

MARLBOROUGH  
BOYS' COLLEGE



MARLBOROUGH NEW ZEALAND



## Senior Curriculum

2018



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**This booklet is available in colour on the  
College website**

# Principal's Introduction

Dear Students/Caregivers

Our curriculum goal is to meet the academic needs of students while supporting students to develop/extend passions in areas of co and extra curricula activity whether it be in leadership, service, the arts or sports.

The 2018 Curriculum booklet outlines the subjects available to students at our College. It provides the structure of the courses available and outlines qualifications students can achieve. Some courses exist to prepare students for university study. Others exist to prepare students for trades and to join the workforce immediately on leaving school. The reading of the Curriculum Booklet is one step in the process of choosing your course of study for 2018. Begin by asking yourself some important questions:

- What do I enjoy?
- What will I want to do in the future?
- How can I turn what I enjoy into a pathway for my future?
- What do I have to do to enter this pathway?
- Are there any blocks I cannot overcome in the future?
- What will I be doing in ten years' time?

Aim high – do not sell yourself short. It is important that:

1. The information contained in this booklet is used to discuss what is best for you as the decisions you make today will impact on your future.
2. You discuss the options open to you with your parents, older siblings or older friends. Gather as much advice as you can to help you make an informed decision that is right for you.
3. You be your own person. Make choices for yourself, rather than what friends are doing.

Accept and enjoy the challenges that will be offered in and out of the classroom in 2018.

**W Hegarty**  
Principal

## Help and Advice

As you choose the subjects you are going to take during your remaining years at College, it is important to realise that **HELP** and **ADVICE** are available. Do not hesitate to ask for advice from the following people - their guidance is based on a wealth of experience and it makes sense to take advantage of it.

**SUBJECT TEACHERS**, who know your capabilities in the subject, and your chances of future success.

**HEADS OF FACULTY**, as they have information which the subject teachers may not have readily available.

**FORM TEACHERS**, who can advise you on the correct balance in your choice of subjects.

**TRANSITION/CAREERS TEACHERS**, who will be able to advise you on the vocational aspects of your choice.

Check the Careers information in the Careers/Transition Room and the database in the College Library, or make an appointment at the Careers Office.

**YOUR PARENTS**, who know you as a person better than anyone. **Parents can obtain further information from: MBC. Careers staff - Mrs Fletcher can be contacted at the College, Phone 578 0119.**

**Also Careers Point, Phone: 0800 222 733 to speak to a Careers Service Adviser Careers Website:**

[www.kiwicareers.govt.nz](http://www.kiwicareers.govt.nz)



Stained Glass Window, Installed by Graham H Brooks, designed by Jacqueline A Butler.  
Ko te awa o Wairau, ko te ara ki mua  
The Wairau River - the path ahead.

## Course Materials

Included in this curriculum booklet are charges for write-on books and materials which are designed to support students' learning. A number of these are voluntary charges. The alternative is that the boys make a copy of the work required and write on their own paper.

Where your son makes use of optional materials, such as write-on books, these will need to be paid for. We are trying to keep the costs to you as low as we can. It is, however, a fact of life that some of the technological tools that are required come as a cost to you. Included in this category are such things as a scientific calculator.

I recognize that some families will face difficulties in being able to afford all of the materials that will support their sons' learning. **As a school we support families by giving them opportunities to make regular payments to the school to cover costs.** Please call in at the school office to make arrangements for this.

W Hegarty  
Principal

## Pastoral Curriculum

All students are supported to be the best they can be through pastoral support at MBC, this happens through daily contact with a form teacher and a consistent dean linked to each student's house. Pastoral instruction is also delivered fortnightly through Principal's Assembly and our Skills for Life programme at all year levels. Topics covered are age relevant including aspects such as wellbeing, time management, target setting, budgeting and staying safe online. Additional Pastoral supports and instruction are provided to students individually or as a group 'as and when' specific needs are identified.

## Stationery Requirements

This schedule indicates basic 'getting started' requirements. Some additional items may be required. These will be signalled to students at the start of their programme. All students must be equipped with basic equipment – biros (blue & red), pencil, eraser, ruler, compass, glue stick etc.

