement standards within three individual projects. Students research an issue and design a product to provide a solution to the problem. There is emphasis on both drawing and making skills. Portfolios are produced for each project.

**Credits available:**

Internal

Achievement Standard 18

\* Maximum number of credits = 24 for any student.

**Costs:**

\$30 (approx). Students are required to provide their own patterns and fabric for their projects.

## Technology (Hard Materials) – NCEA Level 1

Consult with: *Mr Pearce*



This course builds upon the skills taught lower down in the school. It teaches students to design and make products using resistant materials.

**Pre-requisites:**

Students will have studied Technology in years 9 and 10.

**Course outline:**

Depending upon progress, previous knowledge and ability, students will either take Unit Standards or Achievement Standards. The course content is the same; students identify a problem and an end user,

research the problem and suggest solutions to the end user. The chosen idea is then realised and evaluated.

**Credits available:**

Internal  
Achievement standards 16 credits

External  
Achievement standards 4 credits

**Costs:**

Materials \$120 (approx).

## Technology – NCEA Level 2

Consult with: *Mr Pearce*



This course builds upon Year 11 Technology and could lead to careers in the trades e.g. building or engineering.

**Pre-requisites:**

Students will have 16 credits in the Level 1 Technology course, but motivated students could start this level if Technology was studied in Year 10, after consultation with Mr Pearce or Mr Jenkins.

**Course outline:**

This course is a mixture of Unit and Achievement Standards. The design process is developed during two designs and assignments. Students are taught how to take ownership through finding a need, plan, and following technological practices to develop outcomes to problems.

**Credits available:**

Internal  
Achievement Standards 6  
Unit Standards 14

External nil

\* Maximum number of credits = 24 for any student.

**Costs:**

Materials \$120 (approx)

## Technology – NCEA Level 3

Consult with: *Mr Pearce or Mr Jenkins*



This course is a natural progression from and builds upon the Level 2 course. The balance of standards and projects is flexible and will depend on the interests and abilities of students that opt for the course.

**Pre-requisites:**

Students will have 16 credits in the Level 2 Technology course, but motivated students with 16 credits at Level 1 Technology could be admitted after consultation.

**Course outline:**

This course is achievement based on achievement and unit standards. Students will work with a variety of materials and draw upon the design and making skills taught at Level 1 and 2. Students design and construct as their main project for the year using a client based approach.

**Credits available:**

Internal	
Unit Standards	24
External	nil

**Costs:**

Materials \$120 (approx).

## Tourism – NCEA Level 2

**Consult with:** Miss Baldwin

**Pre – requisite:**

Must be a Year 12 or 13 Student.



**Course outline:**

This is a unit standard course which offers students the opportunity to work towards the National Certificate in Tourism (Introductory Skills). Students will cover various topics in the subject including world tourist destinations and knowledge of the business of tourism.

**Credits available:**

Internal	
Unit standards, Level 2 credits	25
External	nil

**Costs:**

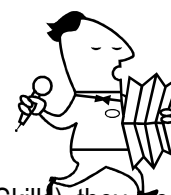
\$30.00 for materials.

## Tourism – NCEA Level 3

**Consult with:** Miss Baldwin

**Pre – requisite:**

If students wish to gain the National Certificate in Tourism (Introductory Skills) they need to have completed the Level 2 course. If you wish to choose the Level 3 course and have not completed the Level 2 course, you will need to see Ms Baldwin.



**Course outline:**

This is a unit standard course which offers students the opportunity to work towards the National Certificate in Tourism (Introductory Skills). Students will cover various topics in this subject, including knowledge of Pacific Islands and Australia as tourist destinations.

**Credits available:**

Internal	
Unit Standards, Level 3 credits	24
External	nil

**Costs:** \$30.00 for materials.

# Trades Course

Introduced successfully this year for Yr 12/13 students interested in experiencing opportunities out in the workforce under the trades industry type positions, and who wanted to stay at school while deciding on or finding a job in the trades or industry related work.

Students chose three subjects (outside of the Yr 12 English and Mathematics lines). For the other two/three subject lines, the Trades students spend three periods at Employment Skills and five periods up-skilling in Literacy and Numeracy. Many of the Trade students include Life Skills as one of their three mainstream subjects.

An academic priority for students is to complete Level 1 NCEA certificate plus up-skilling in some Level 2/Level 3 subject areas.

**Entry to this course is limited. Students may well be invited via staff identification that this is the best course option because of 2010 academic results.**

Grow Mid-Canterbury co-ordinates the practical work side for the two days per week.



## Students break their week into two sections:

- Work for 2 days per week
- Attend school for 3 days per week
- School Timetable is 3 subjects plus Trade Course time (both are on School Timetable and on site Trades, Thursday/Friday final half of Term 1 and Terms 2-4)

## What do students gain from this course?

- Job experience
- Maturity
- An insight into different industries – previous students have ended up in trades that weren't their top choice
- A variety of skills beneficial to becoming employed
- A high chance of an apprenticeship on completion of the course
- Learn a multitude of skills plus gain first-hand knowledge of different Industries
- An opportunity to further up-skill in selected school subjects alongside a real priority in experiencing hands on trades/industry work situations

## What do students need to be accepted on this course?

- Reasonable academic ability
- A high level of maturity
- A high standard of behaviour
- Commitment for the school year

\* Students will need their own transport to/from work placements. (Please note that in some cases this can include rural areas in which they may be working with employers.)

\* Before beginning Trades on site experience, student must hold a relevant First Aid Certificate relevant to safety in the workforce. Opportunity to attend this course will be provided within the Trades course in Feb/March each year.