

# Senior Curriculum Handbook 2012



## **Rangiora High School**

Please note that course fees quoted in this booklet are accurate at the time of printing, however, they are subject to change. Final course fees are confirmed and notified with course outline information in February 2012.

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# Senior Staff

## Principal

Mrs P Burrows

## Deputy Principals

Ms J Malcolm

Mr B Hays

Mr C Quigley

Mr S Wright

## Counsellors

Mrs J Patterson

Mr S Shaw

Mr M Flavell

Ms E Moonen

## Academic Deans

Mr S Kersey

Ms L Elms

## Careers Adviser

Mrs A McGowan

Mr R Smith

Mrs V Wilkins

## House

Hillary

Lydiard

Mansfield

Ngata

Rutherford

Sheppard

## Head of House

Mr N Moyle

Mr A Drayton

Mrs M Stephenson

Mr R Winson

Mr M Williams

Ms A Hay

## Dean of House

Mr A Cotter

Mrs P Graham

Mr A Gebbie

Mrs V Wilkins

Mrs S Reed

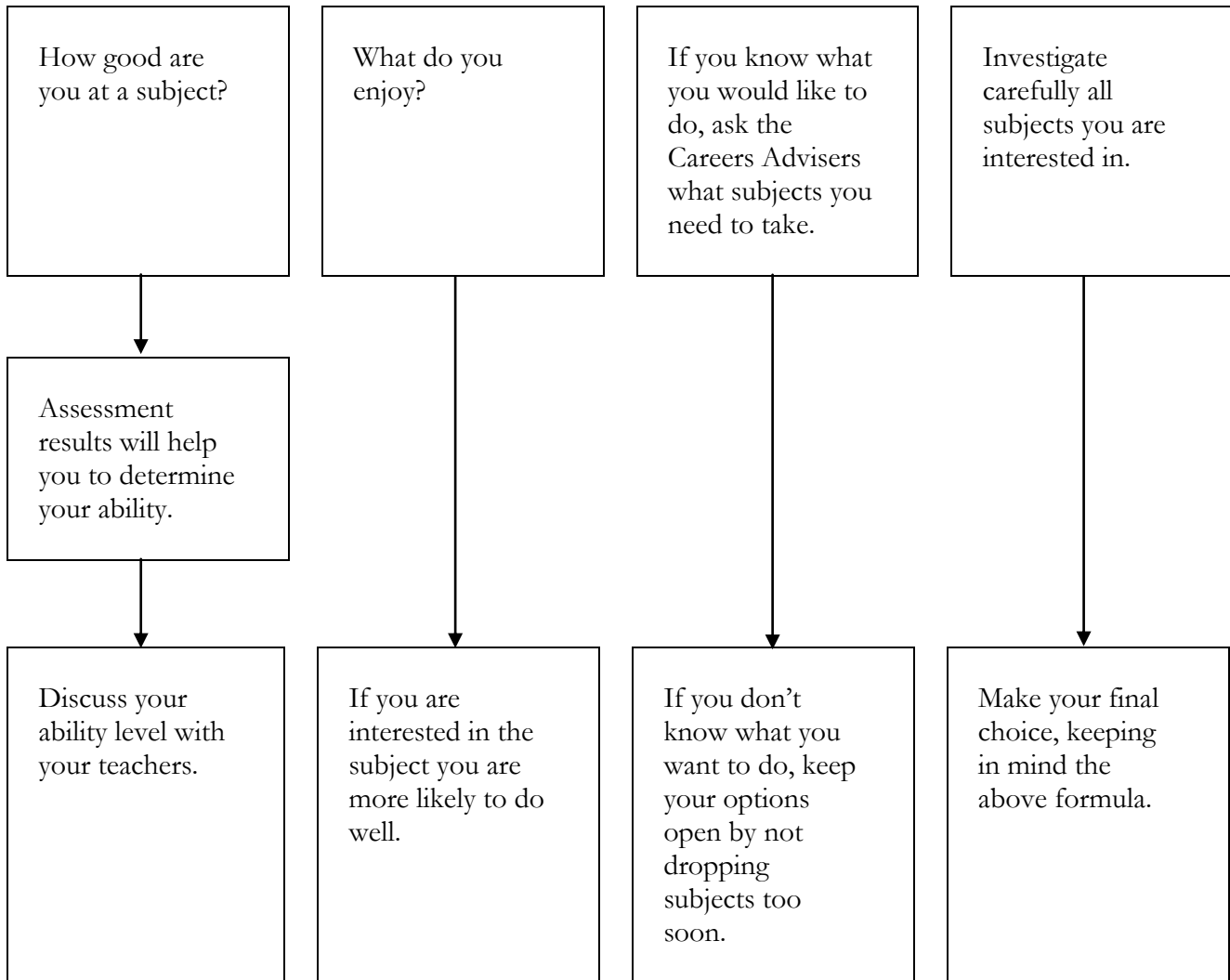
Mr K Anderson

Faculties	Curriculum Leaders	Subjects
Business and Enterprise	Ms P McDonald [Head of Faculty] Ms A McGowan	Commerce Careers / Transition
English	Mrs A Lahey Miss D Haward Mrs H Lord	English ESOL
Land-based Studies	Mrs G Koster	Land Based Studies
Languages	Miss A Wiseman	Languages
Mathematics	Mr B Rollo	Mathematics
Health and Physical Education	Mrs J Searle [Head of Faculty] Mrs F Dunnett Mr A Gebbie	Physical Education Health Sport
Science	Mr J Gilbert Mrs D McCracken [Head of Faculty] Mr S Kersey	Biology Science / Chemistry Physics
Social Science	Mr C Olson [Head of Faculty] Miss K Gallen Miss D Haward	Social Studies/Geography / Tourism History / Classics Media Studies
Teaching and Learning	Mrs M Neate Mrs M Bayley	Learning Support Mainstream Support Unit
Technology	Mrs C Johnson [Head of Faculty] Mrs A Kininmonth Mr L Hawke  Mrs H McLorinan  Mr R Smith	Technology Digital Technologies CMT(Construction and Mechanical)/DVC(Design and Visual Communication) Processing Technologies/Early Childhood Studies Automotive
The Arts	Mr B McMillan Mr K Anderson Mrs C Rowe	Art Drama Music

# Choosing a Course of Study

Here is a formula that may help you

**Ability** + **Interest** + **Career Pathway** = **Subject choice**



If you need help with your choice of subject please ask:

- your present Subject Teacher
- your Form Teacher
- your Dean
- a Guidance Counsellor - Mrs J Patterson, Mr Shaw, Mr Flavell or Ms Moonen
- a Careers Adviser - Ms McGowan, Mr Smith, Mrs Wilkins

# Summary of Courses Available

This Summary is intended as a guide to see how subjects and courses develop during Years 9-13.

Students may study at different levels depending on the number of credits they have achieved the year before.

The Head of Department and Dean will advise on the appropriate level.

Please read the course outlines on the following pages for accurate details of subjects offered.

Department and Subjects Offered	Year 9	Year 10	Year 11	Year 12	Year 13	Approved subject for University Entrance
<b>BUSINESS AND ENTERPRISE</b>						
Accounting			NCEA	NCEA	NCEA	#
Business Studies				NCEA	NCEA	
Consumer Economics			NCEA			
Transition			NCEA	NCEA	NCEA	
Economics			NCEA	NCEA	NCEA	#
Legal Studies				NCEA	NCEA	
<b>ENGLISH</b>						
English	*9	*10	* NCEA	* NCEA	NCEA	#
ESOL	✓	✓	NCEA	NCEA	NCEA	
<b>LAND-BASED STUDIES</b>						
Agriculture			NCEA			
Agriculture and Horticultural Science			NCEA	NCEA		#
Agriculture and Animal Husbandry					NCEA	
Animal Husbandry				NCEA		
Animal Husbandry and Horticulture		10				
Horticulture		10				
Land-Based Studies – Agriculture and Horticulture	9					
Land-Based Studies – Animal Husbandry	9					
Equine Studies			NCEA / NQF	NCEA / NQF	NCEA / NQF	
Rural Studies			NCEA / NQF	NCEA / NQF	NCEA / NQF	
<b>LANGUAGES</b>						
Chinese	9					
French	9	10	NCEA	NCEA	NCEA	#
Japanese	9	10	NCEA	NCEA	NCEA	#
Te Reo Maori	9	10	NCEA	NCEA	NCEA	#
Te Reo Maori for Beginners			✓	✓	✓	
<b>MATHEMATICS</b>						
Mathematics	*9	*10	* NCEA	NCEA	NCEA	
Mathematics with Calculus					NCEA	#
Mathematics with Statistics and Modelling					NCEA	#
<b>HEALTH AND PHYSICAL EDUCATION</b>						
Health			NCEA	NCEA	NCEA	#
Outdoor Pursuits					NCEA/ NQF	
Physical Education and Health	*9	*10				
Physical Education			NCEA	NCEA	NCEA	#
Sport and Recreation			NCEA/ NQF	NCEA/ NQF	NCEA / NQF	

Department and Subjects Offered	Year 9	Year 10	Year 11	Year 12	Year 13	Approved subject for University Entrance
<b>SCIENCE</b>						
Science	*9	*10	* NCEA	NCEA	NCEA	#
Biology				NCEA	NCEA	#
Chemistry				NCEA	NCEA	#
Physics				NCEA	NCEA	#
<b>SOCIAL SCIENCE</b>						
Social Studies	*9	*10				
Classical Studies				NCEA	NCEA	#
Geography			NCEA	NCEA	NCEA	#
History			NCEA	NCEA	NCEA	#
Media Studies			NCEA	NCEA	NCEA	#
Tourism				NCEA / NQF	NCEA / NQF	
<b>TEACHING AND LEARNING</b>						
ASDAN / TAP	9	10	NCEA	NCEA	NCEA	
<b>TECHNOLOGY</b>						
Automotive			NCEA / NQF	NCEA / NQF	NCEA / NQF	
Design and Visual Communication	9	10	NCEA	NCEA	NCEA	#
Digital Technologies – Information, Media & Computer Science	9	10				
Digital Technologies – Information				NCEA / NQF	NCEA / NQF	#
Digital Technologies – Media			NCEA	NCEA	NCEA	#
Digital Technologies – Computer Science			NCEA	NCEA	NCEA	#
Electronics & Control Technology	9	10				
Engineering Technology			NCEA / NQF	NCEA / NQF	NCEA / NQF	
Enterprise Studies Programme		10				
Early Childhood Studies				NCEA	NCEA	
Food Technology		10	NCEA	NCEA	NCEA	#
Food By Design	9					
Food, Nutrition and Hospitality		10	NCEA	NCEA	NCEA	
Food Studies				NCEA	NCEA	
Construction and Mechanical Technologies	9	10	NCEA	NCEA	NCEA	#
Material Transformation Technology		10				
Furniture Making			NCEA / NQF	NCEA / NQF	NCEA / NQF	
Textiles and Fashion Technologies	9	10	NCEA	NCEA	NCEA	#
<b>THE ARTS</b>						
Art	9	10	NCEA	NCEA		
Art History				NCEA	NCEA	#
Painting					NCEA	#
Design				NCEA	NCEA	#
Drama	9	10	NCEA	NCEA	NCEA	#
Kapahaka – Ngā uri matatoa	9	NCEA	NCEA	NCEA	NCEA	
Music – Sound Arts	9	10	NCEA	NCEA		
Music Performance					NCEA	#
Photography				NCEA	NCEA	#
Sculpture					NCEA	#

- \* Compulsory at this level
- 9 Year 9 Course
- 10 Year 10 Course
- NCEA National Certificate of Education Achievement
- NQF National Qualifications Framework
- ✓ Local subjects with perhaps a Rangiora High School or National Association Certificate.
- # Approved for University Entrance and Scholarships in all Universities
- # # Approved for University Entrance but not Scholarship
- ∅ Available for Scholarship

**Information on Unit/Achievement standards offered, and credits available, contained in this booklet is up-to-date at the time of printing, but may be subject to change following the review process carried out by NZQA.**

# Timeline for Course Selection

Monday, 1 August	Staff Development Meeting on Course Selection Course booklets issued to staff
Tuesday, 2 August	Distribution of Course Information books and Course Selection Sheets. Form times Tuesday – Friday  From Tuesday, 2 August 2011, until Friday, 26 August 2011, Mrs McGowan and other Careers staff will be available in the Careers Room (J2) at lunchtimes for advice and guidance.
Thursday, 18 August	<b>Student Achievement Interview Day:</b> parents and students meet with teachers and course selection advice can be given at this time, as well as present progress in class. Careers Advisors will be available in the Careers Room [J2].
<b><i>Friday 26 August</i></b>	Current students must have returned Course Selection Sheets to Form Teachers by this date.
From 26 August	On-going individual advice from Form Teachers, Subject Teachers, Heads of Department, Deans, Careers Advisors and Guidance Counsellors.
<b>Year 8 Students</b>	
Friday, 3 June	Closing date for enrolments
Thursday, 4 August	Course Booklets and Course Selection sheets out to contributing schools and to those students who have enrolled.
Tuesday, 9 August	Year 8 Parents' Evening
Friday, 19 August	Final day for the return of Course Selections sheets from Year 8.

# What will students study in 2012 and beyond?

## JUNIOR SCHOOL

### Year 9

- Students study English, Mathematics, Science and Social Studies for four hours each week. Social Studies will include Financial Literacy and Media Literacy.
- Students study Health and Physical Education for three hours each week.
- Students also choose three semester (half-year) courses, each studied for three hours a week for two terms, in each of these faculties:
  - The Arts
  - Technology
  - Learning Languages
- Students also choose a fourth semester course. This may be a semester course in a fourth subject or an extension semester to allow a full-year course of study in one of their three other semester subjects.
- This semester course choice structure will be reviewed for 2014 when it is proposed that students will choose four semester courses from any faculty.
- Students are able to seek a specified departure from the above by writing to the Principal (if, for example, a student wishes to undertake a full year of study in two Languages).

### Year 10

- Students study English, Mathematics, Science and Social Studies for four hours each week. Social Studies will include Financial Literacy and Media Literacy.
- Students study Health and Physical Education for three hours each week.
- Students also choose four semester (half-year) courses, each studied for three hours a week for two terms.

## SENIOR SCHOOL

### Year 11

- Students study English, Mathematics and Science for four hours each week.
- Students study three other subjects for four hours each week.
- Students also have a supervised study class or sport during Wednesday period 5.
- This structure will be reviewed for 2013.

### Year 12

- Students study English and five other subjects for four hours each week.
- Students also have a supervised study class or sport during Wednesday period 5.
- This structure will be reviewed for 2013.

### Year 13

- Students study five subjects for four hours each week. There are no compulsory subjects.
- Students have four hours of unsupervised study each week.
- Students also have an unsupervised study class or sport during Wednesday period 5.

# Course Selection for 2012 for Year 11, 12 & 13 Students

## WHO TO TALK TO

Students are strongly advised to make the best use possible of the course-selection times made available with **Form Teachers**. They must also consult a **Subject Teacher** in each of the subjects they intend to enrol in.

Keep your career options open by studying a broad range of subjects.

In addition many will need to seek further advice from their **Dean** or the **Careers Advisers** in J2. In many cases, **Heads of Departments** and **teachers in charge of subjects** will need to be consulted too.

## MULTI-LEVEL STUDIES

Senior students (Year 11 to Year 13) may study senior level subjects from any level. This flexibility enables students:

- to reinforce learning where they have experienced difficulties
- to develop basic skills to equip them in the competition for employment
- to shape a course to meet their individual needs
- to gain more credits at the appropriate level to compete more effectively for entry to a job or a training course.
- to study subjects that are new to them

If the subject is in advance of their level, the student must meet the prerequisites for that course and have the approval of the Head of Department.

Some courses may not run next year if they do not have the numbers to make a viable class.

## Entering National Qualifications

Students enrolled for courses leading to national qualifications eg National Certificate in Educational Achievement at Level 1, 2 or 3, or New Zealand Scholarship, will be given information on entering and paying the fees for the qualifications at the appropriate time. Students will be entered for NCEA Level 1, 2 or 3 by the school, and once they have their National Student Number (NSN) in June (for Year 11), they can log onto the NZQA site to check their entries at [www.nzqa.govt.nz](http://www.nzqa.govt.nz).

It is school policy that most Year 11 and 12 subjects will have 18-21 credits for NCEA. Year 13 subjects will have up to 24 credits.

## Year 11 – NCEA Level 1

All Year 11 students study English, Mathematics, Science and three other subjects. Most have an external assessment at the end of the year as well as internal assessments during the year. Achieving credits in each assessment counts towards the 80 credits needed to gain the NCEA Level 1. Students should aim to get as many 'achieved with excellence' and 'achieved with merit' grades as they can for subject and certificate endorsements.

In addition, for the NCEA Level 1 Certificate to be awarded, students must achieve a minimum of 10 credits for literacy and a minimum of 10 credits for numeracy. These credits can be attained by one of two pathways:

- Achievement Standards- through specified Achievement Standards available through a range of subjects, or
- Unit Standards- a package of three literacy and/or three numeracy standards.

All students must attain their literacy and numeracy credits through only one pathway, although they may attain them through alternative pathways.

There is also a compulsory Study/Sport period each week.

House Deans will check all students' workloads in their proposed course and will discuss these issues with students and parents if necessary.

## **Year 12 – NCEA Level 2**

All Year 12 students study English and five other subjects which can be multi-level. All students intending to go on in Science and Commerce subjects must take Mathematics. Most have an external assessment at the end of the year as well as internal assessments during the year. All students should check with the Careers Department (J2) to see if their subject choices fit in with their career plan. Students who are achieving well in Maths and Science in Year 11 should consider taking Chemistry, Physics, Biology and Mathematics in Year 12. A high percentage of technician and professional careers require this combination.

To gain NCEA Level 2, 60 credits at Level 2 must be achieved. Students who may not achieve their NCEA Level 1 will have their course confirmed by the Academic Dean [Mr Kersey].

In Years 11 / 12 the majority of NCEA courses will involve students studying between 18 and 21 credits of those offered or available. This is in line with the school assessment policy.

### **LITERACY AND NUMERACY REQUIREMENTS FOR ENTRY TO YEAR 12**

Students who are entering Year 12 but have not yet met the minimum Literacy and Numeracy requirements of 10 credits at Level 1 NCEA in each of Literacy and Numeracy will be directed by their Dean into subjects which will enable them to gain these credits.

### **YEAR 12 STUDENTS WHO ARE PLANNING TO GO TO UNIVERSITY AFTER YEAR 13.**

Students who are planning to qualify for University Entrance in Year 13 must check the list of available NCEA Level 3 subjects to ensure that their Year 12 course will enable them to meet the prerequisites for those subjects. For University Entrance requirements, see diagram on the next page.

House Deans will check all students' workloads in their proposed course and will discuss these issues with students and parents if necessary. Students need to be aware that the assessment load in Year 12 can be very heavy and that they should be aware of this when arranging out-of-school commitments.

## **Taskforce Integrated Studies Approach**

For students who are focused on a potential career in Agriculture, Automotive Engineering or Outdoor Sport and Recreation, there are Integrated Studies classes, where the students work together on Literacy [English] and Numeracy [Mathematics] standards, as well as a programme developed for their specialist areas.

Work Experience or practical experiences in the industry are an integral part of the course.

For more details see:

13STF	Page 39
11 / 12 Primary Trades Academy	Page 48
ATF21	Page 89

## **Year 13 – NCEA Level 3**

Students study five subjects. Most have an external assessment at the end of the year as well as internal assessments during the year. English is no longer compulsory, but students who are entering Year 13 and have not yet achieved 4 credits in reading and 4 credits in writing in NCEA Level 2 will be directed by their Dean into a course which will enable them to gain these credits.

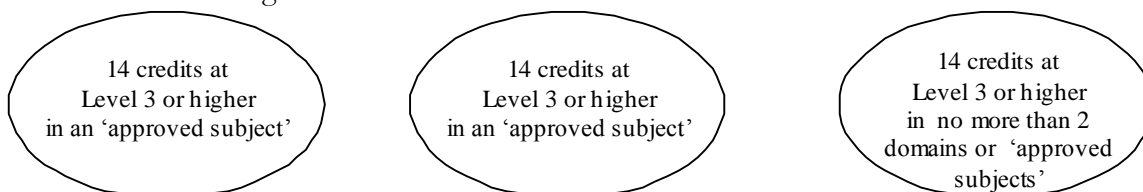
To gain NCEA Level 3, 60 credits at Level 3 must be achieved. Students who may not achieve their NCEA Level 2 will have their course confirmed by the Academic Dean [Mr Kersey]. House Deans will check all students' workloads in their proposed course and will discuss these issues with students and parents if necessary.

All Year 13 students have timetabled study classes in one option line and there is one compulsory study / sport period each week.

## YEAR 13 STUDENTS WHO ARE PLANNING TO GO TO UNIVERSITY STRAIGHT AFTER SECONDARY SCHOOL

Students intending to do a degree course at University or Polytechnic must gain University Entrance by gaining:

- 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, (see the UE subjects available in the 'Summary of Courses Available') 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 14 credits at Level 1 or higher in Mathematics or Pangarau on the National Qualifications Framework
- 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.



Proposed changes to University Entrance may include a requirement to also achieve NCEA Level 3.