Faculty	1B5 Ex. Book	1J5 Ex. Book	A4 Refill	Scientific Calculator Casio Fx-82AU PLUS II	Graphic Calculator Casio Fx-9750 GII	Clearfile Presentation Folder (40p)
Language & Languages	1					1
Mathematics – Level 1 & 2		2	1	1	Optional	
Calculus and Statistics – Level 2 & 3		2	1		1	
Science	1					
Social Science	1					1
Phys. Ed. & Health			1			1
Arts			1			1
Technology	1					
For general use			1			

### NOTES:

1. Senior students are required to have in place and maintain their own means of recording homework and managing their time.
2. Some subjects recommend a 'write-on' work book. These are available at College and charges can be made against student accounts. Refer to Course Equipment / Costs for details.
3. Additional expendable items (eg Exercise Books and refills) will be required as the year progresses.
4. A flash drive (minimum of 8GB) is recommended for senior MED subjects and Visual Arts subjects (DES/PTG/PHT)
5. Art kits are available for Years 11 – 13 from the College Finance Office.
6. Our e-learning plan for 2018 encourages all students to bring a laptop device to school to aide learning. Having access to a device is compulsory for all year levels in 2018.

# Senior Qualifications and Course Information

## National Certificate in Educational Achievement

The NCEA is a general certificate based on credit total rather than on specific Unit Standards or Achievement Standards. However, it does have Literacy and Numeracy requirements at Level 1.

### NCEA (Level 1)

80 Credits (from Unit Standards or Achievement Standards) at Level 1, or higher.

#### Literacy and Numeracy requirements

### Literacy

Minimum of 10 credits through either:

- **Achievement standards** - Specified achievement standards available through a range of subjects (minimum total of 10 credits), or
- **Unit standards** - package of three literacy unit standards (total of 10 credits - **all** three required).

### Numeracy

Minimum of 10 credits through either:

- **Achievement standards** - Specified achievement standards available through a range of subjects - (minimum total of 10 credits), or
- **Unit standards** - package of three numeracy unit standards (total of 10 credits - **all** three required).

Literacy and Numeracy requirements can be achieved over more than one year.

### NCEA (Level 2)

Level 1 Literacy and Numeracy (as above) and a minimum of 80 Credits, of which 60 must be at Level 2 or higher (ie 60 at Level 2 and 20 at Level 1 will do).

### NCEA (Level 3)

Level 1 Literacy and Numeracy (as above) and a minimum of 80 Credits, of which 60 must be at Level 3 or higher (ie 60 at Level 3 and 20 at Level 2 will do).

Effectively, you can upgrade the NCEA from one Level to the next with 60 Credits at the higher Level. You do not need to have completed the NCEA at a lower Level to achieve it at a higher Level, but you must meet Literacy and Numeracy requirements

## NCEA ENDORSEMENT

Endorsement can be achieved at **Certificate** level or at individual **Course** level.

### Certificate Endorsement

NCEA will be endorsed with **Excellence** if you achieve at least 50 Excellence credits at or above the level of the Certificate. It will be endorsed with **Merit** if you achieve at least 50 credits at Merit at or above the level of the Certificate. Excellence credits can contribute to a Merit endorsement. Certificate Endorsement can be accumulated over more than one year.

### Course Endorsement

To achieve Course Endorsement with Excellence (or Merit) you must achieve at least 14 credits with Excellence (or Merit/Excellence). These 14 credits must include a minimum of 3 internally assessed credits and 3 externally assessed credits. There is a variation to this requirement for Physical Education and for Visual Art subjects - see the Head of Faculty or Course Coordinator for further information.

Course Endorsement is gained at the level of the lowest-level standard making up the eligible credits.

The course must be completed within one school year. Course Endorsement does not include Scholarship.

**Level 100-300 courses that are eligible for Course Endorsement are indicated by "Subject Endorsement applicable in this course" in their NZQA Assessment notes.**

The College also provides study opportunities leading towards a number of Industry National Certificates. Details on Page 6.

## Other National Certificates

Marlborough Boys' College also offers the opportunity to begin studying towards a number of other National Certificates from the National Qualifications Framework. Most National Certificates have a core of compulsory Standards in the subject area of the certificate and require additional Credits from elsewhere on the Qualifications Framework, which can be achieved from other courses being taken. Because they can be cross-credited, all Credits earned in these certificates can also be counted towards the NCEA at the appropriate level. Therefore, the NCEA can be achieved without it necessarily being your main focus.

By focusing on one of these National Certificates, you can follow a course of study that is appropriate for your needs, skills, interests or possible career field. This may be the best approach for many students. For example, if a particular National Certificate has a completed credit value of 60 Credits then these Credits will automatically count towards an NCEA. It is then just a matter of achieving the extra Credits from other subjects to also complete your NCEA qualification at the same time.

Some national certificates may require field related work experience or further study to complete after leaving school.

### **NATIONAL CERTIFICATE IN AGRICULTURE (GENERAL SKILLS) (Level 2)**

Required courses: AGH200, AGH300

### **NATIONAL CERTIFICATE IN AQUACULTURE (Level 2)**

Required courses: AQU200, SMS300.

Relevant employment is required to complete this certificate.

### **NATIONAL CERTIFICATE IN COMPUTING (Levels 2 and 3)**

Required courses: DTY200, DTY300

### **NATIONAL CERTIFICATE IN ELECTRONICS TECHNOLOGY (Level 2)**

Relevant courses: ELE200 and other Level 2 or 3 courses from Sciences, Mathematics, Computing

### **NATIONAL CERTIFICATE(S) IN FORESTRY**

Relevant courses: FOR200, FOR300, (SCI101, COM100-200-300)

Relevant employment is required to complete this certificate.

### **NATIONAL CERTIFICATE IN GENERAL ENGINEERING (Level 2)**

Required courses: GEN201, GEN202, GEN300.

### **NATIONAL FOUNDATION CERTIFICATE IN HOSPITALITY**

Required courses: HOS100, HOS200, HOS300

### **NATIONAL CERTIFICATE IN SCIENCE (Level 2)**

Required courses: Sciences, Mathematics beyond Level 1.

### **NATIONAL CERTIFICATE IN TOURISM AND TRAVEL (Level 2)**

Required courses: CDV200

### **NATIONAL CERTIFICATE IN SPORT (Level 2)**

Required courses: SPS200, SPS300

More detailed information can be found on the NZQA website:

[www.nzqa.govt.nz](http://www.nzqa.govt.nz)



## Vocational Pathways



When considering courses, you might wonder what sorts of careers (vocations) or further training they could lead to.

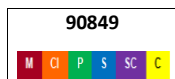
Or, if you are considering a career, you might wonder what courses you should consider taking while you are at school.

Vocational Pathways are being developed to help students understand how Achievement and Unit Standards gained at school are relevant to career or further training opportunities when they leave school.

NZQA had classified Unit and Achievement Standards as being related to one or more of six Vocational Pathways. They are ***Manufacturing and Technology, Construction and Infrastructure, Primary Industries, Service Industries, Social and Community Services, Creative Industries.***

The standards listed in the tables of assessments for senior courses are colour coded according to the Vocational Pathway(s) they relate to.

For example



Shows that Achievement Standard 90849 provides credit towards the **Manufacturing and Technology, Construction and Infrastructure, Primary, Service, Social & Community Services, and Creative Industries Pathways.**

If you achieve NCEA Level 2 with 60 Level 2 (or higher) credits from the Recommended Assessment Standards for a particular Vocational Pathways sector e.g Primary Industries, which include 20 Level 2 credits from Sector-Related Standards **for the same sector** e.g Primary Industries, then you can will qualify for the **Vocational Pathway Award**.

Further information is available at <http://youthguarantee.net.nz/vocational-pathways>

## Study at University

You will need University Entrance to study at a New Zealand university.

**University Entrance**, as awarded by NZQA, requires **NCEA Level 3 including:**

- 14 credits in each of three Approved Subjects – see the list of Approved Subjects.
- 10 Level 2 Literacy credits comprising 5 Reading and 5 Writing credits. Standards that contribute to UE Literacy are shown in the tables of senior course assessments.
- 10 Level 1 Numeracy credits

Note: This describes the general University Entrance awarded by NZQA.

Some universities may have more stringent requirements and many university courses throughout NZ have specific subject related requirements for entry. If you have a particular university qualification in mind, make sure you are aware of these requirements well ahead of your Year 13 year.

In general, you need to perform well above the requirements of UE in Year 13 to be successful at university.



## Approved University Entrance Subjects

These are the Approved UE Subjects taught at Marlborough Boys' College.