### Students who are planning to enter the New Zealand Scholarship examinations

Scholarship is not part of NCEA. It is a stand-alone qualification designed to extend very high achieving Level 3 students. The exams will cover the same content as NCEA Level 3, but at higher-level thinking skills. Students need to discuss their entry with their teachers and Dean early in the year and be prepared to do extra reading and attend tutorials as appropriate.

### Other National Certificates (National Qualifications Framework or NQF)

Students can earn credits towards other qualifications in a number of subjects, by meeting the standards set in Level 1, Level 2 or Level 3 Unit Standards. Students who do not meet the required standard when first assessed for a credit in a Unit Standard may have the opportunity to be reassessed.

Unit Standards can be credited towards NCEA as well as industry-based National Certificate. At Rangiora High School you can complete these National Certificates:

- National Certificate in Computing Level 3
- National Certificate in Tourism Level 2
- National Certificate in Agriculture Level 2
- National Certificate in Equine (Introductory Stable Skills) Level 2
- National Certificate in Mechanical Engineering Technology Level 1

As well, you can start working towards a number of other industry-based qualifications

- eg National Certificate for Entry to Automotive Trades Level 2
- National Certificate in Furniture Level 2
- National Certificate in Design Level 2

### STAR – Secondary/Tertiary Alignment Resource

STAR is funded by TEC (Tertiary Education Commission) to provide the first step for students who want to begin their career pathway while still at school.

Rangiora High School uses STAR funding to provide industry-based training in these subjects:

- Year 13 Outdoor Pursuits; Years 12,13 Automotive; Years 12,13 Furniture; Years 12,13 Tourism;
- Year 12 Business Studies; Years 11,12,13 Equine; Years 11,12,13 Rural Studies; Years 11,12 Engineering,
- Years 13 Computing, Years 12, 13 Early Childcare Studies, 11,12,13 Animal Care.

There is provision for students to go outside the school if that meets their individual needs.

## **GATEWAY**

The Gateway programme is designed to strengthen the pathways for students from school to further education and training or employment. Structured workplace learning is a formalised learning arrangement set in an actual workplace for a sustained period of time, with a clear understanding about the knowledge and skills to be attained, and the assessment of unit or achievement standards.

The Gateway Programme is available to Year 11 – 13 students. It delivers hand-on practical learning that leads to nationally recognised qualifications. Students go on their Gateway placement one day a week, working towards Industry-Based Unit Standards. Students need to be well motivated as this is extra learning and assessment on top of their other subjects.

**YEAR 9**

Students study five compulsory courses and four semester (half-year) elective courses, completing at least one course in ARTS, LANG and TECH by the end of Year 9.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
English				Mathematics				Science				Social Studies				Physical Education and Health		The Arts		Technology				
																		Languages		Other				

**YEAR 10**

Students study five compulsory courses and four semester (half-year) elective courses by the end of Year 10.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
English				Mathematics				Science				Social Studies				Physical Education and Health		Other		Other				
																		Other		Other				

**YEAR 11**

Students study six 4-hour subjects. English, Mathematics and Science are compulsory\*. All students have one hour of supervised study or sport.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
English				Mathematics				Science				Elective				Elective		Elective			Study			

**YEAR 12**

Students study English\* and five other 4-hour subjects. All students have one hour of supervised study or sport.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
English				Elective				Elective				Elective				Elective		Elective			Study			

**YEAR 13**

Students study five 4-hour subjects. There are no compulsory subjects. All students have four hours of unsupervised study and one hour of additional study or sport.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Elective				Elective				Elective				Elective				Elective		Unsupervised Study			Study			

\* To be reviewed for 2013 pending upcoming changes brought about by the standards realignment, particularly for UE.

# Senior Academic Prize List

- The Cartwright Trophy for General Excellence in Year 13 (awarded to the Dux of the School)
- The Macintosh Cup for Proxime Accessit (runner up to Dux)
- The Lamb and Hayward Scholarship for Leadership, Service, and Academic, Cultural and Sporting achievement
- The Cresswell Memorial Cup for Excellence in Year 13 Sciences
- The Galloway Memorial Cup for Excellence in Year 13 Humanities
- The Davis Cup for All Round Academic and Sporting performance
- The Rangiora High School Education Trust Scholarship for top Year 13 Maori student
- Janene Brown Memorial Cup for Outstanding Special Needs student
- The Helmore, Bowron and Scott Prize
- The J.F. and D.J.C. Moffat Scholarship
- The Cruickshank Prize for Senior Practical Biology
- The Mike Kean Memorial Prize for Senior Technology
- The MainPower Prize for Year 13 Physics and Mathematics
- Torlesse Travel Cup for Year 13 Drama
- John Reynolds Cup for Year 13 English
- Torlesse Travel Cup for Year 13 Health
- Rangiora New World Cup for Year 13 Home Economics
- Torlesse Travel Cup for Year 13 Languages
- Sportsworld North Canterbury Cup for Physical Education
- Rangiora Pakeke Lions Scholarship for a student studying in Building/Woodworking industry
- Fuji Xerox Cup for Year 13 Digital Technologies
- Torlesse Travel Cup for Year 13 Visual Arts
- The Lincoln University Prize for Commerce
- The Jock Strachan Trophy for Electronics
- The Cobden-Cox Cup for Senior Economics
- The Avon City Ford Prize for Automotive Engineering
- Trade Tools Prize for Excellence in Engineering
- The Barry King Memorial Trophy for Graphics
- The Rangiora High School Award for Senior Poetry Writing
- The Canon Prize for Photography
- The Rangiora Print Graphic Design Award
- The Gillette Memorial Cup for progress in Year 12 Animal Husbandry
- The Radiographic Supplies Award for Distinction in Year 12 Photography
- The Allen Cup - Academic Excellence in Year 12
- The PTA Trophy for all-round Academic and Sporting achievement in Year 12
- The Rangiora High School Cup for all-round Achievement in Year 11
- The Rangiora District Lioness Trophy for Extraordinary Effort & Achievement in Year 11
- The G. C. Beattie Cup for Year 11 Science & Mathematics
- The Inkson Memorial Trophy for Excellence in Year 11 Agriculture
- The Spurr Cup for Environmental Education
- The Rangiora High School Education Trust Scholarships for top boy and girl in Years 11 and 12

# Faculty of Business and Enterprise

## Accounting ACC11

NCEA Level 1

**Entry requirements:** None, but Year 10 Accounting (ACC01) is an advantage.

**Content/Skills:**

This course aims to promote knowledge and understanding of accounting as a financial language. Students will learn how to process financial information and prepare financial statements.

They will learn about small business and personal accounting.

**Field Trips:** None

**Course Costs:** Workbook up to \$25.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	2	8
External Achievement Standards	1	3	12

**Next Step:** NCEA Level 2 Accounting (ACC21)

**Enquiries to:** Ms McDonald

## Accounting ACC21

NCEA Level 2

**Entry requirements:** 12 credits of NCEA Level 1 Accounting Achievement Standards (or at the discretion of Head of Department Commerce).

**Content/Skills:**

Includes basic accounting processes, accounts for sole traders, business organisations. Students will study full sets of accounts, including calculating ratios, interpretation of accounts and making informed conclusions. We will also study accounting systems and control of assets, inventory, sales, accounts receivable and accounts payable.

**Field Trips:** None

**Course Costs:** Workbook up to \$30.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	7
External Achievement Standards	2	3	13

**Next Step:** NCEA Level 3 Accounting (ACC31)

**Enquiries to:** Ms McDonald

# Faculty of Business and Enterprise

## Accounting ACC31

NCEA Level 3

**Entry requirements:** 14 Credits at NCEA Level 2 Accounting (or at the discretion of the Head of Department Commerce).  
If intending to study Accounting at University, it is advisable to study 13MAC or 13MAS.

**Content/Skills:**

This course is designed to allow students to apply previously learnt skills.

Students will study a variety of business organisations including partnerships, sole traders and companies.

How the Conceptual Framework applies to accountants will also be studied. We will also look at how to use accounting information to make informed decisions.

**Field Trips:** None  
**Course Costs:** Workbook up to \$35.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	1	5
External Achievement Standards	3	4	15
Internal Unit Standards	3	2	4

**Next Step:** Tertiary Course  
**Enquiries to:** Ms McDonald

## Economics ECO11

NCEA Level 1

**Entry requirements:** None.

**Content/Skills:**

This course aims to provide an understanding of:

- i) how people behave as consumers and workers and how they make economic decisions.
- ii) how producers make decisions and use resources to provide goods and services to the market.

The course gives students the opportunity of examining and gaining an understanding of how people work together as groups in the market place and how prices are determined.

**Field Trips:** One half day field trip late in Term 2  
**Course Costs:** Workbook up to \$25.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
External Achievement Standards	1	3	12
Internal Achievement Standards	1	2	8

**Next Step:** NCEA Level 2 Economics (ECO21)  
**Enquiries to:** Ms McDonald

# Faculty of Business and Enterprise

## Economics – Consumer ECO13

NCEA Level 1

**Entry requirements:** None (at Head of Department’s discretion)

**Content/Skills:**

This is a course which focuses on “Consumer Economics”, in a practical way.

Students will study:

- Consumer choices
- Economics marketing
- How to solve consumer problems
- How to manage personal finances

**Field Trips:** None

**Course Cost:** None

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Achievement Standards	1	4	14

**Next Step:** NCEA Level 2 Business Studies (BUS21)

**Enquiries to:** Ms McDonald

## Economics ECO21

NCEA Level 2

**Entry requirements:** 12 credits of NCEA Level 1 Economics, including one external Achievement Standard from Level 1 (or at the discretion of the Head of Department Commerce).

**Content/Skills:**

This course aims to give students a broad understanding of economic issues as they affect the New Zealand economy. By using statistics, interpreting and analysing data, students will be able to investigate such things as employers’ willingness or ability to employ people - which is strongly influenced by the level of New Zealand’s trade, why New Zealand trades, who New Zealand trades with and the influence Government has on the level of trade. Price stability is another area students investigate as well as the link between rising prices and economic growth. Students will also explore the economic policies relating to economic inequality and understand that Employment, Trade, Growth, Inflation and Inequality are linked together.

**Field Trips:** None

**Course Costs:** Workbook up to \$30.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	1	6
External Achievement Standards	2	3	12

**Next Step:** NCEA Level 3 Economics (ECO31)

**Enquiries to:** Ms McDonald

# Faculty of Business and Enterprise

## Economics ECO31

## NCEA Level 3

**Entry requirements:** 8 Credits of NCEA Level 2 Economics, including one external Achievement Standard from Level 2, or at the discretion of the Head of Department.

**Content/Skills:**

In this course students will investigate how the allocation of resources makes all people better off, different types of markets and how businesses in those markets make their decisions.

Students will also look at the role government plays in the economy and the effect of government intervention.

**Field Trips:**

None

**Course Costs:**

Workbook up to \$25.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	3	1	5
External Achievement Standards	3	3	13

**Next Step:**

Tertiary Course

**Enquiries to:**

Ms McDonald

## Business Studies BUS21

## NCEA Level 2

**Entry requirements:** This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

This course provides a Commerce subject for Year 12 students who do not meet the Economics and Accounting pre-requisites or who do not want to specialise in the more traditional Economics or Accounting.

This is an interesting course which looks at financial decision making, accounting for and running a business, developing entrepreneurial skills, some commercial law and business marketing strategies. This is a skills based course built around a commercial/business context.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	7	18

**Costs:**

Workbook up to \$25.00.

**Next Step:**

Tertiary Study

**Enquiries to:**

Ms McDonald

# Faculty of Business and Enterprise

## Business Studies BUS31

NCEA Level 3

**Entry requirements:** This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

Students will learn valuable business skills in a practical and realistic environment. Students will participate in the “Young Enterprise Scheme”, by setting up and running their own business during the year. Students will study market strategies, business planning and business documentation.

**Field Trips:** A total of three days

**Course Cost:** Field trip costs approximately \$20.00, plus Business Set Up costs and fees to YE Trust

**Assessment** The Young Enterprise Certificate equates to 24 NCEA Level 3 Credit equivalents, if required. This is a University Entrance subject – it counts as one of the ‘other’ subjects.

**Next Step:** Tertiary Study

**Enquiries to:** Ms McDonald

## Legal Studies LAW21

NCEA Level 2

**Entry requirements:** 8 credits of NCEA Level 1 English  
This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

This course will cover why there are laws, how laws are created and how they affect our everyday lives. It will examine the court system and look at criminal law. The course involves the community and includes visits outside the classroom.

The course also covers 3 module topics - Employment Law - Motoring Law  
- Consumer Law

**Field Trips:** One whole day trip to Christchurch in Term 3 – approximate cost \$15.00

**Course Costs:** Workbook up to \$25.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	2	7	21

**Next Step:** NCEA Level 3 Legal Studies (LAW31)

**Enquiries to:** Ms McDonald

# Faculty of Business and Enterprise

**Legal Studies LAW31**

**NCEA Level 3**

**Entry requirements:** 8 credits of Level 2 English  
This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

This is an interesting and enlightening course, aimed at students who have a general interest in the New Zealand Legal System. It is a subject that deals with current issues and builds on student's general knowledge. This course is not suitable for students aiming to become lawyers.

Topics covered include:

- The New Zealand Legal System
- Justice and Court Processes
- Law Reform
- A comparison of different legal systems
- Individual Rights in New Zealand

This course is assessed internally with Level Three Unit Standards.

**Field Trips:** One whole day trip to Christchurch in Term 2 – approximate cost \$15.00

**Course Costs:** Workbook up to \$25.00

**Assessment:**

	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	5	19

**Next Step:**

-

**Enquiries to:**

Ms McDonald

# Faculty of Business and Enterprise

**Transition TRS21**

**NCEA Levels 1 & 2**

**Entry requirements:**

This is a restricted course. Applications need to be made to the HOF / HOD.

Applicable for Year 12 students who need to complete NCEA Level 1, or who would like to start the process of finding employment

**Content/Skills:**

This course gives Year 12 students the opportunity to complete NCEA Level 1 and to work towards Level 2. It includes life-skills and job-seeking skills and prepares students for the transition from school to the workplace and further education or training.

**Field Trips:**

Work Exploration (one day a week) can be arranged to suit needs of individuals

**Course Costs:**

None

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	1	6	17
Unit Standards	2	4	14

**Next Step:**

Transition Year 13, Polytechnic, other Tertiary Providers, Youth Guarantee Apprenticeship or employment

**Enquiries to:**

Ms McGowan

# Faculty of Business and Enterprise

**Transition TRS22**

**NCEA Levels 1 & 2**

**Entry requirements:**

This is a restricted course. Applications need to be made to the HOF / HOD.

Applicable for Year 13 students who need to complete NCEA Level 2 and/ or Level 1, or who would like to start the process of finding employment in these difficult economic times.

**Content/Skills:**

This course prepares Year 13 students for the transition from school to tertiary training and/or employment after completing their NCEA Level 1 and Level 2. Students will complete their CV's, write covering letters and practice interview skills in their job search programme.

Work Exploration, either one day per week or in week blocks is available.

**Field Trips:**

One day visit to Careers Expo

One day visit to Tertiary Training Providers.

Work Exploration can be arranged to suit the needs of individual students

**Course Costs:**

\$12.00 for each Field Trip

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	1	5	12
Unit Standards	2	5	19
Unit Standards	3	5	14

**Next Step:**

Further training at tertiary level or employment

**Enquiries to:**

Ms McGowan

# Faculty of Business and Enterprise

**Gateway Programme GTW**

**NCEA Level 1, 2, 3**

**Entry requirements:** A focussed interest in further training towards employment and/or tertiary training. Your driver's licence would be helpful as some of the placements are not in Rangiora.

**Background:**

The Gateway Programme is designed to strengthen the pathway for students from school to further education and training or employment.

Gateway supports students undertaking learning and assessment in the workplace. Students complete a work placement and have their learning in the workplace assessed against industry unit standards on the National Qualification Framework which are integrated with their current programme of study.

All Gateway students meet Wednesday period 5 unless they are playing representative sport. This requires compulsory attendance.

**Assessment:** 10 credits is the minimum students have to achieve

**Placement:** One day a week at the discretion of the Gateway Co-ordinator

**Course Cost:** Gateway Programme is funded through Tertiary Education Commission (TEC). There is no cost to students.

**Enquiries:** Gateway Co-ordinator  
Careers and Transition Department

## English ENG11

## NCEA Level 1

**Entry requirements:** Acceptable achievement in Year 10 English (ENG01)

**Content/Skills:**

Year 11 English is a full year course that prepares students for NCEA Level One. The course content includes an in-depth study of a novel, short stories, film and unfamiliar texts. Students also deliver a speech, produce a static image and produce transactional writing. The focus is on developing the key competencies of using language, symbols and texts, thinking, managing self, relating to others, and participating and contributing.

Selected students will be invited to study the advanced Level 1 English course – ENG12. Participation in this course may incur extra costs.

**Field Trips:** Theatre / film if suitable opportunities available

**Course Costs:** \$8.00 approximately for workbook

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	9
External Achievement Standards	1	3	12

**Next Step:** NCEA Level 2 English (ENG21)

**Enquiries to:** Miss Haward

## English – Practical ENG13

## NCEA Level 1

**Entry requirements:** Teacher recommendation at end of Year 10 English (ENG01)

**Content/Skills:**

Internal English is a full year course, with particular emphasis on practical skills in English. Students will complete tasks internally. They will produce a static image, study a novel, film and short stories. The focus is on developing the key competencies of using language, symbols and texts, thinking, managing self, relating to others and participating and contributing.

**Course Costs:** Approximately \$32.00 for course booklets.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Achievement Standards	1	6	18

**Next Step:** NCEA Level 2 English

**Enquiries to:** Mrs Lahey

# Faculty of English

## English ENG21

NCEA Level 2

**Entry requirements:** 12 credits at NCEA Level 1 English

**Content/Skills:**

Year 12 English is a full year course that prepares students for NCEA Level 2. The course content includes an in-depth study of a novel, film and unfamiliar text, some short texts (poetry and short stories) may be studied in preparation for the Theme Investigation.

The A stream class may be expected to study a Shakespearean play or an additional text.

The course focus is on developing the key competencies of using language, symbols and texts, thinking, managing self, relating to others, and participating and contributing.

Selected students will be invited to study the advanced Level 2 English course – ENG22.

**Field Trips:** Film or theatre if suitable

**Course Costs:** \$10.00-\$20.00 may be required for field trips  
Approximately \$20.00 for personal copy of novel  
Approximately \$8.00 for Workbook

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	9
External Achievement Standards	2	3	9

**Next Step:** NCEA Level 3 English (ENG31)

**Enquiries to:** Mrs Lahey

## English – Practical ENG23

NCEA Level 2

**Entry requirements:** On the recommendation of the Head of Department

**Content/Skills:**

Internal English is a full year course, with particular emphasis on practical skills at Level One and Level Two. Students will complete tasks internally. They will study a novel, film and short stories. Some time is spent producing a targeted resume. The focus is on developing the key competencies of using language, symbols and texts, thinking, managing self, relating to others, and participating and contributing.

**Course Costs:** There will be a cost for a Workbook

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	9
Unit Standards	1 and 2	3	9

**Next Step:** Students who complete this course may go on to NCEA Level 2 English (ENG21)

**Enquiries to:** Mrs Lahey

## English ENG31

NCEA Level 3

**Entry requirements:** 12 credits at NCEA Level 2 English

**Content/Skills:**

Year 13 English is a full year course that prepares students for NCEA Level 3. The course content includes an in-depth study of the novel, Shakespearean drama and film. Students also deliver an oral presentation and produce creative writing. The focus is on developing the key competencies of using language, symbols and texts, thinking, managing self, relating to others, and participating and contributing.

**Field Trips:** Film or Theatre, if suitable opportunities are available

**Course Costs:** Approximately \$60.00 for text books and workbooks

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	8
External Achievement Standards	3	4	12

**Next Step:** University studies

**Enquiries to:** Miss Haward

## English – Literacy Criticism ENG32

NCEA Level 3

**Entry requirements:** On the recommendation of the Head of Department

**Content/Skills:**

Literacy Criticism is a full year course that prepares students for NCEA Level 3 and scholarship in English. The course is aimed at academic students who are enthusiastic readers. Students will read and analyse a wide range of texts and will develop skills in critical thinking, communication and clarity of expression.

Students cannot study ENG31 and ENG32 in the same year.

**Assessment:** Level 3 Achievement Standards and scholarship.

**Field Trips:** Film or theatre if suitable.

**Course Costs:** Approximately \$80.00 for text books and Workbooks.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	8
External Achievement Standards	3	4	12

**Next Step:** University Studies

**Enquiries to:** Mr Crawford

# Faculty of English

## English for Speakers of Other Languages    ESOL    All Levels

**Entry requirements:**                      None.

**Content/Skills:**

This course teaches English to international students, immigrants, refugees, or students whose family background is multi-lingual. You will be tested and placed in a class suitable for your English level.