Accounting	ACC300	English	ENG302/303	Te Reo Rangatira or	
Agriculture & Horticulture	AGH300	Geography	GEO300	Te Reo Maori	MAO300
Biology	BIO300	History	HIS300	Technology (Digital)	DTY300
Calculus	CAL300	Media Studies	MED300	Technology (Materials)	TEC300
Chemistry	CHE300	Music	MUS300	Visual Arts:	
Classical Studies	CLS300	Physical Education	PED300	Design	DES300
Design & Graphics	DGR300	Physics	PHY300	Painting	PTG300
Economics	ECO300	Statistics	STA300	Photography	PHT300

## Scholarship

Scholarship is available for each of the UE Approved Subjects.  
See the Head of Faculty concerned for details.

## Course Content and Assessment

The content and assessment of senior courses are subject to ongoing review. Details of course content and assessment in this booklet were accurate at the time of printing. Some minor changes may occur as a result of Faculty and NZQA reviews prior to the start of the following year.

Standards listed for each subject represent a “core” of assessments that would apply to a typical student in the course. Some courses offer additional optional standards depending on any special areas of interest or speciality you might have.

The assessment for some courses such as Technology, Design & Visual Communication, and the Visual Arts, involves a major portfolio of work that is produced throughout the year and assessed at the end of the year.

## Viability of Classes

The College offers these courses in good faith at the time of printing this booklet.

The College is constrained by the amount of staffing provided by the Ministry of Education.

Numbers of classes in each subject and whether small classes are able to be timetabled will depend on numbers of students choosing the various subjects, and may be influenced by changes in staffing.

## Interchange with Marlborough Girls' College

In some instances, it may be necessary to have students attend classes at MGC due to timetabling and option constraints within our existing system. Students who are impacted upon in this way may be given the option to attend a class at MGC that meets their academic and career focused needs. Students' record of **successful** learning and self-management will be a prerequisite for consideration of a students' entry into the Interchange programme. The Deans and Management Teams will consider each application to participate in the programme. In most cases this option will only be available to students in Years 12 and 13.

## Senior Course Requirements

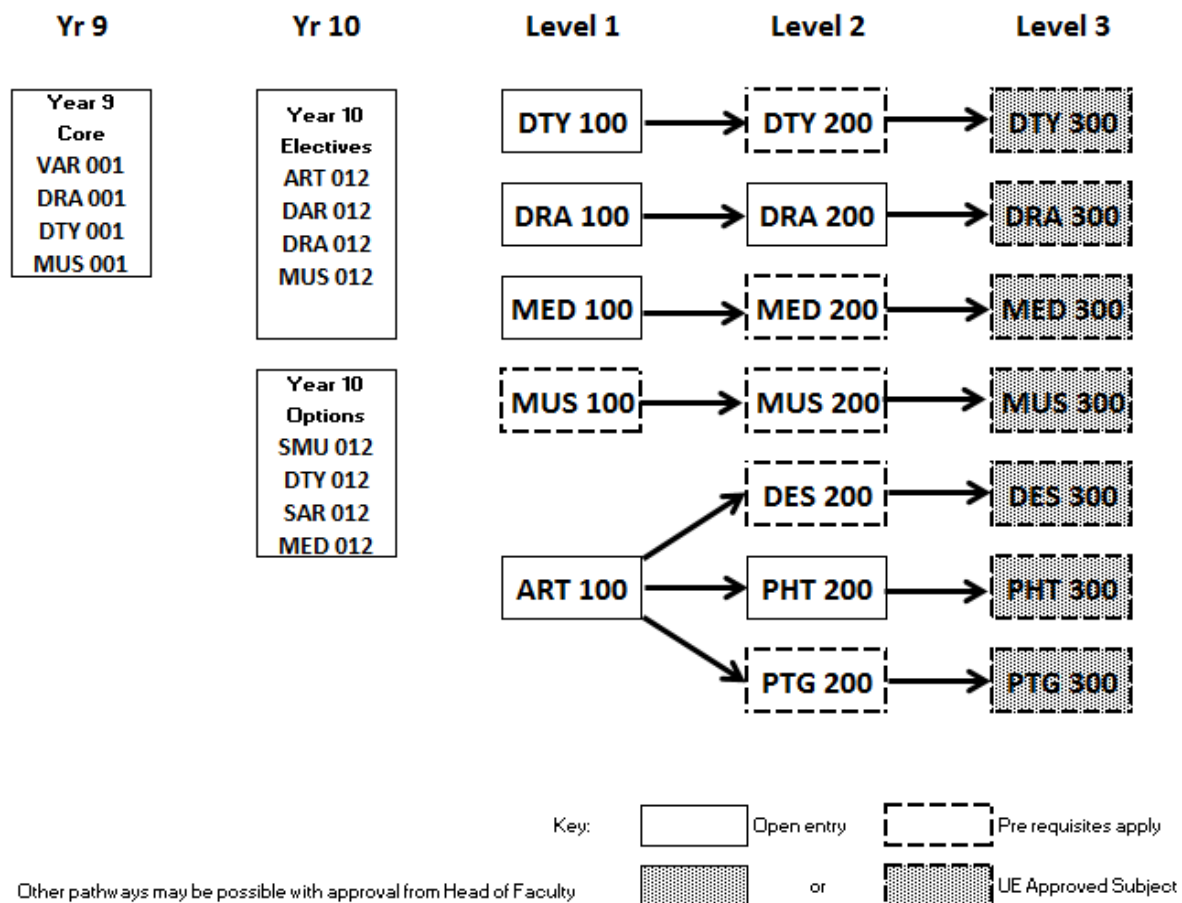
Most **Year 11** students will study English, Mathematics, Science, and **three** other subjects.

**Year 12** students will study **six** subjects. Students who have not gained Level 1 Literacy **must** choose an English course. Remaining students will need to include English unless on an Individual Education Plan that ensures the potential to meet UE Literacy requirements.

**Year 13** students will study **at least five** subjects. Students requiring UE Literacy must choose an English course.

# ARTS FACULTY

Head of Faculty: Mrs Searle



## Level 1 Art (ART100)

### Description

This is a course designed for students interested in developing Art skills including freehand drawing.

### Content

- Drawing (various media and techniques)
- Painting (acrylic)
- Photography and Design basics
- Research skills
- Creative and divergent thinking skills
- 2 panel Folio - planning and production

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90913 <b>S</b> <b>C</b>	Demonstrate understanding of art works from a Maori and another cultural context using art terminology	1	4	I	Y
90914 <b>C</b>	Use drawing methods and skills for recording information using wet and dry media	1	4	I	
90915 <b>C</b>	Use drawing conventions to develop work in more than one field of practice	1	6	I	
90916 <b>C</b>	Produce a body of work informed by established practice, which develops ideas, using a range of media	1	12	E	
90917 <b>C</b>	Produce a finished work that demonstrates skills appropriate to cultural conventions	1	4	I	
TOTAL		30			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Satisfactory completion of Year 10 Art

### Equipment / Costs

Materials cost \$25 plus purchase of Art Kit

### Further Information

Mrs Cave-Higgins

## Level 2 Design (DES200)

### Description

This is a course designed for students interested in developing Design skills including freehand drawing.

### Content

- Digital Drawing
- Free hand drawing skills
- Photoshop applications
- Graphic Design processes
- Research and Design principles
- 2 panel Folio - planning and production

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91305 <b>S</b> <b>C</b>	Demonstrate an understanding of methods and ideas from established practice appropriate to design	2	4	I	Y	
91310 <b>C</b>	Use drawing methods to apply knowledge of conventions appropriate to design	2	4	I		
91315 <b>C</b>	Develop ideas in a related series of drawings appropriate to established design practice	2	4	I		
91320 <b>C</b>	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	2	12	E		
TOTAL		24				
Subject Endorsement available in this course		Yes				

### Entry Requirements

10 credits in Year 11 ART or DTY or DVC or by approval of the Head of Arts Faculty

### Equipment / Costs

Materials cost \$40 plus purchase of specified Design Kit

### Further Information

Mrs Cave-Higgins

## Level 3 Design (DES300)

### Description

This is a course designed for students interested in refining Design skills including freehand drawing.

### Content

- Advanced Digital Drawing
- Advanced Photoshop applications
- Refinement of Graphic Design processes
- Exploration of Contemporary Design applications
- Opportunity for Scholarship
- 3 panel Folio - planning and production or as a Digital Moving Image submission

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91440	Analyse methods and ideas from established design practice	3	4	I	Y	
91445	Use drawing to demonstrate understanding of conventions appropriate to design	3	4	I		
91450	Systematically clarify ideas using drawing informed by established design practice	3	4	I		
91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice	3	14	E		
TOTAL			26			
Subject Endorsement available in this course			Yes			
Approved University Entrance Subject			Yes			

### Entry Requirements

12 credits in Year 12 Design or by approval of Head of Arts Faculty

### Equipment / Costs

Materials cost \$50 plus purchase of specified Design Kit

### Further Information

Mrs Cave-Higgins

## Level 2 Photography (PHT200)

### Description

This is a course designed for students interested in developing their ideas using a camera.