Courses available:

- **Beginner – Pre-Intermediate [No NCEA credits available]**  
This is a structured General English course focussing on Vocabulary, Reading, Writing, Listening and Speaking. You will learn the first 1,000 words, gain confidence to use your new language and understand New Zealand culture.
- **ESL Level One: NCEA Internal Credits 20**  
This course uses ESOL and English Standards. You will be using the first 1,000 to 2,000 words. Literacy Credits are available. This is also suitable for students who need grammar, writing and vocabulary strengthening.
- **ESL Level Two: NCEA Internal Credits 20**  
This course uses ESOL and English Standards. You will be using the first 2,000 to 3,500 words. Literacy Credits for University Entrance are available.
- **ESL Level Three: Advanced Class [Non-NCEA] IELTS PREPARATION AVAILABLE**  
You should be nearly fluent in Speaking and Writing, as well as able to Read complex and lengthy texts on a wide variety of topics. Your vocabulary level should be at the 4,000 to 5,000 level. This course studies a variety of topics and includes Research, Presentation of Ideas, Complex discussion and Thinking Skills. It also uses high level grammar in written essays. It encourages freedom, creativity and independence. You will need to be good at self-management.

**Field Trips:**                                      None

**Course Costs:**                                    None

**Next Step:**                                        ---

**Enquiries to:**                                    Mrs Helen Lord or Mrs Sue Andersen

# Faculty of Health and Physical Education

(for Food and Nutrition courses, please refer to Faculty of Technology)

## Health HEA11

## NCEA Level 1

**Entry requirements:** Year 10 Health (HEA01)  
Strong literacy skills essential

**Content/Skills:**

This course builds on the skills developed in Year 10 and provides an opportunity for students to participate in a full NCEA four hour per week course, focussing on personal well-being and decision making. The main emphasis is on hauora and introduces a basic understanding of socio-ecological perspectives (personal, interpersonal and societal influences, consequences and strategies), and elementary aspects of health promotion among the strategies for goal setting and change. The goal is to equip students with the skills, knowledge and understanding to maintain and develop personal well-being and to introduce the concept of social justice. The main topics include well-being and goal setting, interpersonal skills, sexuality issues, managing changing states of health and drug issues.

**Field Trips:** None

**Course Costs:** Booklets \$44.00 total [\$22.00 Workbooks / \$22.00 Study Guide]

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4	16
External Achievement Standards	1	1	4

**Next Step:** NCEA Level 2 Health (HEA21)

**Enquiries:** Mrs Dunnett

# Faculty of Health and Physical Education

**Health HEA21**

**NCEA Level 2**

**Entry requirements:** NCEA Level 1 Health (HEA11) or HOD approval  
NCEA Level 1 English essential.

**Content/Skills:**

This course builds on the skills developed in Level 1 and provides an opportunity for students to extend their knowledge in Health issues. The main focus is to equip students with the skills, knowledge and understanding to critically examine broader Health issues on a personal, interpersonal and societal level. There is a particular emphasis on the determinants of health, social justice and the societal influences on well-being (political, cultural and economic). As critical thinking is a key component to the assessment in this course, excellent communication and literacy skills are a distinct advantage and a requirement for entry into this course.

NB. This course is not based on medicalised topics of Health; more emphasis is placed on education about Health issues, ie the contributing factors towards disease rather than a study of the disease itself.

**Field Trips:** None

**Course Costs:** Booklets \$45.00 total [\$20.00 Workbooks / \$25.00 Study Guide]

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	10
External Achievement Standards	2	2	9

**Next Step:** NCEA Level 3 Health (HEA31)

**Enquiries:** Mrs Dunnett

# Faculty of Health and Physical Education

**Health HEA31**

**NCEA Level 3**

**Entry requirements:** NCEA Level 2 Health (HEA21) or HOD approval  
NCEA Level 2 English essential.

**Content/Skills:**

This course builds on the skills developed in Level 2 and provides an opportunity for students to extend their knowledge of health issues to a much deeper level of understanding. The main focus is to equip students with the skills and knowledge to critically examine the effect of health determinants on Haoura at a personal, interpersonal and societal level, with a particular focus on the influences, consequences and strategies of these effects. Level 3 NCEA Health assessments require students to apply critical thinking skills using sociological, psychological and Health Promotion models, hence excellent communication and literacy skills are essential.

NB. As with Level 2, this course is not based on medicalized topics of Health; more emphasis is placed on education about Health issues (ie the contributing factors towards disease rather than a study of the disease itself, but to a much deeper level than at Level 2 NCEA).

**Field Trips:** None  
**Course Costs:** Workbooks \$20.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	9
External Achievement Standards	3	2	10

**Next Step:** This course is particularly relevant for students wishing to further their studies at a tertiary level in the fields of Health, Sociology, Psychology or Education.

**Enquiries:** Mrs Dunnett

# Faculty of Health and Physical Education

## Physical Education PED11

## NCEA Level 1

**Entry requirements:** A high level of participation and effort in Year 10 Physical Education (PED01)

**Content/Skills:**

Physical Education at Year 11 can be taken as a full 20 credit NCEA Achievement Standards course or a 14 credit Sport and Recreation course (see separate course outline for Sport and Recreation course). The PED11 course is designed for those students who have a real interest in Physical Education and Sport. It covers a wide range of practical and theoretical components.

The course is designed to develop individual participation and performance. Students will experience enjoyment of physical activity and learn to analyse their own performance. They will also develop leadership skills by participating in a variety of sports and learn to make informed decisions about a healthy lifestyle.

Theoretical aspects include:

Athletics analysis, personal well-being, Anatomy, Biomechanics, Exercise Physiology and leadership roles

Physical Education at this level is taken as a four hour course and will offer 20 NCEA credits which are all assessed internally against five Achievement Standards.

Students cannot study PED11 and PED13 concurrently.

**Field Trips:** None  
**Course Costs:** Workbook \$6.00  
Fitness Sessions \$14.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	5	20

**Next Step:** NCEA Level 2 Physical Education (PED21)  
NCEA Level 2 Sport and Recreation (PED23)

**Enquiries to:** Mrs Searle

# Faculty of Health and Physical Education

## PE – Sport & Recreation PED13

## NCEA Level 1

### Entry requirements:

A high level of participation in Year 10 Physical Education.  
Entry is also at the discretion of the HOD Physical Education, who will consult with Year 10 PE teachers regarding a student's suitability for the practical nature of this course.

### Content/Skills:

This Year 11 Physical Education course is assessed using Achievement Standards, and is primarily for those students who would find the academic requirements of a full NCEA Achievement Standards course too difficult at Level 1. It is a largely practical course, but has some written components for some of the Achievement Standards.

The content of this course will cover the improvement and development of skills and attitudes in a variety of activities. It will also focus on participation and the development and understanding of leadership.

Students considering this course must be mindful of the need to be active and fully involved in all periods, except where sickness or injury prevents full participation.

Students cannot study PED11 and PED13 concurrently.

### Field Trips:

None

### Course Costs:

Workbook \$5.00

Fitness Sessions: \$14.00

### Assessment:

	<i>Level</i>	<i>Credits</i>
Achievement Standards	1	14

### Next Step:

NCEA Level 2 Sport & Recreation (PED23)

### Enquiries to:

Mrs Searle

# Faculty of Health and Physical Education

## Physical Education PED21

## NCEA Level 2

**Entry requirements:** At least 12 credits in NCEA Level 1 Physical Education (PED11) or at the discretion of the HOD Physical Education.

**Content/Skills:**

This course is designed for those students who have a real interest in Physical Education and Sport. It covers a wide range of practical and theoretical components. Physical Education at this level can be taken as an NCEA Achievement Standards course or a Unit Standards course (see separate section for course details – Sport and Recreation).

In 2012, Physical Education will offer a full NCEA Level 2 course assessed internally against five Achievement Standards.

This course focuses on increasing knowledge and skills related to physical activity. The course has a mix of practical and theoretical components. Theoretical studies include anatomy, biomechanics, methods and principles of training, skill learning, sports psychology and leadership strategies.

Emphasis is also on critical thinking and evaluating performance.

Practical components will include Rock Climbing, Badminton, Cricket and Touch.

It is a useful course for students who wish to contribute to sport and recreation at school and in the community, as well as being excellent base material for NCEA Level 3 Physical Education and future tertiary study.

Students cannot study PED21 and PED23 concurrently.

**Field Trips:** Climbing – ½ day Climbing Wall (February)  
- 1 day Indoor Climbing Wall (March)

**Course Costs:** Workbook \$7.00  
Climbing - \$70.00 approximately (2 trips)

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	5	21

**Next Step:** NCEA Level 3 Physical Education (PED31)  
NZQA Outdoor Pursuits and Leadership (OUT31)  
NZQA Level 3 Sports and Recreation (PED33)

**Enquiries to:** Mrs Searle

# Faculty of Health and Physical Education

## PE – Sport & Recreation PED23

## NCEA Level 2

### Entry requirements:

Preference will be given to students who have completed the PED11 or PED13 courses and at the discretion of the HOD Physical Education. Applications need to be made to the HOF / HOD. Students considering this course must be mindful of the need to be active and fully involved in all periods, except where sickness or injury prevents full participation.

### Content/Skills:

This course is a Year 12 practical Physical Education course that is assessed using mostly Unit standards and is primarily for those students who would find the academic requirements of NCEA Achievement Standards too difficult at Level 2 or have not met the entry requirements for the NCEA Physical Education course.

This course will focus on improvement and development of individual skills and teamwork. Participation and the development of leadership skills will also be a priority. There will also be a small theoretical component to this course.

Students considering this course must be mindful of the need to be active and fully involved in all periods, except where sickness or injury prevents full participation.

Students cannot study PED21 and PED23 concurrently.

### Field Trips:

None

### Course Costs:

Workbook \$5.00

### Assessment:

	<i>Level</i>	<i>Credits</i>
Unit Standards	2	10
Achievement Standards	2	4

### Next Step:

NZQA Year 13 Outdoor Pursuits and Leadership (OUT31)  
NZQA Level 3 Sport & Recreation (PED33)  
Tertiary Training

### Enquiries to:

Mrs Searle

# Faculty of Health and Physical Education

## Physical Education PED31 & PED32

## NCEA Level 3

### Entry requirements:

NCEA Level 2 Physical Education (PED21) is an advantage but not mandatory. Final entry, however, is at the discretion of the HOD Physical Education and students who have completed Level 2 Physical Education will be given preference.

### Content/Skills:

This course covers a wide range of theoretical and practical aspects of Physical Education. Topics covered include: Practical Kayaking or Mountain Biking, Volleyball, Exercise physiology, Anatomy, Skill Learning, Biomechanics and the ability to take action to influence the participation of others. The emphasis of the theoretical assessments is the ability to critically analyse ideas / trends / issues and events.

For 2012 we are offering two options. The difference is, one option (PED31) offers the Kayaking module, while the other offers Mountain Biking (PED32). Please note, students cannot take both courses and the Kayaking or Mountain Biking is the only difference between the two courses.

### Option 1 (PED31)

#### Kayaking

- 3.1 & 3.2 Students will plan a physical activity programme which is relevant to them. They will then carry the programme out and evaluate how effective it was.
- 3.3 Students will plan and participate in a skill improvement programme to develop their Volleyball skills. This will involve biomechanical and skill learning analysis.
- 3.4 Students will carry out a skill learning programme in Kayaking and then be assessed against national standards for their practical performance on a 3 day river trip. Students may also have the opportunity to be assessed against National Volleyball standards. The best grade will count for qualifications.
- 3.6 Students will investigate sports participation rates in a target population within the school and take action to improve participation in physical activity of their target population.

### Option 2 (PED32)

#### Mountain Biking

- 3.1 & 3.2 Students will plan a physical activity programme which is relevant to them. They will then carry the programme out and evaluate how effective it was.
- 3.3 Students will plan and participate in a skill improvement programme to develop their Volleyball skills. This will involve biomechanical and skill learning analysis.
- 3.4 Students will carry out a skill learning programme in Mountain Biking and then be assessed against national standards for their practical performance on a 3 day Mountain Bike trip. Students may also have the opportunity to be assessed against National Volleyball standards. The best grade will count for qualifications.
- 3.6 Students will investigate sports participation rates in a target population within the school and take action to improve participation in physical activity of their target population.

This course is 100% internally assessed with Level 3 Achievement Standards

### Field Trips:

3 ½ day Kayaking trip in March or 3-day Mountain Biking trip in March

### Course Costs:

Kayak trip approximately \$500.00\*  
 Mountain bike trip approximately \$210.00\*  
 PE workbook \$30.00  
 Fitness event - approximately \$20.00

\*Please note: a \$100 deposit for the trips will need to be in the first week of the school year. The balance will need to be paid in full before the trip.

### Assessment:

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	5	20

### Next Step:

University, College of Education Physical Education, other tertiary level sports science or coaching courses

### Enquiries to:

Mr Fahey

# Faculty of Health and Physical Education

## PE – Sport and Recreation PED33

## NCEA Level 3

### Entry requirements:

Preference will be given to students who completed PED21 or PED23. Entry is at the discretion of the HOD Physical Education. Applications need to be made to the HOF / HOD. Students considering this course must be mindful of the need to be active and fully involved in all periods.

### Content/Skills:

This course is designed as a Year 13 practical Physical Education course that is assessed using mainly Unit standards and is primarily for those students who would find the academic requirements of NCEA Achievement Standards too difficult at Level 3.

The emphasis is on sports leadership, personal fitness and participation in a variety of activities. Participants will have the opportunity to develop their coaching skills by being involved in coaching / leadership roles within the school.

Students considering this course must be mindful of the need to be active and fully involved in all periods, except where sickness or injury, prevent full participation.

Students cannot study PED31/PED32 and PED33 concurrently.

### Field Trips:

To be determined

### Course Costs:

Workbook \$5.00

Field trips approximately \$40.00

### Assessment:

	<i>Level</i>	<i>Credits</i>
Unit Standards	3	15

### Next Step:

Tertiary training

### Enquiries to:

Mrs Searle

# Faculty of Health and Physical Education

## Outdoor Pursuits OUT31

## NCEA Levels 1, 2 & 3

**Entry requirements:** Year 13 students with an interest in Outdoor Education and a commitment to developing and improving leadership skills. Students may be required to attend some training sessions at the end of the year in their own time. Final entry however is at the discretion of the Teacher in charge. This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

The emphasis of this NCEA Level 1/2/3 course is to develop both personal and leadership skills over a wide range of outdoor activities. Students may have the opportunity to assist in leadership roles within the Year 10 Outdoor Education Camps at the Boyle Lodge.

The course will be 4 hours per week and will be assessed by Unit Standards, which can contribute towards NCEA Level 1, 2 and 3.

Many activities will be carried out off-site, so commitment and self-motivation will be essential to those considering taking this course. It is also highly practical in nature, so students must be prepared to bring gear and involve themselves fully in all activities. **There are a number of trips away so students need to be aware of the impact this could have on their other subjects.**

Students should not choose PED31/PED32 and OUT31.

**Activities may include:**

- Adventure based learning
- Tramping/River Crossing
- Risk management
- Weather Interpretation
- Indoor climbing
- First Aid
- Environmental Education

**Field Trips:** First Aid - 2 days  
 River Crossing - 1 day  
 Tramps - 3 separate days throughout the year  
 ABL Field trip - Term 2 (2 days)

**Course Costs:** Estimated to be \$200.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	1	2	2
Unit Standards	2	7	17
Unit Standards	3	3	9

**Next Step:** Outdoor Instructors Qualifications  
 Personal Recreation  
 Polytechnic Outdoor Leadership Courses

**Enquiries to:** Mr Fahey

# Faculty of Health and Physical Education

**Sport & Recreation Taskforce**

**13STF**

**NCEA Levels 2 & 3**

**Entry requirements:**

Open to students who would like to work in the outdoor education/tourism industry / sport and recreation customer service industry.

This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

This is an integrated outdoor education course, which includes standards from Outdoor Pursuits, Sport and Recreation, Tourism, English, Mathematics and Pre-Employment. Practical applications of skills learned are an important part of this course.

**Field Trips:**

Two one-day visits to training providers.

Four one-day practical outdoor and recreation visits.

**Course Costs:**

\$15 each day trip.

**Assessment:**

<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
2	5	15
3	3	10

**Next Step:**

Tourism or Adventure Recreation courses at North Canterbury Community College, Polytechnics or other tertiary providers, or employment.

**Enquiries to:**

Mr Fahey or Mrs Searle

# Faculty of Land-Based Studies

## Agricultural & Horticultural Science AGH11 NCEA Level 1

**Entry requirements:** None.  
Year 10 Agriculture or Animal Husbandry desirable.

**Content/Skills:**

This is an academic course that introduces agricultural science. The course covers animal reproduction, digestion and health, soils, plant production, the environment and the growing regions in New Zealand

**Field Trips:** 1 Full day  
**Course Costs:** \$20.00 to cover Field trips (1 full day)

The class will be out on the school farm once a fortnight carrying out practical activities.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4	14
External Achievement Standards	1	2	9

**Next Steps:** NCEA Level 2 Agriculture Science (AGH21)  
NCEA Level 2 Animal Husbandry (ANI21)  
**Enquiries to:** Mrs Koster

## Agriculture and Horticulture Science AGH21 NCEA Level 2

**Entry requirements:** 12 Credits Level 1 Agriculture, Horticulture or Science or at the discretion of the Head of Department.

**Content/Skills:**

This is an applied science course with practical studies and field trips. Students study the applied biology of livestock and plants and management of the environment, and soils.

**Field Trips:** 2 Day trips  
**Course Costs:** \$40.00 to cover Field Trips

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	2	2	7
External Achievement Standards	2	2	8
Internal Achievement Standards	2	2	8

**Next Step:** NCEA Level 3 Agriculture and Animal Husbandry (AGR31)  
**Enquiries to:** Mrs Koster

# Faculty of Land-Based Studies

## Agriculture and Animal Husbandry AGH31 NCEA Level 3

**Entry requirements:** NCEA Agriculture and Horticulture Science Level 2 and or Level 2 Animal Husbandry or at the discretion of the Head of Department.

**Content/Skills:**

An excellent stand alone course at Year 13 level. This course is suitable for those wanting to carry on in Agriculture at University or those wanting to study an Animal Husbandry type course at Polytech.

Topics covered include reproduction, genetics, the environmental impact of agriculture, farm dogs and the production and management of a local product.

**NOTE:** There are only 15 credits in this course that count towards University Entrance.

**Field Trips:** Farms, processing plants, marketing outlets.  
**Course Costs:** \$40.00 approximately  
Trips: Two one-day trips

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
External Achievement Standards	3	1	10
Internal Unit Standards	3	2	14

**Next Step:** Tertiary Course. Land-Based related industries, vet nursing.  
**Enquiries to:** Mrs Koster

# Faculty of Land-Based Studies

## Agriculture [formerly Animal Care] AGH13 NCEA Level 1

**Entry requirements:** Only those in Science 11 and 13 will be allowed entry.

**Introduction:**

Those students wanting to study Year 12 Animal Husbandry should take this course. It is aimed at those interested in farm and companion animals and the care of them.

**Content/Skills:**

Knowledge and practical skills in the care of cats, dogs, farm animals and other companion animals and New Zealand wildlife conservation.

**Field Trips:**

One full day trip  
Two ½ day 2-3 hour trips, plus in class time as arranged

**Course Costs:**

\$30.00 for field trips  
Overalls

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4	16

**Next Step:**

NCEA Level 2 Animal Husbandry (ANI21) or Equine Studies (EQU21).

**Enquiries to:**

Mrs Roberts or Mrs Koster

# Faculty of Land-Based Studies

**Animal Husbandry**

**ANI21**

**NCEA Level 2**

**Entry requirements:**

An interest in studying and working with animals.

This is a restricted course. Applications need to be made to the HOF / HOD.

**Introduction:**

This course is suitable for students who enjoy applied Biology and wish to either work with animals when they leave school or to continue on to Year 13 or animal care or animal husbandry type courses.

**Content/Skills:**

The course consists of the following topics: Basic animal anatomy, cattle reproduction, soil, health and diseases in farm animals. The class will also have one lesson every fortnight on the farm learning practical skills.

Students should only take two Unit Standard Land-Based Studies course in the same year. [Students wishing for an exemption should consult with Land-Based Studies staff and then their House Dean.]

**Field Trips:**

One full day trip

**Course Costs:**

\$25.00 for field trip  
Overalls

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	3	4	18

**Next Step:**

Year 13 Animal Husbandry/Agriculture  
Year 12 or Year 13 Biology  
Year 12 Equine Studies  
Year 12 Agricultural Science  
National Certificate in Animal Care  
Practical Farming, Land-Based Industries  
Veterinary Nursing  
Work in catteries, kennels, pet shops, zoos

**Enquiries to:**

Mrs Koster

# Faculty of Land-Based Studies

## Equine Studies EQU21 NCEA / NQF Levels 1, 2 & 3

**Entry requirements:** A committed interest in horses.  
A regular contact with horses outside of school hours.  
This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**  
This is a two year roll-over course. In 2012 we offer Year 1; in 2013 Year 2. Different units are offered each year.

Students will work towards the Level 2 National Certificate in Equine Studies using units at Levels 1, 2 and 3. This course will explore opportunities in the Equine industry and foster recreational interests.

- Key knowledge and skills for working with horses
- Industry visits
- Visiting speakers and demonstrations
- Support for Pony Club Certificates and competition days

**Field Trips:** 2 day trips to Kowhai Riding School and Horse sale  
Short local trips as required in class time  
\$50.00 riding trips fee

**Course Costs:** Optional extra curricular activities at various costs

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	1	1	3
	2	4	13
	3	2	9

**Next Step:** Year 2 Equine Studies. Further Industry Training, Polytechnic Courses. NZ National Certificate in Equine. Year 13 students who have completed years 1 or 2 will have the option of continuing Equine Studies using Telford Based Unit Standards and Gateway. There will be a cost of \$100.00

**Enquiries:** Mrs Roberts

**NOTE:** If you also study Transition as well as Equine, you can complete the National Certificate in Stable Skills Level 2.

# Faculty of Land-Based Studies

**Rural Studies    RUR11**

**NCEA/NQF Level 1**

**Entry requirements:**

An interest in land-based skills and a good attitude.

Those studying SCI12 will only be allowed to do RUR11 if they also take AGH11.

This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

Health and Safety, ATV use, fencing, stock handling, basic tractor use, rural general knowledge and recognition skills.

Students can earn credits through the Agriculture Industry Training Organisation (Ag I.T.O.) units that promote the safe and correct use of machinery, equipment and handling of animals.

The credits gained contribute towards National Certificates in Agriculture (Level 2) that may be completed at the end of Year 12 or continued and completed if in farm employment or through further Agriculture Industry Training.

**Field Trips:**

One full day trip

One short trip (3 hours)

**Course Costs:**

\$10.00 for field trip

Overalls and boots

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	1	1	3
	2	10	33

**Next Step:**

NCEA Level 2 Rural Studies or further Agricultural Industry Training or NCEA Level 1 Agriculture if it has not been studied previously.

**Enquiries to:**

Mr Murray or Mr Fleck

# Faculty of Land-Based Studies

**Rural Studies RUR21**

**NCEA/NQF Level 2**

**Entry requirements:** Only students that have gained at least 14 credits in Level 1 Rural Studies can take Level 2.  
This is a restricted course. Applications need to be made to the HOF / HOD.

Students continue to build on the skills learnt at Year 11, to extend the range and experience.

**Content/Skills:**

First Aid Farm Safety, chainsaw use, ATV, tractors with implements, shearing and wool handling, soils, stock handling, calf rearing.

[Optional extra courses in advanced chainsaw, wool handling and crutching.]

**Field Trips:** A 1 day trip to commercial farms.

**Course Costs:** Steel capped boots and overalls  
\$20.00 for trip

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	1	1	1
[plus optional units in chainsaw and crutching]	2	5	18
	3	3	13

**Next Step:** Year 13 Rural Studies  
Employment

**Enquiries to:** Mr Murray or Mr Fleck

# Faculty of Land-Based Studies

**Rural Studies RUR31**

**NCEA/NQF Levels 2 & 3**

**Entry requirements:** 14 credits in Level 2 Rural Studies courses and have a committed interest in working in Land-Based industries. Reasonable physical fitness is needed.  
This is a restricted course. Applications need to be made to the HOF / HOD.

**Introduction:**

This course caters for students who have successfully completed rural studies and agriculture courses, but are not yet ready for full-time work and want to continue school-based learning. They will have the opportunity to complete modules of the National Certificate in Agriculture Level 2.

Students should have developed some independent study skills and will need to undertake at least 10 days work experience on commercial farms. This can be achieved through the GATEWAY Programme, or during weekends and holidays.

**Content/Skills:**

Knowledge related to pasture production, soils and calculations, reproduction and livestock management.

Skills can be chosen from Sheep, Dairy or Beef Cattle strands.

Students will be encouraged to attend industry field days.

**Field Trips:** Day trips  
**Course Costs:** Approximately \$60.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	3	6	30

**Next Step:** Employment or further Agricultural Industry Training  
**Enquiries to:** Mr Murray or Mr Fleck

**NOTE:** The assessments in RUR31 will mainly be theory tests [written], unlike Year 11 and Year 12 which was mainly practical.

**It is not a course for those that just want to do work on the mini-farm.**

# Faculty of Land-Based Studies

## Agriculture [Taskforce Class] AGH14 NCEA Levels 1 & 2

**Entry requirements:** Must also take Rural 14 to be considered. Students in Science 12 will not be considered; they should choose AGH11.  
This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

This course is aimed at students that want to find practical employment in the Agriculture, Horticulture or Forestry industries.

They will study towards a Level One Certificate in the Primary Industries.

There are a lot of field trips to commercial properties during the year.

**Course Costs:** \$50.00 for trips [total for both AGH14 and RUR14]

**Assessment:** Unit Standards and Internal Achievement Standards [20 credits].

**Next Step:** Year 12 Taskforce class  
Year 12 Animal Husbandry

**Enquiries to:** Mrs Koster

## Agriculture [Taskforce Class] AGH24 NCEA Levels 2 & 3

**Entry requirements:** Those that were in the 2011 class that successfully completed the year. Others from Rural 11, AGH11 may apply and will be considered if spaces are available.

**Content/Skills:**

The class will learn Industry Unit Standards that are a mix of theory and practical. One day per week every student will be gaining practical experience in the Agriculture, Horticulture, Equine or Forestry sectors.

**Course Costs:** Approximately \$60.00 for trips

**Enquiries to:** Mrs Koster

# Faculty of Land-Based Studies

## Rural Skills [Taskforce Class] RURAL 14 NCEA Levels 1 & 2

**Entry requirements:** Must also choose AGH 14 to be considered.  
This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

This course is aimed at students that want to find practical employment in the Agriculture, Horticulture or Forestry industries.

They will study towards a Level One Certificate in the Primary Industries.

There are a lot of field trips to commercial properties during the year.

**Course Costs:** \$50.00 for trips [this is the total for studying both RUR14 and AGH14]

**Assessment:** Unit Standards [23 credits].

**Enquiries to:** Mrs Koster

# Faculty of Languages

## French Language and Culture FRE11 NCEA Level 1

**Entry requirements:** Year 10 French (FRE01)

**Content/Skills:**

This course builds on the four skills of reading, writing, listening and speaking. Topics cover travel, sport and leisure, holidays, eating out, health and communication.

**Field Trips:** None

**Course Costs:** \$5.50 for crêpes (*optional*)  
Study Note Booklet - \$16.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	2	9
External Achievement Standards	1	2	10

**Next Step:** NCEA Level 2

**Enquiries to:** Miss Abigail Wiseman

## French Language and Culture FRE21 NCEA Level 2

**Entry requirements:** 12 credits NCEA Level 1 French Language and Culture (FRE11) or at the discretion of the Head of Department

**Content/Skills:**

This is a communicative course in which students learn to express opinions and preferences, give and receive information, and discuss a variety of topics of interest in French. The language skills of reading, writing, speaking, listening and translation are extended. French culture will be covered through a study of film, song and literature.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	9
External Achievement Standards	2	2	10

**Field Trips:** None

**Course Costs:** \$5.50 for crêpes (*optional*)  
Study Note Booklet - \$16.00

**Next Step:** NCEA Level 3

**Enquiries to:** Miss Abigail Wiseman

# Faculty of Languages

## French Language and Culture FRE31

NCEA Level 3

**Entry requirements:** 12 credits of NCEA Level 2 French Language and Culture (FRE21) or at the discretion of the Head of Department.

**Content/Skills:**

This is a communicative course in which students learn to discuss problems, express themselves imaginatively and give opinions on a variety of topics of interest. French culture will be covered through a study of French film, song, art and literature.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	6
External Achievement Standards	3	3	15

**Field Trips:**

None

**Course Costs:**

\$5.50 for crêpes (*optional*)  
Study Note Booklet - \$16.00

**Next Step:**

University French

**Enquiries to:**

Miss Abigail Wiseman

## Japanese JAP11

NCEA Level 1

**Entry Requirements:** Year 10 Japanese (JAP01)

**Content/Skills:**

This course builds on Year 9 and 10 Japanese to complete up to level six of Japanese in the New Zealand Curriculum. Students should be able to use familiar language in a variety of situations, and understand and use many Japanese customs. Students are also expected to be able to read and write hiragana, katakana and 50 simple kanji by the end of this year.

**Field Trips:**

Senior Speech Competition / Senior Immersion Camp  
Japan Trip: Every 2 years

**Costs:**

\$15.00 for Course / Study Note Booklet

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	2	9
External Achievement Standards	1	2	10

**Next Step:**

NCEA Level 2 Japanese (JAP21)

**Enquiries to:**

Miss Michelle Dalley

# Faculty of Languages

## Japanese JAP21

## NCEA Level 2

**Entry Requirements:** 12 credits NCEA Level 1 Japanese (JAP11) or at the discretion of the Head of Department

**Content/Skills:**

Students continue to develop their language skills, learning more complex grammatical structures and gaining flexibility in using Japanese in less familiar contexts. They should be reaching the 'social competence' stage of language development. The study of the Japanese writing system continues, focusing on Kanji. By the end of the year students will be able to use approximately 130 of the most common kanji.

**Field Trips:** Senior Speech Competition / Senior Immersion Camp (Cost to be advised)

**Costs:** Japan Trip: Every 2 years  
\$15.00 Course / Study Note Booklet

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	9
External Achievement Standards	2	2	10

**Next Step:** NCEA Level 3 Japanese (JAP31)

**Enquiries to:** Miss Michelle Dalley

## Japanese JAP31

## NCEA Level 3

**Entry Requirements:** 12 credits NCEA Level 2 Japanese (JAP21) or at the discretion of the Head of Department

**Content/Skills:**

The four language skills are further developed. Students will have sufficient knowledge of vocabulary and grammar to allow communication and understanding of complex information in Japanese. Students expand their knowledge of kanji to a total of 200 characters including the meanings, how to write them and the various readings associated with each character.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	6
External Achievement Standards	3	3	15

**Field Trips:** Senior Speech Competition / Senior Immersion Camp (Cost to be advised)

**Costs:** Japan Trip: Every 2 years  
\$15.00 for Course / Study Note Booklet

**Next Step:** Tertiary study e.g. Polytechnic or University course

**Enquiries to:** Miss Michelle Dalley

## Te Reo Māori for Beginners MAO13

**Entry requirements:** None

**Content/Skills:**

This course is for students who have not studied a language and who wish to add to their skills prior to employment, or further study requiring language skills. This course will give students basic skills in Te Reo me ona Tikanga (the language and customs).

**Field Trips:** Marae visits  
**Trip Costs:** \$25.00 - \$35.00 per trip

**Next Step:** NCEA Level 1 Te Reo Māori (MAO11)  
**Enquiries to:** Mr Kaharoa Manihera

## Te Reo Māori MAO11

## NCEA Level 1

**Entry requirements:** Year 10 Te Reo Māori (MAO01)

**Content/Skills:**

This course extends the four basic skills of language listening, speaking, reading and writing. The cultural content will include the following: iwi (tribe), rohe (district), Marae, hui (gathering) and formal language associated with these. Students are examined in both written and oral Māori for each component.

**Field Trips:** Marae visits  
**Trip Costs:** \$75.00 - \$100.00 per trip  
**Costs:** \$45.00 Te Aka Dictionary

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	18
External Achievement Standards	1	2	12

**Next Step:** NCEA Level 2 Māori (MAO21)  
**Enquiries to:** Mr Kaharoa Manihera

# Faculty of Languages

## Te Reo Māori MAO21

## NCEA Level 2

**Entry requirements:** At least 12 credits at NCEA Level 1 Te Reo Māori (MAO11) or at the discretion of the Head of Department.

**Content/Skills:**

A course, which extends the work in Year 11, will be offered. Students will work on broadening their skills in reading, listening, writing and speaking.

**Field Trips:** Marae and Educational Institution visits

**Trip Costs:** \$25.00 - \$100.00 per trip

**Costs:** \$45.00 Te Aka Dictionary

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	12
External Achievement Standards	2	2	12

**Next Step:** NCEA Level 3 Māori (MAO31)

**Enquiries to:** Mr Kaharoa Manihera

## Te Reo Māori MAO31

## NCEA Level 3

**Entry requirements:** At least 12 credits at NCEA Level 2 Te Reo Māori (MAO21) or at the discretion of the Head of Department.

**Content/Skills:**

A course will be offered if there are sufficient students. If not, correspondence is available.

**Field Trips:** Marae and Educational Institution visits

**Trip Costs:** \$25.00 - \$10.00 per trip

**Costs:** \$45.00 Te Aka Dictionary

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	12
External Achievement Standards	3	2	12

**Next Step:** University or Polytechnic

**Enquiries to:** Mr Kaharoa Manihera

# Faculty of Mathematics

## Mathematics - Advanced MAT12

NCEA Level 1

**Entry requirements:** Year 10 Mathematics (MAT01) students who have been successful in this Year 10 course.

**Content/Skills:**

Achievement Standards: 1.1 Number, 1.2 Algebra, 1.3 Graphs, 1.7 Trigonometry, 1.10 Multivariate Data, 1.12 Probability.

**Field Trips:**

None

**Course Costs:**

Students require a scientific or graphic calculator  
Workbook \$25.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	11
External Achievement Standards	1	3	12

**Next Step:**

One of the NCEA Level 2 Mathematics courses

**Enquiries to:**

Mr Rollo or Mr Palmer

## Mathematics MAT11

NCEA Level 1

**Entry requirements:** Year 10 Mathematics (MAT01 or MAT02)

**Content/Skills:**

This course consists of six Achievement Standards, three of these are internally assessed. The topics include: Number, Algebra, Graphs, Statistics, Probability and Geometry [including trigonometry].

Selected students will be invited to study the advanced Level 1 Mathematics course – MAT12.

**Field Trips:**

None

**Course Costs:**

Students require a scientific or graphic calculator  
Workbook \$25.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	12
External Achievement Standards	1	3	11

**Next Step:**

One of the NCEA Level 2 Mathematics courses

**Enquiries to:**

Mr Rollo or Mr Palmer

# Faculty of Mathematics

## Mathematics – Applied MAT13

NCEA Level 1

**Entry requirements:** This course is designed for students who have had considerable difficulty in Year 10 Mathematics, usually the students in MAT03, but who wish to consolidate and extend their learning of basic concepts.

**Content/Skills:** Some of the Internal Achievement Standards and the Numeracy Unit Standards will be offered to go towards NCEA Level 1.

**Field Trips:** None  
**Course Costs:** Students require a basic calculator

**Next Step:** NCEA Level 1 Mathematics (MAT11) or NCEA Level 2 Mathematics – Applied (MAT23)

**Enquiries to:** Mr Rollo or Mr Palmer

## Mathematics – Advanced MAT22

NCEA Level 2

**Entry requirements:** Advanced Mathematics is a course for student who achieve at least 4 out of 6 Level 1 achievement standards, preferably with Merit or better from Achievement Standards 1.2 and/or 1.3 (at least 20 credits).

**Content/Skills:** Achievement Standards: 2.3 Sequences & Series, 2.1 Co-ordinate Geometry, 2.2 Graphing, 2.5 Statistics, 2.7 Calculus, 2.12 Probability, 2.4 Trigonometry, 2.6 Algebra.

**Field Trips:** None  
**Course Costs:** Students require a scientific or graphics calculator.  
Workbook \$25.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	4	11
External Achievement Standards	2	3	14

**Next Step:** This course leads on to NCEA Mathematics Level 3, both Maths with Statistics and Maths with Calculus.

**Enquiries to:** Mr Rollo or Mr Palmer

# Faculty of Mathematics

## Mathematics MAT21

## NCEA Level 2

**Entry requirements:** Mathematics is a course suitable for students who achieved between 12 and 19 credits at Level 1 Mathematics preferably with credit from at least one Algebra Achievement Standard.

**Content/Skills:**

Achievement Standards: 2.7 Sequences & Series, 2.5 Statistics, 2.6 Probability, 2.2 Algebra.  
Unit Standards: 5245 Coordinate Geometry, 5246 Algebra, 5244 Calculus, 5251 Trigonometry.

**Field Trips:** None

**Course Costs:** Students require a scientific or graphic calculator.

Assessment:	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	7
External Achievement Standards	2	2	5
Internal Unit Standards	2	4	10

**Next Step:** Students who achieve at least 12 credits in this course will be able to do NCEA Level 3 Mathematics with Statistics (MAT31)

**Enquiries to:** Mr Rollo or Mr Palmer

## Mathematics – Applied MAT23

## NCEA Level 1 & 2

**Entry requirements:** This course is a mix of NCEA Mathematics Level 1 and 2 units and is suitable for students with limited success at Level 1 (between 6 and 10 credits).

**Content/Skills:**

This course offers a full range of Unit Standards at both Level 1 and Level 2. These will be selected from the topics in Number, Measurement, Algebra, Geometry, Statistics, Probability. Each student has their own individual programme; this depends on their learning record and goals.

**Field Trips:** None

**Course Costs:** Students require a scientific calculator

Assessment:	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	1	4
External Achievement Standards	1	3	8
Internal Achievement Standards	2	1	2
External Achievement Standards	2	2	5

**Next Step:** Mathematics – Applied (MAT33) (only if it is the second year in the Maths Applied Courses)

**Enquiries to:** Mr Rollo or Mr Palmer

# Faculty of Mathematics

## Mathematics – Applied MAT33

## NCEA Level 2 & 3

**Entry requirements:**

This course is designed for students who have attempted NCEA Mathematics Level 2 and wish to consolidate and extend their learning of mathematics.

This is **not** a course for students who have studied Mathematics – Applied MAT23.

**Content/Skills:**

This course will offer some Level 2 and 3 Achievement Standards and Unit Standards. All Standards will be Internally Assessed, i.e. no exam at the end of the year

**Field Trips:**

None

**Course Costs:**

Students require a scientific calculator

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	7
Internal Achievement Standards	3	2	6
Internal Unit Standards	2	3	7

**Next Step:**

-

**Enquiries to:**

Mr Rollo or Mr Palmer

**Entry requirements:** NCEA Level 2 Advanced Mathematics (MAT22) at least 18 credits which needs to include at least a merit in Achievement Standard 2.3 (Calculus) and 2.1 (Algebra).

**Content/Skills:**

This course is designed for students going on to study mathematics, the physical sciences and engineering at a tertiary level.

Topics include quadratic equations and function; binomial theorem; differentiation; trigonometric functions, co-ordinate geometry; compound angles; trigonometric equation; applications of differentiation; complex numbers; conics, parametric representation.

- 3.1 Find and use derivatives to solve problems
- 3.2 Find and use integral and numerical methods to solve problems
- 3.3 Model situations using differential equations
- 3.4 Manipulate real and complex numbers, and solve equations
- 3.5 Sketch graphs and find equations of conic sections
- 3.6 Solve problems and equations involving trigonometric functions

**Field Trips:** None  
**Course Costs:** Students require a scientific calculator or Graphics Calculator [Graphics preferred]  
 Workbook \$25.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	6
External Achievement Standards	3	4	18

**Next Step:** Tertiary Course  
**Enquiries to:** Mr Rollo or Mr Palmer

# Faculty of Mathematics

## Mathematics – Statistics and Modelling MAT31 NCEA Level 3

**Entry requirements:** NCEA Level 2 Mathematics at least 12 credits in Level 2 Advanced Mathematics or at least 12 credits in Level 2 Mathematics. This must include US5246 [Algebra].

**Content/Skills:**

This course is designed for students interested in quantitative aspects of the biological and social sciences, medicine, commerce and administration mathematics. Students with a strong interest in mathematics may wish to use this course to complement their work in Mathematics with Calculus.

- 3.1 Determine the trend for time series data
- 3.2 Calculate confidence intervals for population parameters
- 3.3 Solve probability problems
- 3.4 Solve non-linear equations and systems of three linear equations
- 3.5 Complete a statistical investigation involved bi-variate data
- 3.6 Use probability distribution models to solve problems
- 3.7 Use mathematics models involving curve fitting to solve problems
- 3.8 Use linear programming methods to solve problem(s)

**Field Trips:** None  
**Course Costs:** Students require a scientific calculator or Graphics Calculator  
Workbook \$25.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	3	8
External Achievement Standards	3	4	16

**Next Step:** Tertiary Course  
**Enquiries to:** Mr Rollo or Mr Palmer

## Biology BIO21

## NCEA Level 2

**Entry requirements:** 12 credits in Level 1 (or above) Science

**Content/Skills:**

This is a course designed to introduce students to a wide range of biological subject areas. Studies will include Cell Biology, Genetics, Ecology and Animal Physiology. Practical work is an essential component of this course. Students will be asked to complete internally assessed achievement standards in research, laboratory work and field work. Students will be required to attempt a minimum of 18 credits with a maximum of 21 credits offered.

**Field Trips:** One day trip to Mt Thomas (location subject to change).

**Course Costs:** Field Trip approximately \$20.00  
Student Workbook \$31.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internally Assessed	2	3	9
Externally Assessed	2	4	12

**Next Step:** NCEA Level 3 Biology (BIO31)

**Enquiries to:** Mr Gilbert

## Biology BIO31

## NCEA Level 3

**Entry requirements:** 12 credits in NCEA Level 2 Biology, Chemistry or Physics

**Content/Skills:**

This course includes the study of Genetics, Animal and Plant interaction with their environment, Evolution and Human Evolution. There is a one day field trip to Orana Park to study animal behaviour and a three day trip to Kaikoura. The Kaikoura trip is based at the University of Canterbury marine laboratory in Kaikoura where the students will study marine ecology. Students will be required to attempt a minimum of 18 credits with a maximum of 21 credits being offered.