### Content

- Development of Digital Photography skills
- Introduction to analogue and darkroom processing
- Use of mixed media and new techniques
- Development of research and thinking skills
- Own ideas explored and expanded
- 2 panel Folio - planning and production or as a Digital Moving Image submission

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91307 S C	Demonstrate an understanding of methods and ideas from established practice appropriate to photography	2	4	I	Y	
91312 C	Use drawing methods to apply knowledge of conventions appropriate to photography	2	4	I		
91317 C	Develop ideas in a related series of drawings appropriate to established photography practice	2	4	I		
91322 C	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	2	12	E		
TOTAL			24			
Subject Endorsement available in this course			Yes			

### Entry Requirements

Open entry but 10 credits in Year 11 ART are preferred

### Equipment / Costs

Materials cost \$70 includes printing materials for the folio

Some cameras are available for loan, if required

### Further Information

Mrs Cave-Higgins

## Level 3 Photography (PHT300)

### Description

This is a course designed for students interested in extending their ideas using a camera

### Content

- Extension of Photography skills (Digital and Analogue)
- Application of mixed media and other techniques
- Opportunity to develop skills in areas of own interest
- Expansion of cognitive and conceptual processes
- Opportunity for Scholarship
- 3 panel Folio - planning and production or as a Digital Moving Image submission

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91442	Analyse methods and ideas from established photography practice	3	4	I	Y	
91447	Use drawing to demonstrate understanding of conventions appropriate to photography	3	4	I		
91452	Systematically clarify ideas using drawing informed by established photography practice	3	4	I		
91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	3	14	E		
TOTAL		26				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

### Entry Requirements

Open entry, but 12 credits in a Year 12 Art course or DTY or Media are preferred

### Equipment / Costs

Materials cost \$90 includes printing materials for the folio  
Some cameras are available for loan, if required

### Further Information

Mrs Cave-Higgins

## Level 2 Painting (PTG200)

### Description

This is a course designed for students interested in developing their Painting and general Art skills.

### Content

- Extension of Painting skills (Acrylic and Oil)
- Observational and Freehand drawing skills extended
- Use of mixed media and new techniques
- Development of research and thinking skills
- Own ideas explored and expanded
- 2 panel Folio - planning and production

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91306	Demonstrate an understanding of methods and ideas from established practice appropriate to painting	2	4	I	Y	
91311	Use drawing methods to apply knowledge of conventions appropriate to painting	2	4	I		
91316	Develop ideas in a related series of drawings appropriate to established painting practice	2	4	I		
91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	2	12	E		
TOTAL		24				
Subject Endorsement available in this course		Yes				

### Entry Requirements

10 credits in Year 11 ART or by approval of the Head of Arts Faculty

### Equipment / Costs

Materials cost \$35 plus purchase of specified Painting Kit

### Further Information

Mrs Cave-Higgins

### Level 3 Painting (PTG300)

**Description**

This is a course designed for students interested in extending their Painting skills.

**Content**

- Advanced Painting skills (Acrylic and Oil)
- Observational and Freehand drawing skills refined
- Application of mixed media and other techniques
- Expansion of cognitive and conceptual processes
- Opportunity for Scholarship
- 3 panel Folio - planning and production

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91441	Analyse methods and ideas from established painting practice	3	4	I	Y	
91446	Use drawing to demonstrate understanding of conventions appropriate to painting	3	4	I		
91451	Systematically clarify ideas using drawing informed by established painting practice	3	4	I		
91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	3	14	E		
TOTAL			26			
Subject Endorsement available in this course			Yes			
Approved University Entrance Subject			Yes			

**Entry Requirements**

12 credits in Year 12 PAINTING or by approval of the Head of Arts Faculty

**Equipment / Costs**

Materials cost \$35 plus purchase of specified Painting Kit

**Further Information**

Mrs Cave-Higgins

### Level 1 Drama (DRA100)

**Description**

This is a general course for students interested in a career in the various entertainment fields.