**Field Trips:** Orana Park: One day – cost approximately \$20.00

Kaikoura: Three days – cost approximately \$150.00

**Course Costs:** Student workbook and model answers: Approximately \$31.00  
Scrapbook (Research Log): Approximately \$2.50

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internally Assessed	3	3	10
Externally Assessed	3	3	11

**Next Step:** Tertiary Study

**Enquiries to:** Mr Gilbert

# Faculty of Science

## Chemistry CHE21

## NCEA Level 2

**Entry requirements:** At least 14 credits in Level 1 Science, including 8 credits in Level 2 Chemistry.  
At least 14 credits in Level 1 Mathematics is desirable.

**Content/Skills:**

A course with a large practical component. Content areas include: atomic structure, bonding and related properties, chemical reactions, qualitative and quantitative analysis and properties and reactions of some organic substances.

**Field Trips:**

None

**Course Costs:**

\$40.00 Workbook NCEA Level 2 and CD Rom

\$2.00 for internet access to online learning through 'Best Choice' website

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	6
External Achievement Standards	2	3	13

**Next Step:**

NCEA Level 3 Chemistry (CHE31)

**Enquiries to:**

Mrs McCracken

## Chemistry CHE31

## NCEA Level 3

**Entry requirements:** 16 Credits from NCEA Level 2 Chemistry (CHE21) and Achieved in NCEA Level 2 Mathematics AS2.1

**Content/Skills:**

A course building on material covered in NCEA Level 2. Content areas include: redox reactions, periodic trends in atomic properties, chemistry of transition metals, exothermic and endothermic processes, solubility, buffers, electrochemical cells and properties and reactions of important organic substances. Scholarship is available in Chemistry. Please discuss this with your teacher or Head of Department at the earliest opportunity.

**Field Trips:**

None

**Course Costs:**

\$30.00 Continuing Chemistry NCEA L3 + CD Rom

\$38.00 ESA Chemistry Study Guide NCEA Level 3 Year 13

\$2.00 for internet access to online learning through 'Best Choice' website

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	1	3
External Achievement Standards	3	4	18

**Next Step:**

University or Polytechnic Course

**Enquiries to:**

Mrs McCracken

**Entry requirements:**

Science 1.1 and Physics 1.1  
 Mathematics 1.2, 1.3 and 1.7  
 Students should also be taking Level 2 Mathematics (MAT21 or MAT22)  
 Head of Department approval is needed if these requirements are not met.

**Science Achievement Standards**

- 90935 Carry out a practical physics investigation that leads to a linear mathematical relationship.
- 90940 Demonstrate understanding of aspects of mechanics.

**Mathematics Achievement Standards**

- 91032 Apply right angled triangles in solving measurement problems.
- 91027 Apply algebraic procedures in solving problems.

**Content/Skills:**

Physics is the part of Science and Technology that explains why and how things behave the way they do.

Physics is a subject for those who would like to know more about the world around them or are thinking of a career in engineering, computing, electronics, medicine, physiotherapy or architecture.

Mathematics is often used as a tool in analysing experiments and solving problems so a good grounding in Mathematics is essential.

The course includes a study of:

- Optics (Light and waves).
- Mechanics (Motion, forces, energy and momentum).
- Electricity (Electrostatics and Electric Currents).
- Magnetism (including electromagnets, motors and generators).
- Nuclear Physics (atoms and nuclear reactions).

**Field Trips:**

-

**Course Costs:**

\$12.00 Workbooks

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	4
External Achievement Standards	2	3	17

**Next Step:**

NCEA Level 3 Physics (PHY31) or NCEA Level 3 Science (SCI31)

**Enquiries to:**

Mr Kersey

# Faculty of Science

## Physics PHY31

## NCEA Level 3

**Entry requirements:**

10 Credits in NCEA External Physics Achievement Standards.  
15 Credits in NCEA Level 2 Physics, and Maths AS2.1 and Maths AS2.2,  
or Head of Department's approval.  
Students should also be studying Level 3 Maths, preferably Maths with  
Calculus.

**Content/Skills:**

Physics is a science of technology. People who study Physics can pursue careers in fields such as dentistry, medicine, audiology, radiography, optometry, meteorology, electronics, architecture and engineering. This course includes a study of Mechanics, Waves, Electromagnetism and Atomic Physics. The course has a strong focus on practical work. Scholarship (Level 4) is available in Physics.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	1	5
External Achievement Standards	3	4	18

**Field Trips:**

None

**Course Costs:**

\$28.00 Learning Workbook

**Next Step:**

Tertiary Physics or Engineering courses

**Enquiries to:**

Mr Kersey

**Entry requirements:** Year 10 Science (SCI01)

**Content/Skills:**

There are 3 levels operating at Year 11, designed to meet the needs of a range of student ability. Students select a particular level based on their performances in Year 10 Science and in consultation with teaching staff.

### Science – Continuing (SCI12)

These classes will study NCEA Level 1 Biology, Chemistry and Physics. It is set up for students achieving well in Science and wishing to continue with Science at Level 2 and beyond. These Standards will give students a good foundation for tertiary study in Science. Examples are Engineering, Health Science and Forensics. This course is assessed by one internal A.S. and four external A.S. Twenty credits are available.

**These students will be encouraged to achieve their Science credits at the level of Excellence.**

**Topics:** Carbon Chemistry, Chemical Reactions, Mechanics, Electricity and carry out a practical investigation.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	1	4
External Achievement Standards	1	4	16
Internal Unit Standards	1	0	0

### Science – General (SCI11)

These classes will study NCEA Level 1 Biology, Chemistry and Physics. It is set up for students interested in Science and wishing to keep their options open so they can continue with Science at Level 2 and beyond. The course is assessed by two internal and three external A.S. Twenty credits are available.

**These students will be encouraged to achieve their Science credits at the level of Excellence**

**Topics:** Genetics, Micro-organisms, Acid Base Chemistry, Mechanics and carry out a practical investigation.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	2	8
External Achievement Standards	1	3	12
Internal Unit Standards	1	0	0

# Faculty of Science

## Science – Internal (SCI13)

This course allows students to continue with a Science course that is both interesting and relevant. It includes a range of hands-on topics and is internally assessed by Achievement and Unit Standards at the end of each topic. It is set up so students can achieve credits in Science that can go towards NCEA. **The students will be encouraged to work towards passing all of the available Standards.**

**Topics:** Chemical Reactions, Biotechnology, Earth & Space, life processes or horticulture and Scientific Skills.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4-6	16-20
External Achievement Standards	1	0	0
Internal Unit Standards	1	0-4	0-4

**Field Trips:** None  
**Course Costs:** SCI12 - average cost \$9.00 for each Science mini workbook  
 SCI11 - average cost \$9.00 for each Science mini workbook  
 SCI13 - \$25.00 total for two workbooks  
 \$2.00 for internet access to online learning through ‘Best Choice’ website

**Next Step:** NCEA Level 1 Science (SCI11)  
 NCEA Level 2 Biology (BIO21)  
 NCEA Level 2 Chemistry (CHE21)  
 NCEA Level 2 Physics (PHY21)  
 NCEA Level 2 Science (SCI21)

**Enquiries to:** Mr Gilbert, Mrs McCracken or Mr Kersey

## Science SCI21

## NCEA Level 2

**Entry requirements:** At least 12 credits in NCEA Level 1 Biology, Chemistry, Physics or Science.  
 This must include A.S.1.1 Investigation or Consultation with the Head of Department.

### Content/Skills:

Includes New Zealand’s flora and fauna, using a microscope to investigate biological material, fertilisers and society, rockets, satellites and space probes, reflection and refraction of light and the effects of salinity on seed germination.

This is a fully internally assessed course.

**Field Trips:** One  
**Course Costs:** \$50.00

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	2	5	16
Internal Achievement Standards	2	1	4

**Next Step:** NCEA Science Level 3 or NCEA Level 2 Biology  
**Enquiries to:** Mrs McCracken or Ms Elms

**Entry requirements:** 12 NCEA credits from any Level 2 Science course (Biology, Chemistry, Physics or Science) or with consultation with the Head of Department.

**Contents Skills:**

Includes genetics, electromagnetic spectrum, radioactivity, sound and ultrasound, esters, fats and oils, soaps and detergents, geological processes and the study of an astronomical event or discovery since 1995. Please be aware that this is a full academic course.

There is an internal assessment component, which includes extended practical investigation 3.1 (4 credits), and astronomy 3.7 (2 credits). There is a three-hour external written examination at the end of the year for the external credits (15 credits). Scholarship (Level 4) is available in Science. Please discuss this with your teacher or Head of Department at the earliest opportunity.

**Field Trips:** None

**Course Costs:** None

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	6
External Achievement Standards	3	4	15

**Next Step:** Polytechnic course or University

**Enquiries to:** Mrs McCracken or Ms Elms

# Faculty of Social Science

## Classical Studies CLS21

## NCEA Level 2

### Entry Requirements:

A minimum of three Achieved grades (or better) in NCEA Level 1 History or 3 Achieved grades (or better) in NCEA Level 1 English or with the approval of the Head of Department. (Miss Gallen)  
Students must have achieved a Level One essay standard for entry to 12 Classics.

### Content/Skills:

Classical Studies is a subject for those who are interested in History, English, Art History, as well as the huge influence of the Greeks and the Romans. Students will examine the history, literature and art of the classical period and learn resource interpretation, critical thinking and analytic writing skills.

Five Achievement Standards will be offered in 2012. Students will attempt four of the five standards.

This course is based on four topics:

- The Odyssey by Homer
- Roman Social Life
- Roman Art and Architecture – Pompeii and Herculaneum
- Classical Mythology

### Field Trips:

There may be a field trip to Christchurch for Achievement Standard 2.5 and may be trips to relevant theatrical performances, university seminars, displays, movies etc during the course of the year. Estimated cost of each, including transport: approximately \$15.00

### Course Costs:

None, but students are strongly advised to purchase Cowell 'Life in Ancient Rome' at a cost of \$32.00.

### Assessment:

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	10
External Achievement Standards	2	3	14

### Next Step:

NCEA Level 3 Classical Studies (CLS31)

### Enquiries to:

Miss Gallen

# Faculty of Social Science

## Classical Studies CLS31

## NCEA Level 3

**Entry requirements:**

At least 3 Achieved grades or better in NCEA Level 2 Classical Studies, History or certain English standards. Students who have NOT taken Classical Studies or History before MUST have prior approval from the Head of Department.

Students must have achieved an essay standard in NCEA Level 2 to gain entry into NCEA Level 3 Classics.

Classical Studies is a subject for those who are interested in History, English, Art History, as well as the huge influence of the Greeks and the Romans. Students will examine the history, literature and art of the classical period and learn resource interpretation, critical thinking and analytic writing skills.

All NCEA Level 3 Classical Studies Achievement Standards will be offered in 2012.

Topics for 2012 will be:

- Roman Art and Architecture
- The Aenied by Virgil
- Roman Religion or Alexander the Great

**Field Trips:**

There may be trips to relevant theatrical performances, university seminars, displays, movies etc during the course of the year. Estimated cost of each, including transport: approximately \$15.00

**Course Costs:**

Students are strongly recommended to purchase Year 13 Study Guide: NCEA Classical Studies published by ESA. Cost \$30.00.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	1	6
External Achievement Standards	3	3	18

**Next Step:**

University Course

**Enquiries to:**

Miss Gallen

# Faculty of Social Science

## Geography GEO11

## NCEA Level 1

**Entry Requirements:** Open to all students.

**Content/Skills:**

This NCEA course is a general introduction to Geography.

Geography is a 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.

Field work is an integral and compulsory part of the course, involving NCEA internal achievement standards.

The following topics are studied in the Year 11 programme:

- Extreme natural events
- Geographic skills
- Sustainable use of an environment
- Geographic research
- Contemporary geographic issues

The course teaches skills in fieldwork, mapping, graphing, computer use, paragraph writing and resource interpretation. The course is assessed by both internally and externally assessed activities.

**Field Trips:** 3 days  
**Course Costs:** Fieldwork costs approximately \$200.00  
Course Books \$20.00 to \$30.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	10
External Achievement Standards	1	2	8

**Next Step:** NCEA Level 2 Geography (GEO21)  
**Enquiries:** Mr Olson

# Faculty of Social Science

## Geography GEO21

## NCEA Level 2

**Entry Requirements:** 11 credits from NCEA Level 1 Geography (GEO11, with at least one external), or at the discretion of the HOD

**Content/Skills:**

This NCEA course develops students' skills and understanding of the Geographic world. 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.

Field work is an integral and compulsory part of the course, involving NCEA internal achievement standards.

The following topics are studied in the Year 12 programme:

- Natural landscapes
- Geographic skills
- Geographic research
- Contemporary geographic issues
- Global patterns and processes

The course teaches and builds on skills in conducting geographic research, fieldwork, mapping, graphing, computer use, paragraph writing, and resource interpretation. The course is assessed by both internally and externally assessed activities.

**Field Trips:** Term 1- South Island High Country – 3 days

**Course Costs:** Fieldwork costs approximately \$230.00

Course Books \$20.00 to \$30.00 [*slightly more for first time geographers*]

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	11
External Achievement Standards	2	2	7

**Next Step:** NCEA Level 3 Geography (GEO31), Tourism course, Tertiary studies.

**Enquiries to:** Mr Olson

# Faculty of Social Science

## Geography GEO31

## NCEA Level 3

**Entry Requirements:** 11 credits NCEA Level 2 Geography (GEO21, with at least one external) or at the discretion of the HOD

**Content/Skills:**

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.

Field work is an integral and compulsory part of the course, involving NCEA internal achievement standards.

The following topics are studied in the Year 13 programme:

- Coastal Processes on the Canterbury Coastline
- Geographic skills
- Geographic research
- Contemporary geographic issues
- Global patterns and processes

Skills such as conducting geographic research, mapping, graphing, computer use, surveying, paragraph writing, and resource interpretation will be extended. Students will complete an individual research project.

**Field Trips:** 4 Days  
**Course Costs:** Fieldwork costs approximately \$230.00  
Course Books \$20.00 to \$30.00 [*slightly more for first time geographers*]

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	4	12
External Achievement Standards	3	3	9

**Next Step:** Tertiary studies, employment  
**Enquiries to:** Mr Olson

# Faculty of Social Science

## History HIS11

## NCEA Level 1

**Entry Requirements:** An interest in History and good Social Studies and English results.

**Content/Skills:**

History is a subject for those who are interested in learning about the past but also for those who want to develop good academic skills. History enables students to develop skills of analysis and critical thinking. The ability to understand ideas and to formulate, develop and present information is essential to all vocational areas. This course enables students to use specific content to develop the skills of resource analysis, writing a coherent argument and understanding the perspectives of others.

Five Achievement Standards will be offered in 2012.

Topics studied during the year may include: Stalin – Revolutionary leader, Black Civil Rights in USA 1954 - 70, Ireland in conflict 1909-22, New Zealand and its Search for Security 1945-85 and the Origins of WWII. Two research projects will also be undertaken. More details will be given at the start of the year.

**Field Trips:** Students may occasionally be required to go to relevant movies, field trips, etc. Estimated cost included travel: Approx. \$15 per occasion.

**Course Costs:** Research costs e.g. photocopying. Departmental workbooks with resources and exercises may be available for various topics.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	12
External Achievement Standards	1	2	8

**Next Steps:** NCEA Level 2 History (HIS21)  
NCEA Level 2 Classical Studies (CLS21)

**Enquiries to:** Miss Gallen

# Faculty of Social Science

## History HIS21

## NCEA Level 2

### Entry Requirements:

Preference given to those who gain a minimum of three Achieved grades (or better) in NCEA Level 1 History or 3 Achieved grades (or better) in certain NCEA Level 1 English.

No previous study of History required, but if this is the case, entry to the course is at the discretion of the Head of Department. Students must have achieved a Level 1 essay standard to gain entry into NCEA Level 2 History.

### Content/Skills:

History is a subject for those who are interested in learning about the past but also for those who want to develop good academic skills. History enables students to develop skills of analysis and critical thinking. The ability to understand ideas and to formulate, develop and present information is essential to all vocational areas. This course enables students to use specific content to develop the skills of resource analysis, writing a coherent argument and understanding the perspectives of others.

Six Level 2 achievement standards will be offered in 2012. Students will attempt five of the six standards.

This course is divided into two sections:

#### 1 Major events in History:

The following topics will be studied in 2012:

- Russia in Revolution: from Tsar Nicholas II to Lenin
- Vietnam War
- Authority and Dissent in Australia: including Ned Kelly and the Bush Rangers
- New Zealand's identity and its growth

#### 2 Research assignment:

There will be three research investigations of some specialised aspect of history. More details will be given in the course outline at the start of the year

### Field Trips:

There may be trips to relevant movies, university seminars etc during the course of the year. Estimated cost of each, including transport – approximately \$15.00

### Course Costs:

Departmental workbooks with resources and exercises maybe available for various topics.

### Assessment:

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	12
External Achievement Standards	2	3	14

### Next Step:

NCEA Level 3 History (HIS31)

### Enquiries to:

Miss Gallen

# Faculty of Social Science

## History HIS31

## NCEA Level 3

### Entry Requirements:

3 Achieved grades or better in Level 2 History and/or Classical Studies or certain English Achievement Standards. Students who have NOT taken History or Classical Studies before MUST have prior approval from the Head of Department.

Students must have gained an Achieved [or better] grade in an external NCEA Level 2 essay standard.

### Content/Skills:

History is a subject for those who are interested in learning about the past but also for those who want to develop good academic skills. History enables students to develop skills of analysis and critical thinking. The ability to understand ideas and to formulate, develop and present information is essential to all vocational areas. This course enables students to use specific content to develop the skills of resource analysis, writing a coherent argument and understanding the perspectives of others.

Two NCEA Level 3 History Achievement Standards are internally assessed, based on research or investigative assignments/projects, the remaining three NCEA Level 3 Achievement Standards will be skills based and will relate to Tudor Stuart England 1558 – 1667. They are assessed in an external exam.

The internally-assessed module assesses students on their research and investigative work in a major assignment carried out during the year.

Content covered will include a study of aspects of English society during the crucial period of 1558-1667:

- Sex, marriage & family life
- Religious and popular beliefs, witchcraft and diseases.
- Social & economic changes
- Elizabethan & early Stuart government
- Major problems faced by Elizabeth I, James I & Charles I and how they dealt with them
- The English Revolution and its consequences: Revolution, Republic and Restoration.

### Field Trips:

There may be trips to relevant university seminars, displays, movies etc. during the course of the year. Estimated cost of each, including transport: approximately \$15 - \$20

### Course Costs:

There may be workbooks available for purchase.

### Assessment:

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	9
External Achievement Standards	3	3	15

### Next Step:

University Course

### Enquiries to:

Miss Gallen

# Faculty of Social Science

## Media Studies MES11

## NCEA Level 1

**Entry requirements:** Year 10 Media Studies or English – a good attitude and the ability to meet deadlines are essential. Students also require a high level of Literacy and entry into this course is at the discretion of the Head of Department.

### Content/Skills:

Our Year 11 course offers students a grounding in the concepts required for further study of the media. Beginning with a study of ourselves as an audience, this progresses through a genre study onto camera skills and film production. You need to have a high level of attainment in Year 10 English, be motivated, organised and ready to learn. Topics covered include: stop-motion animation, photo-journalism, teen films and radio audiences.

**Field Trips:** To be advised.  
**Course Costs:** \$20.00 course handbook  
\$15.00 Mini DV tape

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Achievement Standards	1	5	18

**Next Step:** NCEA Level 2 Media Studies (MES21)  
**Enquiries to:** Miss Haward

## Media Studies MES21

## NCEA Levels 2

**Entry requirements:** 12 credits in NCEA Level 1 English or Media Studies. At least three external credits are needed from either subject. Entry into this course is at the discretion of the Head of Department.

### Content/Skills:

Media Studies offers students the opportunity to look at the role the media plays in their own lives on a daily basis. This is a demanding course and meeting deadlines is essential in both production and theory. Students investigate film conventions and television crime drama during Term 1. They then move on to newspaper theory and production, creating advertisements and looking at the representation of Maori culture through New Zealand film. You need to be motivated, enthusiastic and have an enquiring mind.

**Field Trips:** -  
**Course Costs:** \$20.00 course handbook  
\$15.00 mini DV tape

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Achievement Standards	2	5	18

**Next Step:** NCEA Level 3 Media Studies (MES31), Scholarship Media Studies  
NZ School of Broadcasting, CPIT, Canterbury School of Media  
**Enquiries to:** Miss Haward

# Faculty of Social Science

**Media Studies MES31**

**NCEA Level 3**

**Entry requirements:** 12 credits in NCEA Level 2 English or Media Studies  
At least six external credits are needed from either subject. Entry into this course is at the discretion of the Head of Department.

**Content/Skills:**

Year 13 Media Studies focuses on the sociological side of the media and we encourage students to develop critical thinking skills in terms of how they read and process media messages. Students will study a film genre, short film and documentary theory and production, a specific director and the Hollywood film industry. Scholarship media studies is also offered to students at this level.

The course is demanding and meeting deadlines is an essential element for both production and theory.

**Field Trips:** To be advised  
**Course Costs:** \$20.00 course handbook  
\$15.00 mini DV tape

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	4	12
External Achievement Standards	3	2	8

**Next Step:**

Media/Communication Studies  
- Auckland University of Technology  
- University of Waikato  
- University of Canterbury  
- Massey University  
NZ School of Broadcasting, CPIT, Canterbury School of Media  
NZ Film School, Aoraki Polytechnic

**Enquiries to:**

Miss Haward

# Faculty of Social Science

**Tourism TOU21**

**National Certificate in Tourism Level 2**

**Entry Requirements:** This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

This is a vocational course aimed at introducing the Tourism Industry to secondary school students. The Year 12 course focuses on the Level 2 Unit Standards within the National Certificate. For Year 12 students aiming towards the National Certificate in Tourism and Travel Level 2, this will be a two year course. The total number of Tourism credits required over two years is 40.

**Students must also gain 6 literacy credits at Level 2 and 8 numeracy credits at Level 1 to attain the National Certificate.**

Topics include knowledge of global and New Zealand travel destinations, communication with people of other cultures, basic computer applications, service sector skills, and the putting together of itineraries for those on the move in tourism.

The course would be useful for students who wish to undertake further training at private training providers in tourism. Those who want to gain employment in the tourism industry are advised to take a course such as this, along with anyone with a general interest in travel, recreation and leisure studies.

**Field Trips:** 2 Days  
**Course Costs:** \$120.00 – to cover Workbooks  
**Field trip cost to be advised**

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	8	24

**Next Step:** Complete National Certificate in Tourism and Travel (Level 2) / Tertiary studies or employment

**Enquiries to:** Mr Olson

# Faculty of Social Science

## Tourism TOU31

## National Certificate in Tourism Level 2

**Entry Requirements:** 20 credits Level 2 Tourism  
This is a restricted course. Applications need to be made to the HOF / HOD.

**Content/Skills:**

This course is a continuation of TOU21 and builds towards the National Certificate in Tourism Level 2. The course includes two major topics totaling 16 credits, and two smaller topics totaling 8 credits. All are based around skills relevant to work in the tourism industry.

There will be TWO different categories of student:

- a) Those continuing with tourism from Year 12 and completing the National Certificate in Tourism, Level 2.
- b) Students wishing to pick up tourism for the first time at Year 13.

Topics include an in-depth focus on Australia, the Pacific Islands and Queenstown.

There is a strong requirement of students to undertake mature individual study to complete this course. As the tourism industry requires accurate, up to date information, considerable use is made of the internet, for information on airline and attraction times, prices, and details.

The course will be useful for students:

- a) who wish to undertake further training at private training providers in tourism.
- b) who want to gain employment in the tourism industry are advised to take a course such as this.
- c) who have a general interest in travel, recreation and leisure studies.

**Field Trips:** 2 Days  
**Course Costs:** \$120.00 – Workbooks  
Field trip cost to be advised.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	3	4	24

**Next Step:** Tertiary studies or employment  
**Enquiries to:** Mr Olson

# Faculty of Teaching and Learning

## Te Awhina Programme TAP11

Year 11

**Entry requirement:** Students are selected/invited into this class. Students cannot take both TAP and Transition

**Content/Skills:**

This is a Practical English programme covering Literacy Credits and a general English Level 1 course tailored to individual requirements. Some transition Unit Standards are also covered.

Students invited are predominantly those diagnosed with SLD conditions. They will have extra tutor support for Literacy and Numeracy credits and will have supervised study as part of their programme – to support elective subjects.

This is an 8 hour course. Student will be enrolled in 5 subjects.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	1	7	21
Internal Achievement Standards	1	1-2	3-6

## Te Awhina Programme TAP21

Year 12

**Entry requirement:** Students are selected/invited into this class. Students cannot take both TAP and Transition

**Content/Skills:**

This is a Practical English programme covering Literacy Credits both Level 1 and 2, and some other English Achievement Standards depending on individual requirements. Some Transition/Pre-employment Unit Standards are also covered.

This is an 8 hour course. Student will be enrolled in 5 subjects including support for learning in other subjects through supervised study.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	2	4	14
Internal Achievement Standards	2	2	9

**Entry Requirements:** DIT01 or DIT02 OR  
by consultation with the Head of Department

### Digital Media with Information

Digital Technologies enables students to access, manage, integrate, critically evaluate, communicate, and create a variety of information in an innovative and ethical way, and to meaningfully engage with a range of stakeholders to solve problems and produce outcomes. Students will develop the skills, knowledge and ability to adapt themselves to an ever-changing global environment.

This course consolidates and expands on skills and knowledge gained in DIT91/92 and DIT01/02.

### Content/Skills:

**Digital Media** which covers demonstrating and implementing the knowledge and understanding of application software such as audio, video, graphics, animation or still images eg a multi-page website, a multi-page printed document.

**Digital Information** which covers demonstrating an understanding of the role of digital tools and systems for managing information and to design and construct systems to manage information for a specific purpose eg spreadsheets, database, presentation, word processing and multi-media solutions.

**Digital Infrastructure** which covers hardware and associated peripherals and systems software.

Throughout the course, **planning tools** will be used to effectively manage the development of outcomes along with testing, refining and evaluating design ideas through **functional modelling**.

**Note:** The pathway for this course in 2013 will be Digital Media and Programming (DIT21) or Digital Information with Media (DIT 23) and DIT31 or DIT33 in 2014.

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** NCEA Level 2 – 12 Digital Technologies

**Enquiries to:** Mrs Kininmonth

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4	15
External Achievement Standards	1	2	6

# Faculty of Technology

## Digital Technologies (DT)

## DIT21 NCEA Level 2

**Entry Requirements:** DIT11

This course builds and expands on skills and knowledge gained in DIT11 and is aligned to the Natcoll Creating Futures Programme.

Students will be provided with experiences to extend their knowledge and skills through exposure to a variety of software applications. They will undertake creative projects based on the Technology Curriculum developing their project management, problem solving, client consultation, team work and communication skills.

### **Content/Skills:**

**Digital Media** which covers demonstrating and implementing the knowledge and understanding of advanced concepts and procedures of digital media in an online environment.

**Digital Information** which covers demonstrating and implementing the knowledge and understanding of advanced digital information management and systems to design and construct systems for a specific purpose.

**Digital Infrastructure** which covers the selection of components and parameters for a local and wide area network for a specified purpose.

**Note:** The pathway for this course in 2013 will be – DIT31.

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** NCEA Level 3 – 13 Digital Technologies

**Enquiries to:** Mrs Kininmonth

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	4	15
External Achievement Standards	2	2	6

## Digital Technologies (DT)

DIT21 NCEA Level 2

**Entry Requirements:** DIT11

### Digital Media and Programming

This course will be available as from 2013 as a progression from DIT11.

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** NCEA Level 3 – 13 Digital Technologies (Digital Media and Programming), DIT31

**Enquiries to:** Mrs Kininmonth

# Faculty of Technology

## Digital Technologies (DT)

DIT31 NCEA Level 3

**Entry Requirements:** DIT21

This course builds and expands on skills and knowledge gained in DIT21 and is aligned to the Natcoll Creating Futures programme.

Students will be provided with experiences to extend their knowledge and skills through exposure to a variety of software applications. They will undertake creative client focused projects based on the Technology Curriculum developing their project management, problem solving, team work and communication skills.

Students will complete a course designed to provide advanced knowledge and skills in using computer technology to present information, print design, multimedia and animation.

Students who wish to pursue a career in ICT may also opt to enrol in Level 4 online courses with CPIT.

The New Zealand Scholarship examination will be available to extend very high achieving Level 3 students.

### Content/Skills:

Integrating and using data in multiple applications such as InDesign, Illustrator, Photoshop, Flash, After Effects, project management skills, problem solving, teamwork and communication skills, safe and efficient use of a computer, careful and sensible use of information sources, an introduction to programming, understanding how computer systems work (hardware and software).

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** Tertiary study

**Enquiries to:** Mrs Kininmonth

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	12
External Achievement Standards	3	1	4

## Digital Technologies (DT)

DIT31 NCEA Level 3

**Entry Requirements:** DIT21

### Digital Media and Programming

This course will be available as from 2014 as a progression from DIT21.

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** Tertiary study

**Enquiries to:** Mrs Kininmonth

# Faculty of Technology

## Digital Technologies (DT)

DIT12 NCEA Level 1

**Entry Requirements:** DIT01, DIT02 OR  
by consultation with the Head of Department

### Computer Science, Programming and Infrastructure

Digital Technologies enables students to access, manage, integrate, critically evaluate, communicate, and create a variety of information in an innovative and ethical way, and to meaningfully engage with a range of wider community stakeholders to solve problems and produce outcomes. Students will develop the skills, knowledge and ability to adapt themselves to an ever-changing global environment.

This course consolidates and expands on skills and knowledge gained in DIT91/DIT92 and DIT01/DIT02.

### Content/Skills:

**Computer Science and Programming** covers demonstrating an understanding of the distinguishing concepts of algorithms and programming languages from computer science and software engineering; identifying and selecting data types, and program structures for a program to meet specified requirements; perform informal evaluation of user interfaces; being able to read, understand, write, and debug software programs using an appropriate programming language, tools, and software development process.

**Digital Infrastructure** covers demonstrating an understanding of the function of common individual components of digital infrastructures; choosing components for a desktop computer for a specified purpose; and installing and configuring hardware components, software and peripherals for a desktop computer.

Throughout the course, **planning tools** will be used to effectively manage the development of outcomes along with testing, refining and evaluating design ideas through **functional modelling**.

**Note:** The pathway for this course in 2013 will be Computer Science, Programming and Infrastructure – DIT22 and DIT32 in 2014.

**Field Trips:** None  
**Course Costs:** \$10.00

**Next Step:** NCEA Level 2 – 12 Digital Technologies (Computer Science, Programming and Infrastructure), DIT22

**Enquiries to:** Mrs Kininmonth

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4	18
External Achievement Standards	1	1	3

# Faculty of Technology

## Digital Technologies (DT)

DIT22 NCEA Level 2

**Entry Requirements:** DIT12

### Computer Science, Programming and Infrastructure

This course will be available as from 2013 as a progression from DIT12.

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** NCEA Level 3 – 13 Digital Technologies (Computer Science, Programming and Infrastructure), DIT32

**Enquiries to:** Mrs Kininmonth

## Digital Technologies (DT)

DIT32 NCEA Level 3

**Entry Requirements:** DIT22

### Computer Science, Programming and Infrastructure

This course will be available as from 2014 as a progression from DIT22.

The New Zealand Scholarship examination will be available to extend very high achieving Level 3 students.

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** Tertiary study

**Enquiries to:** Mrs Kininmonth

# Faculty of Technology

## Digital Technologies (DT)

## DIT23 NCEA Level 2

**Entry Requirements:** No pre-requisites required

### Digital Information with Media

This course is designed for students who have little or no computing experience. It will enable them to develop fundamental skills and knowledge to use the computer as a means of communication for both personal and vocational use.

Students who complete a course in Year 12 Digital Technologies – Information with Media, will gain credits towards the National Certificate in Computing at Level 2.

### Content/Skills:

Includes online learning, knowledge of a range of software applications, local area networks (LANs), image capture and manipulation, efficient and safe use of a computer, understanding of how computer systems (software and hardware) work, careful and sensible use of information sources, integrating and using data in multiple applications such as MS Word, MS Excel, MS Access, InDesign, Illustrator, design principles, management and protection of data, computer assisted layout and design.

**Note:** The pathway for this course in 2013 will be Information with Media – DIT33.

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** NCEA Level 3 Digital Technologies - DIT33

**Enquiries to:** Mrs Kininmonth

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Unit Standards	2	6-7	19

# Faculty of Technology

## Digital Technologies (DT)

## DIT33 NCEA Level 3

**Entry Requirements:** DIT23 (preferred) OR  
by consultation with the Head of Department

### Digital Information with Media

This course consolidates and expands on skills and knowledge gained in DIT23. Students will have the opportunity to advance their computer application skills to use the computer more efficiently and effectively as a means of communication for both personal and vocational use.

Students who complete a course in Year 13 Digital Technologies – Information with Media will gain credits towards the National Certificate in Computing at Level 3.

### Content/Skills:

Advanced knowledge of a range of software applications, image capture and manipulation, efficient and safe use of a computer, careful and sensible use of information sources, integrating and using data in multiple applications such as MS Word, MS Excel, InDesign, Illustrator, effective design and presentation skills and management and protection of data.

**Field Trips:** None

**Course Costs:** \$10.00

**Next Step:** Tertiary study

**Enquiries to:** Mrs Kininmonth

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Unit Standards	3	4-5	20

# Faculty of Technology

## Automotive 11

NCEA / NQF Level 1

**Entry Requirements:** Discretion of Mr Smith

**Content/Skills:**

Automotive 11 is an introductory course which is designed to recognise the foundation skills and knowledge required for further training in the motor industry. There is a compulsory section of the qualification which covers the knowledge and skills required for: workplace calculations, automotive industry knowledge, safe work practices, literacy and communication.

The Unit Standards offered go towards the **National Certificate in Motor Industry (Foundation Skills)**. For students to achieve this certificate, they are required to complete two years of study (Year 11 and 12). They must take Engineering and Automotive in Year 11 and Transition and Automotive in Year 12. (Obviously, Engineering in Year 12 is also advantageous.)

The Unit Standards cover topics such as:

1. Health and Safety in the Workplace
2. Automotive Industry
3. Safe Motoring and General Locations of Components
4. Disassemble and Reassemble a Single Cylinder Engine
5. Remove and Replace Road Wheels

There may well be other Core Generic Unit Standards, depending on the student's progress.

There is also an opportunity to attend a 4 Day Block Course at Avon City Ford. Some of the Unit Standards attempted on the Block Course will be at Level 2.

Students applying for this course must have a **high level** of interest in learning about the mechanical aspects of the motor vehicle. Students also need to be self-motivated, focused, listen carefully to instructions and be prepared to work over and above their daily school attendance.

**Field Trip:** Avon City Ford (4 Day Block Course)

**Course costs:** Transport: \$12.00

**Next Step:** NCEA/NQF Level 2 Automotive Engineering

**Enquiries to:** Mr Smith/Mr Barr

<b>Automotive Introduction AUT21</b>	<b>NCEA / NQF Level 2</b>
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**Entry requirements:** Discretion of Mr Smith

**Content/Skills:**

Year 12 Introduction to Automotive Engineering. It is important that students taking this course have achieved a minimum of 8 NCEA credits in Level 1 English, 8 credits in Mathematics and a Physics standard in Science to cope with the reading and written tasks required in the Unit Standards. Five Unit Standards will be attempted and assessed:

- 1 Health and Safety in the Workshop
- 2 Motor Vehicle Systems and Components
- 3 Engine Principles
- 4 Clutch and Transmission Systems
- 5 New Zealand Automotive Industry Structure

Students applying for this course should also have a **high level** of interest in learning about the mechanical aspects of motor vehicles. There are a limited number of places available. Every attempt is made to introduce a practical component into the course. Strict selection criteria will be adhered to.

Students doing AUT21 must also take Transition. These Unit Standards complete the National Certificate in Motor Industry [Foundation Skills].

There is also an opportunity for work experience or Gateway placement.

**Field Trips:** Visit to Avon City Ford Workshop in Christchurch

**Course Costs:** Transport: \$10.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Four Unit Standards at Level 2	2	1	12
Unit Standard 21857	1	1	2

**Next Step:** NCEA / NQF Level 2 Automotive Engineering

**Enquiries to:** Mr Smith

# Faculty of Technology

**Automotive Engineering AUT22**

**NCEA / NQF Level 2**

**Entry requirements:**

It is desirable that students applying for this course of study have gained 12 credits in each of English and Mathematics at NCEA Level 1. Although not a prerequisite, an interest in pursuing study in electronics would also be useful. There should also be a **high level** of interest in learning about the mechanical aspects of motor vehicles. There are limited places available. For highly motivated students there is the possibility of Work Experience and Gateway.

**Content/Skills:**

These are the unit standards being offered. Other unit standards are available if any student completes these units before the end of the year, or completed them in the previous year.

- 1 16113 Health and Safety in the Workshop
- 2 233 Automotive Batteries
- 3 21669 Workshop Tools
- 4 21679 Wheels and Tyres – also includes 21722 and 21869 practicals
- 5 231 Engine Principles

**Field Trips:**

1 week Terms 1, 2 and 3 at Avon City Ford Workshop in Christchurch

**Course Costs:**

Transport

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	7	22
	1	1	2

**Next Step:**

Polytechnics and Institutes of Technology/Apprenticeship

**Enquiries to:**

Mr Smith

# Faculty of Technology

## Automotive Task Force    ATF21    NCEA Levels 1 &2 / NQF

**Entry requirements:** Open to students who would like to work in the automotive industry and who may not yet have the literacy and numeracy pre-requisites for an apprenticeship or pre-trade course.

**Content/Skills:** This is an integrated automotive course, which includes standards from English, Mathematics, Engineering, Pre-Employment and Sport and Recreation as well as Automotive Engineering. Work experience one day a week at local automotive businesses is included in this course.

**Field Trips:** Four day course at Avon City Ford  
Two one day visits to training providers

**Course Costs:** \$24 for ACF  
\$12 each day trip

**Assessment:**

<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
2	5	15

**Next Step:** Pre-training at polytechnics or other tertiary providers, apprenticeship or employment.

**Enquiries to:** Mr Smith or Mr Barr

# Faculty of Technology

## Engineering Technology (ITO)EGG11

NCEA/NQF Level 1

**Entry Requirements:**

A keen interest and commitment to produce practical and written work of a high standard.

Successful completion of MITT01/02

**Content/Skills:**

This engineering course has a practical emphasis. This course is designed to lead students into an exciting future of many engineering fields. Credits achieved will contribute towards a level 1 National Certificate in Mechanical Engineering

**Study areas include:**

- Workshop and workplace Health and Safety
- Workshop processes, techniques and tools
- Fastening, assembly and welding processes
- Basic arithmetic and applied geometry
- Metals and plastic materials technology
- Simple design and construction methods

**Field Trips:**

None

**Course Costs:**

\$30.00 for materials

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	1	3	24

**Next Step:**

NCEA/NQF Year 12 Engineering Technology (EGG 21)

**Enquiries to:**

Mr Squirrell

# Faculty of Technology

## Engineering Technology (ITO) EGG21      NCEA / NQF Level 2

**Entry requirements:** Preference given to those who gain 14 credits (or better) in EGG11.

Students who have demonstrated self-management and a willingness to work as a team have an advantage.

**Content/Skills:**

This course is designed to give students an introduction to the Engineering Industry and is linked to the Engineering Industry Training Organisation. Students are preparing for an Engineering Technology future that offers a wide field of opportunities.

Theory and practical application is made up of the following topics:

- 1 Safety
- 2 Hand tools
- 3 Units of measurement
- 4 Measuring devices
- 5 Welding safety

**Field Trips:** Grass kart Challenge if involved.

**Course Costs:** \$35 for materials

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	6	18

**Next Step:** NCEA/NQF Year 13 Engineering Technology (EGG 22)

**Enquiries to:** Mr Squirrell

# Faculty of Technology

## Engineering Technology (ITO) EGG22 NCEA/NQF Level 2

**Entry requirements:** Preference given to those who gain 12 credits (or better) in Engineering Technology (EGG21).

**Content/Skills:**

Builds on knowledge and skills developed in Year 12 Engineering Technology. Students gain knowledge and practical experience, providing an opportunity to go straight into an exciting and enjoyable career from many engineering fields. This tailor-made course provides students with channels for personal interest and opportunities to solve real problems. Theory and practical application is made up of the following topics:

- 1 Marking out tools
- 2 Measuring equipment
- 3 Power tools
- 4 Welding safety
- 5 Engineering drawing

Maintenance, care of equipment, environmental issues and safe working practices are also given special attention.

**Field Trips:** Two days engineering related activity

**Course Costs:** \$25 - \$50 for materials, subject to student's design

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	4	15

**Next Step:** Polytechnics and Institutes of Technology/Apprenticeship and University

**Enquiries to:** Mr Squirrell

# Faculty of Technology

**Food Technology (PT)**

**FDT11**

**NCEA Level 1**

**Entry requirements:** 9 Food Technology and 10 Food Technology preferred

**Content/Skills:**

Do you like to experiment in the kitchen?

Willing to take risks, are creative and have ideas? Are able to work by yourself and meet set deadlines? Well, maybe 'Food Technology' could be the course for you. This course is aimed at students who have a genuine interest in the Technology Process and are considering studying Food Technology at University.

Students will use the design approach to plan, develop, produce and evaluate high quality food products. You will complete three investigations throughout the year including Breads, Burgers or Pasta and Cupcakes or Pies.

**You are required to produce detailed investigative and planning work prior and during the design process.**

**Field Trips:** Students may visit food manufacturers for one day trip – approximate cost \$15.00 to \$20.00.

**Course Costs:** A subject fee of \$30.00 will be charged for non-perishable ingredients supplied by the Department. Students will supply other ingredients needed for practical work.

Workbooks \$10.00

Recipe Book \$3.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4	20
External Achievement Standards	-	-	-

**Next Steps:** NCEA Level 2 Food Technology (FDT21)

**Enquiries to:** Mrs McLorinan

# Faculty of Technology

## Construction & Mechanical Technologies (CMT)

CMT11

NCEA Level 1

### Entry Requirements:

A high level of achievement at Year 10 (CMT01/02).  
This is a restricted entry course.  
Applications need to be made to the HOD.

### Content/Skills:

This course is the first step leading to NCEA Level 3 Technology, Level 4 Scholarship, and University Entrance (UE).

Students study and experience, **what is needed to be a successful design engineer** through the specialist area of Construction and Mechanical Technologies.

Technology topics which promote high thinking and analytical skills are studied in detail;  
Materials - properties, selection and applications, systems, product design, modelling, testing, trialling and evaluation, historical, societal, and environmental issues and their impact on the 'made world'.

The course consists of one context spread across the year, with the main context being indoor/outdoor living.

There is a range of **Achievement Standards** offered, consisting of internally and externally assessed papers which enable course endorsement with merit or excellence.

### Assessment:

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	12
External Achievement Standards	1	2	6

### Field Trips:

None planned, although guest speakers may address the students

### Course Costs:

\$25- \$50 dependant on materials required.

### Next Step:

NCEA Level 2 Technology (CMT21)

### Enquiries to:

Mr Hawke

# Faculty of Technology

## Construction & Mechanical Technologies (CMT)

CMT21

NCEA Level 2

### Entry Requirements:

A minimum of 10 credits from CMT11 with at least one externally assessed standard. This is a restricted entry course. Applications need to be made to the HOD.

### Content/Skills:

This course is the second step leading to NCEA Level 3 Technology, Level 4 Scholarship, and University Entrance (UE).

Students refine skills and knowledge developed in CMT11, to experience **being a design engineer** through the specialist area of Construction and Mechanical Technologies.

At level 2, students are expected to perform as a designer and produce, through problem solving and reflection of performance criteria, a feasible outcome which meets an identified need.

A real stakeholder/client from whanau/family/community is used to guide the students developing understanding throughout the technological process.

The course consists of one or two major assignments throughout the year, with standards used for assessment as appropriate.

### Assessment:

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	12
External Achievement Standards	2	2	6

### Field Trips:

None planned, although guest speakers may address the students

### Course Costs:

\$25- \$50 dependant on materials required.

### Next Step:

NCEA Level 3 Technology (CMT31)

### Enquiries to:

Mr Hawke

# Faculty of Technology

## Construction & Mechanical Technologies (CMT)

CMT31

NCEA Level 3

### Entry Requirements:

A minimum of 10 credits from CMT21 with at least one externally assessed standard. This is a restricted entry course. Applications need to be made to the HOD.

### Content/Skills:

This course is the final stage to enable access to continuing education, Level 4 Scholarship, and University Entrance (UE).

Students refine skills and knowledge developed in CMT11 and CMT21, to experience **being a successful design engineer** through the specialist area of Construction and Mechanical Technologies.

At level 3, students are expected to refine and extend their understandings and performance as a design professional. The student assumes the role of design engineer and project manager for a project identified in whanau/family, community or social situations.

The student will produce a Technological outcome which meets industry standard, functional and aesthetical requirements, and has shown consideration of moral, ethical, cultural, political, economic, historical and sustainability issues. The context of the outcome is the decision of the student and its feasibility will be discussed with the course tutor.

### Assessment:

	<i>Level</i>	<i>No of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	3	12
External Achievement Standards	3	2	8

### Field Trips:

None planned, although guest speakers from industry may address the students.

### Course Costs:

\$25- \$50 dependant on materials required.

### Next Step:

Continuing education, Level 4 scholarship, University Entrance (UE).

### Enquiries to:

Mr Hawke

## Design & Visual Communication (DVC)

DVC11

NCEA Level 1

### Entry Requirements:

Successful completion of Year 10 Graphics (GRA01/02).  
This is a restricted entry course. Applications need to be made to the HOD.

### Content/Skills:

Students study and experience, **what is needed to be a successful design engineer** through the specialist area of Design and Visual Communication.

The course includes contexts; Packaging, House Renovation and Landscaping. Students are required to research current trends, produce concepts and develop a feasible solution. This will be critically evaluated against the specifications. There are no external exams. However, the external standards such as freehand sketching are completed in the internal assignments.

A range of graphic modes and media will be taught along with formal drawing and modelling skills to enable students to achieve success. Traditional hand-drawn graphics practices, CAD/CAM programmes, airbrushing, watercolour pencils are tools used to communicate ideas.

Those students who wish to be extended and prepare for scholarship will be offered the opportunity to start Level 2.

### Assessment and Qualification structure:

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	12
External Achievement Standards	1	2	6

### Field Trips:

None

### Course Costs:

Stationery costs: Approximately \$40.00  
Material costs: \$8.00 (paid to the school)

### Next Step:

NCEA Level 2 Design & Visual Communication (DVC21)

### Enquiries to:

Mr Hawke

# Faculty of Technology

## Design & Visual Communications (DVC)

DVC21

NCEA Level 2

### Entry Requirements:

10 credits in NCEA Level 1 DVC11. This is a restricted entry course. Applications need to be made to the HOD.

### Content/Skills:

Students refine skills and knowledge developed in DVC11, to experience **being a design engineer** through the specialist area of Design and Visual Communication.

This course is for students considering a career in design technology, draughting, architecture, engineering, landscape, interior design, media advertising etc. Students will work to develop a solution to an issue that they have identified. Development of design ideas involves the generation, testing and refining of ideas informed by research that leads to effective communication of the final outcome.

The course covers graphical communication and the techniques of technical drawing in the areas of environmental, architectural, landscape, survey and media design. Reflecting on cultural, historical and societal changes will influence design decisions and the resulting outcomes.

Traditional hand-drawn graphics practices, CAD/CAM programmes, airbrushing, watercolour pencils are tools used to communicate ideas to a high standard.

### Assessment and the Qualification structure:

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	10
External Achievement Standards	2	1	6

### Field Trips:

None planned

### Course Costs:

Stationery costs: Approximately \$40.00

Material costs: \$8.00 (paid to the school)

### Next Step:

NCEA Level 3 Design & Visual Communication (DVC31)

### Enquiries to:

Mr Hawke

# Faculty of Technology

## Design & Visual Communications (DVC)

DVC31

NCEA Level 3

### Entry Requirements:

10 credits in NCEA Level 2 DVC21 including an external standard.  
This is a restricted entry course. Applications need to be made to the HOD.

### Content/Skills:

Students refine skills and knowledge developed in DVC21, to experience **being a successful design engineer** through the specialist area of Design and Visual Communication.

At level 3, students are expected to refine and extend their understandings and performance as a design professional. The student assumes the role of design engineer and project manager for a project identified in whanau/family, community or social situation.

The student will apply a process to produce a quality Technological outcome which meets industry standards, functional and aesthetical requirements, and has shown consideration of moral, ethical, cultural, political, economic, historical and sustainability issues. The context of the outcome is the decision of the student and its feasibility will be discussed with the course tutor.

### Assessment and the Qualification structure:

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	3	10
External Achievement Standards	3	1	6

### Field Trips:

None planned

### Course Costs:

Stationery costs: Approximately \$40.00  
Material costs: \$8.00 (paid to the school)

### Next Step:

Continuing education, Level 4 scholarship, University Entrance (UE).

### Enquiries to:

Mr Hawke

# Faculty of Technology

## Furniture Making (ITO) FUR11 NCEA/NQF Level 1

**Entry Requirements:** A keen interest and commitment to produce written and practical work of a high standard.

Successful completion of MITT01/02

**Content/Skills:**

This furniture course has a practical emphasis backed up with supporting documentation. A number of projects will be made using a range of tools, materials, processes and finishing techniques. Maintenance, care of equipment, environmental issues and safe working practices are given special attention. Credits achieved will contribute towards a level 2 National Certificate in Furniture.

**Field Trips:** None

**Course Costs:** \$35 for materials

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	1	1	3
	2	3	12

**Next Step:** NCEA/NQF Year 12 Furniture Making (FUR 21)

**Enquiries to:** Mr Hawke

## Furniture Making (ITO) FUR22 NCEA / NQF Level 2

**Entry requirements:** Preference given to those who gain 10 credits (or better) in FUR21.

**Content/Skills:**

Builds on knowledge and skills developed in Year 12 Furniture Making. Students gain knowledge and practical experience, providing an opportunity to go straight into an exciting and enjoyable career from many woodworking fields. The course has a mixture of theory and practical application and is made up of the following topics:

- 1 Selecting timber
- 2 Portable power tools
- 3 Hardware
- 4 Adhesives
- 5 Abrasives

Maintenance, care of equipment, environmental issues and safe working practices are also given special attention.

**Field Trips:** One day to trade related industries (ie furniture, joinery and woodturning)

**Course Costs:** \$40.00 - \$50.00 for materials, subject to student's design

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	5	16

**Next Step:** Polytechnics and Institutes of Technology/Apprenticeship

**Enquiries to:** Mr Hawke

# Faculty of Technology

## Furniture Making (ITO) FUR21

NCEA / NQF Level 2

**Entry requirements:** Preference given to those who gain 9 credits (or better) in FUR11.

Students who have demonstrated self-management and a willingness to work as a team have an advantage.

### Content/Skills:

This course is designed to give students an introduction to the Furniture Industry and is linked to the Furniture Industry Training Organisation (FITEC). Students are preparing for trade apprenticeships that offer a wide field of opportunities.

Theory and practical application is made up of the following topics:

- Safety
- 2-D and 3-D drawing
- Hand tools
- Calculations
- Woodturning

**Field Trips:** None

**Course Costs:** \$40.00 for materials

### Assessment:

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	4	13
	3	1	5

**Next Step:** NCEA/NQF Year 13 Furniture Making (FUR 22)

**Enquiries to:** Mr Hawke

# Faculty of Technology

**Food and Nutrition FDN11**

**NCEA Level 1**

**Entry Requirements:** 9Home Economics, 10 Home Economics

**Content/Skills:**

In this course students will develop knowledge, understanding and skills in relation to:

- Preparing food in a safe and hygienic manner, so it is properly cooked and safe to eat
- The nutritional requirements that adolescents' have for growth and well-being
- Selecting and preparing food that reflects health enhancing attitudes and behaviours
- Investigating the influences food choices
- Investigating the information found on food products

The focus is teenagers' eating patterns and meeting their nutritional needs

**Assessment**

- The internally assessed component takes the form of three written assessment tasks, along with a practical exam preparing the planned meals.
- The externally assessed component takes the form of one written examination at the end of the year.

Students will generally participate in a weekly practical class to develop their practical cookery and group management skills. Students will produce a variety of sweet and savoury dishes that follow the New Zealand Food and Nutrition Guidelines for adolescents.

**Field Trips:**

None

**Course Costs:**

A subject fee of \$30.00 is charged for consumables staple non-perishable ingredients are supplied by the department, students will supply other ingredients needed for practical work.  
Workbooks \$15.00  
Recipe Books \$7.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	15
External Achievement Standards	1	1	4

**Next Step:**

NCEA Level 2 / NQF Food and Nutrition (FDN21)  
NCEA Level 2 / NQF Early Childhood Studies (ECS21)  
HIS Level 2/Hospitality (HSP23) (2013 onwards)

**Enquiries:**

Mrs McLorinan

# Faculty of Technology

**Food and Nutrition**

**FDN21**

**NCEA Level 2**

**Entry requirements:**

Level 1 NCEA Home Economics (HEC11) 12 Credits or better, or consultation with the Head of Department.

**Content/Skills:**

Food and Nutrition is aimed at students who are interested in extending their knowledge gained in Year 11 Home Economics. The focus moves from looking at adolescent food choices in Year 11 to examining the nutritional issues faced by various groups of the community and the reasons why these issues have arisen. If you are interested in healthy food choices and preparing balanced meals with a view to continuing study in this area at University, this is the course for you.

**Field Trips:**

Year 10 Camp, Boyle River Lodge: Some students from the class (4-8 students) may be selected to be the Camp Cooks. This would involve one to three days out of class.

**Course Costs:**

A subject fee of \$30.00 will be charged for non-perishable ingredients supplied by the Department. Students will supply other ingredients needed for practical work.

Workbooks \$24.00

Recipe Books \$4.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	12
External Achievement Standards	2	1	4

**Next Step:**

NCEA Level 3 Food and Nutrition (FDN31)

**Enquiries to:**

Mrs McLorinan

# Faculty of Technology

**Food and Nutrition**

**FDN31**

**NCEA Level 3**

**Entry requirements:**

NCEA Level 1 Home Economics (HEC11) and NCEA Level 2 Home Economics (HEC21) 12 Credits or more, with English Level 1 and 2, or English, Mathematics, Chemistry and Biology at Level 2, or consultation with the Head of Department.

**Content/Skills:**

This course is for those interested in diet and disease with a strong emphasis on societal nutrition. Students could then further undertake studying Human Nutrition / Exercise and Sports Nutrition at a tertiary level for career opportunities in the health sector of New Zealand.

Topics covered include maintaining a healthy body weight, and how globalisation and media messages influence food choices. Students will be required to engage in and develop critical and creative thinking through a variety of learning activities.

The achievement standards covered are as follows:

**Field Trips:**

Year 10 Camp, Boyle River Lodge: Approximately 4-8 students may be selected to be the Camp Cooks. This would involve one to three days out of class.

**Course Costs:**

A subject fee of \$30.00 will be charged for non-perishable ingredients supplied by the Department. Students will supply other ingredients needed for practical work.

Workbooks \$24.00

Recipe Books \$4.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	1	6
External Achievement Standards	3	2	9

**Next Step:**

University to study Nutrition or Dietetics

**Enquiries to:**

Mrs McLorinan

**Entry Requirements:** NCEA Level 1 Home Economics (HEC11) 12 credits or better. This course has a limited number of places available. Please apply to the HOD.

**Content/Skills:**

The course provides an introduction for students who are interested in working with and caring for children.

During the year students will:

- Investigate the different roles in a family and how families meet human needs
- Investigate and experience the care of children, focusing on a variety of child care options
- Gain knowledge and understanding of the healthy eating patterns of children and toddlers
- Develop skills in preparing and cooking food for children and toddlers

Students will participate in the Plunket ‘Tots and Toddlers’ course and have the opportunity to gain credits in Early Childhood Education.

The students will participate in practical classes to develop their practical cookery and group management skills. Students will produce a variety of sweet and savoury dishes that follow the New Zealand Food and Nutrition Guidelines for Children

**Field Trips:**

Students will spend one day helping at a North Canterbury Childcare Centre/Pre-school and one day visiting Rangi Ruru Nanny School and NZ College of Early Education. [Trip cost \$15.00 to \$20.00]  
 Year 10 Camp, Boyle River Lodge: Some students from the class (4-8 students) may be selected to be Camp Cooks. This would involve one to three days out of class.

**Course Costs:**

A subject fee of \$30 will be charged for non-perishable ingredients supplied by the department.  
 Students will supply other ingredients needed for practical work.  
 Recipe Books \$8.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	1	4
External Achievement Standards	-	-	-
Unit Standards	2	6	16

**Next Step:**

NCEA Level 3 Early Childhood Studies (ECS31)

**Enquiries:**

Mrs McLorinan

# Faculty of Technology

## Early Childhood Studies ECS31

## NCEA Level 3

**Entry Requirements:** NCEA Level 1 Home Economics (HEC11) 12 credits or better. This course has a limited number of places. Please apply to the HOD.

**Content/Skills:**

The course provides an introduction for students who are interested in working with and caring for children and is a step up from the Level 2 Early Childhood Studies course.

During the year students will:

- Learn about the importance of children's play
- Extend their knowledge and understanding of the healthy eating patterns of children and toddlers
- Further develop skills in preparing and cooking food for children and toddlers
- Understand the importance of safe practices and safe environments for children
- Learn about child development and how children learn.

The students will participate in practical classes to develop their practical cookery and group management skills. Students will produce a variety of sweet and savoury dishes that follow the New Zealand Food and Nutrition Guidelines for Children

**Field Trips:** Students will spend one day helping at a North Canterbury Childcare Centre/Pre-school and one day visiting Rangi Ruru Nanny School and NZ College of Early Childhood Education. [Trip cost \$15.00 to \$20.00] Year 10 Camp, Boyle River Lodge: Some students from the class (4-8 students) may be selected to be Camp Cooks. This would involve one to three days out of class.

**Course Costs:** A subject fee of \$30 will be charged for non-perishable ingredients supplied by the department. Students will supply other ingredients needed for practical work. Recipe Books \$8.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	-	-	-
External Achievement Standards	-	-	-
Unit Standards	2	3	17

**Next Step:** University, Rangi Ruru, NZ College of Early Childhood Education  
**Enquiries:** Mrs McLorinan

# Faculty of Technology

## Food Technology (PT)      FDT21      NCEA Level 2

**Entry requirements:**                      11 Food Technology

**Content/Skills:**

Do you like to experiment in the kitchen?

Willing to take risks, are creative and have ideas? Are able to work by yourself and meet set deadlines? Well, maybe 'Food Technology' could be the course for you. This course is aimed at students who have a genuine interest in the Technology Process and are considering studying Food Technology at University.

Students will use the design approach to plan, develop, produce and evaluate high quality food products. You will complete three investigations throughout the year.

**You are required to produce detailed investigative and planning work prior and during the design process.**

**Field Trips:**                                      Students may visit food manufacturers for one day trip – approximate cost \$15.00 to \$20.00.

**Course Costs:**                                      A subject fee of \$30.00 will be charged for non-perishable ingredients supplied by the Department.      Students will supply other ingredients needed for practical work.  
Workbooks \$10.00  
Recipe Book \$3.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4	20
External Achievement Standards	-	-	-

**Next Steps:**                                      NCEA Level 3 Food Technology (FDT31)  
**Enquiries to:**                                      Mrs McLorinan

## Food Technology (PT)      FDT31      NCEA Level 3

**Entry requirements:**                      12 Food Technology

This course will be available from 2013 onwards

# Faculty of Technology

## Food Studies FDS23

## NCEA Level 2

**Entry requirements:** This is an alternative Home Economics course for students who do not gain the entry requirements for Food and Nutrition NCEA Level 2 but have completed yr. 10 and/or yr. 11 Home Economics. This course has a limited number of places. Please apply to the HOD.

**Content/Skills:**

Food Studies is a course for students who enjoy working with food in terms of practical cookery and learning about food and our food habits. It is a Unit Standards based course. It requires students to be able to do independent research and show a genuine interest in food and nutrition.

Students complete both written and practical assessments.

Four main units of work are completed during the year and students will:

- Develop knowledge and understanding of vegetarian diets, food and nutrients
- Demonstrate skill in the use of multi-function appliances
- Complete a food technology investigation to develop their own individual food product
- Investigate preservation methods

During the year students will participate in practical classes to develop their practical cookery and group management skills. Students will produce a variety of sweet and savoury dishes that follow the New Zealand Food and Nutrition Guidelines. Generally two practical classes are completed weekly.

The course is totally internally assessed, Level 2 credits are gained.

**Field Trips:** Year 10 Camp, Boyle River Lodge: Some students from the class (4-8 students) may be selected to be Camp Cooks. This would involve one to three days out of class.

**Course Costs:** A subject fee of \$40.00 will be charged for consumables, staple non-perishable ingredients supplied by the department. Students will supply other ingredients needed for practical work.

Workbook \$10.00

Recipe Books \$8.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	3	15

**Next Step:** NCEA Level 3 Food Studies (FDS33)  
HSI Level 2 Hospitality (HSP33) (2013 onwards)

**Enquiries to:** Mrs McLorinan

**Entry requirements:** This is an alternative Home Economics course for students who do not gain the entry requirements for Food and Nutrition NCEA Level 3 but have completed Year 10 and/or Year 11 Home Economics. This course has a limited number of places. Please apply to the HOD.

**Content/Skills:**

- Food Studies is a course for students who enjoy working with food in terms of practical cookery and learning about food and our food habits. Students need to have a genuine interest in working with food, learning about food and the hospitality industry.

Students complete both written learning activities and practical work.

Four main units of work are completed during the year and students will:

- Develop their creativity in the preparation, cookery, and presentation of food
- Work together in small groups to manage and produce food for catering situations.
- Study the effects on food choices of being a person with Diabetes / Gluten intolerance.

During the year students will participate in practical classes to develop their practical cookery and group management skills. Students will produce a variety of sweet and savoury dishes that follow the New Zealand Food and Nutrition Guidelines.

The course is totally internally assessed, and Level 3 credits are gained.

**Field Trips:** Year 10 Camp, Boyle River Lodge: Some students from the class (4-8 students) may be selected to be Camp Cooks. This would involve one to three days out of class.

**Course Costs:** A subject fee of \$40.00 will be charged for consumables, staple non-perishable ingredients supplied by the Department. Students will supply other ingredients needed for practical work.

Workbooks \$10.00

Recipe Books \$10.00

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	3	4	20

**Next Step:** Hospitality training and employment

**Enquiries to:** Mrs McLorinan

# Faculty of Technology

## Textiles & Fashion Technologies TFT11 NCEA Level 1 (CMT)

**Entry Requirements:** Year 9 and 10 Textiles Technology

**Content/Skills:**

Students complete both written portfolio and practical work throughout the year. Students are encouraged to become familiar with a wide range of textiles and to develop their practical sewing skills. They will further develop their ability to use patterns in the construction of fashionable high quality garments or textile items and the students will gain pleasure from producing creative, individually styled work. Students are able to select and make their own choice of clothing, provided they have associated written work that has evidence of the research and development process and show how they have selected the most suitable garment for a specific situation. A well-documented portfolio that has evidence of thorough planning, investigation and research work is required to meet the internal assessment requirements.

Studies at this level lead on to further training, in Year 12 and 13 courses, or tertiary courses in Fashion Design or Interior Design.

Once completing this course student will:

- Use the design approach to gather information and plan to produce textile items
- Develop drawing and presentation skills
- Select textiles and describe applications
- Use machinery and equipment appropriately
- Produce quality textile items using proper construction methods

**Field Trips:** Bi-annually the students of senior textiles are invited to participate in a trip to Wellington to see the World of Wearable Arts show. (The next trip is 2012)

**Course Costs:** Material costs of projects. Students are to supply their own material, patterns, and notions for the three major projects. Parents / caregivers can anticipate the total cost of materials to be up to \$150.00 for the year. Workbooks \$10.00

**Subject Fees:** \$10 is charged for consumable materials that are supplied [i.e. thread, fabric samples, over locking thread, interfacing, textiles ink, needles, cord, buttons, elastic, patterns.]

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	4	18-22

**Next Step:** NCEA Level 2 Textiles and Fashion Technologies

**Enquiries to:** Ms Knight or Mrs McLorinan

**Textiles & Fashion Technologies (CMT)      TFT21      NCEA Level 2**

**Entry Requirements:** Students will need to have attained 12 Credits at Level 1 Textiles Technology Achievement Standards or after consultation with the Head of Department.

**Content/Skills:**  
 Students entering this course will further develop their design and planning skills – through using the design/planning brief approach. They will plan and produce high quality textile items. Students will operate sewing equipment, follow pattern instructions and complete garments or textile items using appropriate sewing techniques. Related studies in textile selection/care and advanced deconstruction techniques will be taught and assessed

Once completing this course student will:

- Discover through independent research, issues relating to clothing systems and use the design process to gather information and plan to produce textile items
- Research information and present possible solutions for a brief
- Present design ideas using freehand drawing, colour pencils, pens, pastels and fabric samples
- Explore and test ideas to solve design problems
- Evaluate solutions and suggest suitable modifications
- Construct textile items using suitable methods to give quality items

**Field Trips:** Bi-annually the students of senior textiles are invited to participate in a trip to Wellington to see the World of Wearable Arts show. (The next trip is 2012)

**Course Costs:** Material costs of projects. Students are to supply their own material, patterns and notions for the three major projects. Parents / caregivers can anticipate the total cost of materials to be up to \$150.00 for the year.

**Subject Fees:** Approximately \$10.00 is charged for consumable materials that are supplied [i.e. thread, fabric samples, overlocking thread, interfacing, textiles ink, needles, cord, buttons, elastic, patterns.]

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Unit Standards	2	3	13
Internal Achievement Standards	2	1	6

**Next Step:** NCEA Level 3 Textiles and Fashion Technologies (TFT31)  
**Enquiries to:** Ms Knight or Mrs McLorinan

# Faculty of Technology

## Textiles & Fashion Technologies TFT31 (CMT)

NCEA Level 3

**Entry Requirements:** Ideally students to have completed NCEA Level 2 Textiles Technology after consultation with the Head of Department.

**Content/Skills:**

Students may select the assessment program that is suited to them depending on their interest or pre-university requirements. There is a strong focus on working to produce garments of a very high quality. Students are required to submit portfolio evidence of the planning, research, trial and design work. The students will produce textile items using intricate sewing techniques and working with more challenging fabrics. They will anticipate making mock ups as a way of trialing and evaluating selected construction methods and achieving excellent fit. They are able to opt into, and complete an academic program of work that requires diligent research, planning documentation and justification of the design and subsequent work completed.

During this course students will:

- Develop knowledge of contemporary fashion designers and the fashion industry
- Discover through independent research, issues relating to clothing systems and gather information to solve problems relating to textile items
- Explore suitable materials and conduct tests to ascertain suitable fabrics and construction methods
- Evaluate solutions and suggest suitable modifications
- Construct textile items using suitable methods to give quality items

Possible areas that the students will choose the construction projects from are:

- Carrier or kit
- Garment using special fabric
- Fashion illustration
- Client based Research Assignment

**Field Trips:** Local Textile Art Exhibitions

**Course Costs:** Students are to supply their own material, patterns and notions for the three major projects. Parents / caregivers can anticipate the total cost of materials to be up to \$150.00 for the year.

**Subject Fees:** \$10.00 is charged for consumable materials that are supplied (i.e. thread, fabric samples, over locker thread, interfacing, textiles ink, needles, cord, buttons, elastic, patterns.)

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	3	3	18
OR Students may elect to complete two-three Internal Achievement Standards (University Approved Subject)	3	2-3	14

**Next Step:** Tertiary

**Enquiries to:** Ms Knight or Mrs McLorinan

# Faculty of The Arts

## Art Practical ART11

## NCEA Level 1

**Entry requirements:** Year 10 Art, strongly recommended or after approval by the Head of Department.

**Content/Skills:**

This course introduces students to a broad base of knowledge concerning Art Practice. Particular emphasis is put on drawing to record information and generate ideas. Pupils will then be able to extend their own ideas into more resolved works. Language, symbols and texts will be investigated through written Research assignments. Workbook and homework assignments are expected to be completed. There will be an External Assessment of 1.4 comprising a two panel folio.

**Field Trips:**

Museum and Art Gallery visit – 1-2 days

**Course Cost:**

\$12.00 - \$15.00 approximately for trips

\$20.00 Course costs

Students are expected to have their own paints for work beyond the classroom

Students will be expected to have sufficient credit [approximately \$5.00 to \$10.00] on their personal account to cover individual printing and photocopying requirements

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	14
External Achievement Standards	1	1	12

**Next Step:**

NCEA Level 2 Practical Art (ART21)

NCEA Level 2 Photography (PHO21)

NCEA Level 2 Art History (ARH21)

NCEA Level 2 Design (DES21)

**Enquiries to:**

Mr McMillan, Mrs Graham

# Faculty of The Arts

## Art Practical ART21

## NCEA Level 2

**Entry requirements:** Have achieved at NCEA Level 1 to Merit Standard or higher is recommended, or at the discretion of the Head of Department.

**Content/Skills:**

This course offers greater specialisation and in-depth development for students in Painting.

Students are expected to develop an understanding of existing methods and ideas used by artists. Throughout the year students are also expected to develop more independence and managing self in initiating, developing and resolving their work. Students will look at a range of disciplines, including Sculpture, Mixed Media and Painting.

**Field Trips:** Possible trips to galleries when appropriate (two days out of class)

**Course Cost:** \$35.00 for materials

Students will be expected to have sufficient credit [approximately \$25.00 to \$30.00] on their personal account to cover individual printing and copying requirements

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	12
External Achievement Standards	2	1	12

**Next Step:** NCEA Level 3 Sculpture (SCU31)

NCEA Level 3 Painting (PAI31)

**Enquiries to:** Mr McMillan

**Entry requirements:** 12 credits NCEA Level 1 in English and/or History recommended.  
This course will only run if there are sufficient student numbers.

**Content/Skills:**

This course introduces students the concepts “What is art?”, through investigation of historical and contemporary art works. The course will include assignments and gallery visits, with the aim of developing the students’ ability to analyse and value art in society.

Included is an investigation into artists and the art world, with an emphasis on historical and social developments. Particular attention will be given to the role of the artist, culture and art, and how art operates in society. Students will be expected to participate in field trips.

**Field Trips:** Two days out of class – Gallery visits

**Course Cost:** \$15.00

Students will be expected to have sufficient credit [approximately \$25.00 to \$30.00] on their personal account to cover individual printing and copying requirements

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	8
External Achievement Standards	2	2	8

**Next Step:** NCEA Level 3 Art History (ARH31)

**Enquiries to:** Mr McMillan

# Faculty of The Arts

## Art History ARH31

NCEA Level 3

**Entry requirements:** NCEA Level 2 English, Classics, History or recommended after Consultation with Head of Department.  
This course will only run if there are sufficient student numbers.

**Content/Skills:**

This course investigates art movements, media, processes, and contexts of Art. Both Historical and Modern Art Movements are investigated, Early Maori Art, Renaissance 14<sup>th</sup> Century and 15<sup>th</sup> Century through to Expressionism and the Modern movement.

**Field Trips:**

Where appropriate – Approximately two days

**Course Cost:**

\$10.00. Students may want to purchase extra books for study purposes  
Students will be expected to have credit of \$25.00 to \$30.00 on their personal account to cover printing and copying requirements

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	9
External Achievement Standards	3	2	7

**Next Step:**

Tertiary course

**Enquiries to:**

Mr McMillan

## Drama DRA11

NCEA Level 1

**Entry requirements:** Year 9 and 10 Drama is recommended but not compulsory.

**Content/Skills:**

This course builds on the skills of Year 9 and 10 Drama and provides an in depth look at a range of drama elements, conventions and techniques. This course is both internally and externally assessed and combines topics such as voice, movement, devising, improvising, melodrama, characterisation and production roles. Students will build their own plays through to performance, perform excerpts from plays and participate in a class production. Students must keep a record of their progress in their portfolio, which assists in their preparation for the external written standard.

**Field Trips:**

One night/day in Term 2, Term 3 or Term 4

**Course Costs:**

Approximately \$50.00 for theatre trips

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	14
External Achievement Standards	1	1	4

**Next Step:**

NCEA Level 2 Drama (DRA21)

**Enquiries to:**

Mr Anderson [Acting HOD]

## Drama DRA21

## NCEA Level 2

**Entry requirements:** 9 Credits or more in NCEA Level 1 Drama (DRA11). Entry for others will be at the discretion of the Head of Department and/or Level 2 teacher.

**Content/Skills:**

This course extends on the skills gained in Level 1 Drama. Students build on the skills in the use of conventions, elements and drama techniques. This course is both internally and externally assessed and covers topics such as improvisation, script work, devising, characterisation, devising, improvising, technical/production roles, theatre period roles.

Students will also perform a class production to an invited audience. Students must keep a record of their progress in their portfolio, which assists in their preparation for the external written standards.

**Field Trips:** One night in Term 2, Term 3 or Term 4

**Course Costs:** Approximately \$50.00 for theatre trip

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	14
External Achievement Standards	2	1	4

**Next Step:** NCEA Level 3 Drama (DRA31)

**Enquiries to:** Mr Anderson [Acting HOD]

## Drama DRA31

## NCEA Level 3

**Entry requirements:** 9 Credits or more in NCEA Level 2 Drama (DRA21). Entry for others will be at the discretion of the Head of Department.

**Content/Skills:**

This course builds on the skills gained in Level 2. It develops students' abilities to use drama elements, conventions and techniques in a range of contexts. The course is both internally and externally assessed and covers topics such as improvisation, monologues/duologues, devising, performing, characterisation, technical/production roles and theatre period roles.

Students will build their own plays to performance level, perform excerpts and participate in a class production. Students must keep a written record of each standard in their portfolios. This work will provide the necessary preparation for the external written standard. Students need to attend at least two plays throughout the year; answering questions in their examination from both plays.

**Field Trips:** One night in Term 2, Term 3 or Term 4

**Course Costs:** Approximately \$50.00 field trips

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	3	13
External Achievement Standards	3	1	4

**Next Step:** Tertiary studies

**Enquiries to:** Mr Anderson [Acting HOD]

# Faculty of The Arts

## Design DES21

NCEA Level 2

**Entry requirements:** NCEA Level 1 Art (ART11) recommended or at the discretion of HOD.

**Content/Skills:**

This course offers specialisation and in-depth development for students in Design. Students are expected to develop an understanding of existing methods and concepts to resolve design issues using both digital and tradition drawing as a medium. Throughout the year, students are also expected to develop more independence in initiating, developing and resolving real-world design tasks.

**Field Trips:** Up to two days out of class for gallery/exhibition visits and/or software courses.

**Course Costs:** \$10.00  
May be up to \$50.00 for digital printing, paper and basic materials.  
Students may need to pay extra depending on individual requirements.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	12
External Achievement Standards	2	1	12

**Next Step:** NCEA Level 3 Design (DES31)

**Enquiries to:** Mr McMillan or Ms Aldhamland

## Design DES31

NCEA Level 3

**Entry requirements:** NCEA Level 2 Art and/or NCEA Level 2 Design recommended – or at the discretion of HOD.

**Content/Skills:**

This course offers specialisation and in-depth development for students in Design. Students are expected to further develop their understanding of existing methods, concepts and analysis to resolve design issues using both digital and tradition drawing as a medium. Throughout the year, students are also expected to develop a more independent, systematic way of initiating, developing and resolving real world design tasks.

**Field Trips:** Up to two days out of class for gallery/exhibition visits and/or software courses.

**Course Costs:** \$20.00 [includes external boards and freight]  
May be up to \$50.00 for digital printing, paper and basic materials.  
Students may need to pay extra depending on individual requirements.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	12
External Achievement Standards	3	1	14

**Next Step:** Tertiary Study

**Enquiries to:** Mr McMillan or Ms Aldhamland

## Kapahaka – Ngā uri matatoa KAP11 Years 10, 11, 12 & 13

**Entry requirements:** Membership of the school kapahaka group and involvement in performance as required

### Content/Skills

This course is designed for students who wish to obtain National credits and extend their knowledge and view in the realm of Māori Performing Arts. Students will be taught a variety of Traditional and Contemporary Māori performing arts including: waiata, mōteatea, poi, haka, whakaraka, mau rākau and mau patu [weaponry].

At the end of the course students will be able to demonstrate their knowledge and skills, and participate in the performing components of the course.

Students who obtain credits are able to carry on to tertiary level studies at either Polytech or University.

**N.B.** Students studying Te reo Māori use this as a supplement to their studies.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Unit Standards	1	5	19
	2	7	40
	3	4	30
<b>TOTAL CREDITS:</b>			89

**Field trips:** Performances at a variety of venues in the community

**Course Costs:** Appropriate to meet koha

**Next Step:** Tertiary studies

**Enquiries:** Matua Kaharoa Manihera

# Faculty of The Arts

## Music – Sound Arts MUS11

## NCEA Level 1

**Entry Requirements:** Year 10 Music (either the half year or full year course), Grade 3 Theory and instrumental/vocal, or equivalent.

**Content/Skills:**

This exciting course builds on skills developed at Year 9 and 10 levels. Study in the classroom uses as a starting point the student's growing expertise in performance, both solo and group. This course also builds confidence in composition, with students writing for both instrument and voice, using the formal language of music. Students are encouraged to further develop confidence in using the specialised language of music through listening to a wide variety of musical styles. As a requirement of this course, all students must receive instrumental/vocal tuition, either privately or through the school itinerant programme.

**Field Trips:** One

**Course Costs:** Up to \$20.00 for concerts  
\$6.00 for the course booklet  
\$25.00 for itinerant tuition/\$75.00 for instrument hire for the year.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	1	3	16
External Achievement Standards	1	2	8

Note: Students may also enter AS 91095 (worth 6 credits) only by negotiation with the HOD, Mrs Rowe

**Next Step:** NCEA Level 2 Music – Sound Arts (MUS21)

**Enquiries to:** Mrs Rowe

**Entry Requirements:** NCEA Level 1 Music or Grade 4 theory and instrument/vocal equivalent.

**Content/Skills:**

From 2012 the level 2 course offers a flexibility of choice which allows students to focus on their own strengths. Two parallel courses are offered, with students being able to opt for extra credits in addition to the core programme being offered. In the Making Music strand, students perform in both a solo and group situation, compose, and prepare for the external examination in aural and listening skills. In the Music Studies strand, students are expected to be able to use precise terminology and literacy skills to study a wide variety of music set works in depth.

**Field Trips:** One

**Course Costs:** Up to \$20.00 for concerts  
 Approximately \$6.00 for the course booklet  
 \$25.00 for itinerant tuition/\$75.00 for instrument hire for the year.

**Making Music**

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	16
External Achievement Standards	2	1	4

**Music Studies**

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	2	10
External Achievement Standards	2	2	8

Note: Students may enter for the 2.2 Making Music Achievement Standard (performance on a second instrument) worth three credits only after consultation with Mrs Rowe.

**Next Step:** NCEA Level 3 Music – Sound Arts (MUS31)

**Enquiries to:** Mrs Rowe

# Faculty of The Arts

## Music – Sound Arts MUS31

## NCEA Level 3

**Entry Requirements:** Achievement or better in Level 2 external examination or at least Grade 5 theory and instrumental/vocal or equivalent.

**Content/Skills:**

NCEA Level 3 Music allows students to follow their own passions. They can construct their own course from the two parallel courses of Making Music and Music Studies. For those intending to further their music to tertiary level and beyond, it is possible to undertake all 48 credits at this level.

Level 3 Music requires a high degree of self-motivation from the student. Deadlines are necessarily flexible, and students are able to impose their own deadlines to maximise their potential for success. Much of the course work is inter-related with formal written assignments echoing the repertoire and interests of each individual.

**Field Trips:**

One

**Course Costs:**

Up to \$20.00 for concerts

\$25.00 for itinerant tuition/\$75.00 for instrument hire for the year.

**Making Music**

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	3	20
External Achievement Standards	3	2	4

**Music Studies**

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	13
External Achievement Standards	3	2	11

**Next Step:**

University, Polytechnic or tertiary provider

**Enquiries to:**

Mrs Rowe

## Painting PAI31

## NCEA Level 3

**Entry requirements:** NCEA Level 2 Practical Art (ART21) or in consultation with the Head of Department.

**Content/Skills:**

A practical course of study initially based on gathering information and generating ideas. The course will cover a range of drawing and painting processes, research techniques and the investigation of past and present artists. The course will progress to an individual programme of study generated from a body of work. Emphasis will be on the development, clarification and resolution of pictorial ideas through drawing and painting. Scholarship entry available.

Students can study a maximum of two Level 3 Art subjects in the one year.

**Field Trips:** Approximately two days where appropriate

**Course Cost:** \$30.00 for consumables

Students can also expect to pay approximately \$60.00 for specialist materials, field trips and individual photocopying and printing requirements.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	12
External Achievement Standards	3	1	14

**Next Step:** Tertiary Course

**Enquiries to:** Mr McMillan

## Photography PHO21

## NCEA Level 2

**Entry requirements:** NCEA Level 1 Art (ART11) recommended or at the discretion of HOD.

**Content/Skills:**

An introduction to photography. This is a practical and theoretical course aimed at developing a student's understanding of what constitutes photographic processes. Students will be expected to present a number of essays during the year dealing with technical, historical, and analytical aspects of photography. They will have the opportunity to express their personal ideas in a major project towards the end of the year. Digital and analogue process are able to be used.

**Field Trips:** Up to two days for gallery / exhibition visits.

**Course Cost:** Students will need their own camera.

\$20.00 for consumables.

Students can also expect to pay up to \$100.00 for photocopying, depending on individual printing needs.

<b>Assessment:</b>	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	2	3	12
External Achievement Standards	2	1	12

**Next Step:** NCEA Level 3 Photography (PHO31)

**Enquiries to:** Mr McMillan or Mrs Robertson

# Faculty of The Arts

## Photography PHO31

NCEA Level 3

**Entry requirements:** NCEA Level 2 Photography (PHO21) and/or NCEA Level 2 Art (ART21) is recommended or in consultation with the Head of Department

**Content/Skills:**

A course of study based on gathering information, systematically analysing and generating photographic ideas. Students will develop a body of work suitable for a folio, which is externally assessed. The subject is chosen by the student in collaboration with the teacher. The emphasis is on the development, clarification, analysis and resolution of pictorial ideas through appropriate technical processes. This includes the use of digital and analogue processes. Scholarship entry available.

**Field Trips:** Students can expect approximately two days out of school for gallery / exhibition visits.

**Course Cost:** \$30.00.  
Students at this level must have their own multi-function digital camera. Extra costs could be up to \$150.00 for specialist materials, field trips, individual photocopying and printing needs.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	1	6
External Achievement Standards	3	1	14

**Next Step:** Tertiary Course

**Enquiries to:** Mrs Robertson

**Entry requirements:** Consultation with Head of Department.

**Content/Skills:**

This programme is assignment based at the start of the year to establish an understanding of basic sculptural concepts. Students will then have the opportunity to work in an area which interests them, identify a current contemporary artist model, then using drawing and making, produce work (with photographic documentation) for NCEA submission. External assessment is at the end of the year by folio submission. Scholarship entry is available. N.B: Depending on the needs of the student, all internal assessments may be an option following consultation with the teacher.

Students can study a maximum of two Level 3 Art subjects in the one year.

**Field Trips:**

Up to three days for gallery / exhibition visits.

**Course Costs:**

\$30.00.

Students can expect to pay extra depending on personal requirements, however, they are encouraged where possible to use recycled materials. Pupils can also expect to pay up to \$80.00 for individual photocopying and printing needs.

**Assessment:**

	<i>Level</i>	<i>Number of Standards</i>	<i>Credits</i>
Internal Achievement Standards	3	2	12
External Achievement Standards	3	1	14

**Next Step:**

Tertiary Course

**Enquiries to:**

Mrs Robertson