**Content**

- Drama techniques
- Devise and perform a drama
- Use features of a drama/theatre form in a performance
- Perform an acting role in a scripted production

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90009	Perform an acting role in a scripted production	1	5	I	Y
90011	Demonstrate understanding of the use of drama aspects within live performance	1	4	E	Y
90997	Devise and perform a drama	1	5	I	Y
90999	Use features of a drama/theatre form in a performance	1	4	I	Y
TOTAL			18		
Subject Endorsement available in this course			Yes		

**Entry Requirements**

Open entry

**Equipment / Costs**

Field trips and visiting groups \$30

**Further Information**

Mrs Hudson

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Level 2 Drama (DRA200)

**Description**  
This course builds on Level 1 Drama and helps prepares students for Year 13 and tertiary study.

- Content**
- Complex drama technique skills
  - Creative and Critical thinking skills
  - Understanding theatre form through performance
  - Theatre Etiquette/team building/scripted production

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91214 C	Devise and perform a drama to realise an intention	2	5	I	Y	
91216 C	Use complex performance skills associated with a drama or theatre form or period	2	4	I	Y	R
91218 C	Perform a substantial acting role in a scripted production	2	5	I	Y	R
91219 C	Discuss drama elements, techniques, conventions and technologies within live performance	2	4	E	Y	W
TOTAL		18				
Subject Endorsement available in this course		Yes				

**Entry Requirements**  
Preferably 8 or more credits in DRA 100

**Equipment / Costs**  
Attendance at live theatre \$20

**Further Information**  
Mrs Hudson

Level 3 Drama (DRA300)

**Description**  
This course builds on Level 1 and 2 courses, prepares students for tertiary study and leads to careers in media, film and more.

- Content**
- Complex drama technique skills
  - Creative and Critical thinking skills
  - Understanding theatre form through performance
  - Theatre Etiquette/team building/scripted production

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91513	Devise and perform a drama to realise a concept	3	5	I	Y	
91515	Select and use complex performance skills associated with a drama form or period	3	4	I	Y	W
91517	Perform a substantial acting role in a significant production	3	5	I	Y	
91518	Demonstrate understanding of live drama performance	3	4	E	Y	
TOTAL		18				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

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**Entry Requirements**  
8 or more credits in L2 drama

**Equipment / Costs**  
Attendance at live theatre \$20

**Further Information**  
Mrs Hudson



Level 1 Digital Technology (DTY100)

Description

This is a general course designed for those planning to progress in business computing, computer science or information management.

Content

- Integrate spread sheeting and word processing
- Analyse web sites
- Desktop publishing
- Integrate pictures, music and text
- Python planning and programming
- Computer Science

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91071	Implement basic procedures to produce a specified digital information outcome	1	4	I	-
91072	Demonstrate understanding of basic concepts of digital media	1	3	I	Y
91073	Implement basic procedures to produce a specified digital media outcome	1	4	I	-
91074	Demonstrate understanding of basic concepts from computer science	1	3	E	Y
91075	Construct a plan for a basic computer program for a specified task	1	3	I	-
91076	Construct a basic computer program for a specified task	1	3	I	-
5957 Optional	Produce schematic diagrams using a computer application	2	2	I	-
TOTAL (excl. Optional)			20		
Subject Endorsement available in this course			Yes		

Entry Requirements

Open entry

Equipment / Costs

Write-on booklet  
Online programming tutorial \$25

Further Information

Mrs Searle

Level 2 Digital Technology (DTY200)

Description

This is a general course designed for those planning to progress in business computing or tertiary study.

Content

- Database
- Desktop publishing
- Plan a computer program
- Programming with Python
- Computer Science

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
107	-Apply-text processing skills to produce communication in a business or organisational context	2	5	I	-	-
91368	Implement advanced procedures to produce a specified digital information outcome with dynamically linked data	2	6	I		
91370	Implement advanced procedures to produce a specified digital media outcome	2	4	I		
91371	Demonstrate understanding of advanced concepts from computer science	2	4	E	Y	
91372	Construct a plan for an advanced computer program for a specified task	2	3	I		
91373	Construct an advanced computer program for a specified task	2	3	I		
91369107 Optional	-Demonstrate understanding of advanced concepts of digital media Apply text processing skills to produce communication in a business or organisational context	2	4	I	Y	
TOTAL (excl. Optional)			25/20			
Subject Endorsement available in this course			Yes			

Entry Requirements

8 credits in DTY100 or MED100 by end Term 2 or by approval from Head of Faculty

Equipment / Costs

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Write-on booklet  
Online programming tutorial \$25

Further Information  
Mrs Searle

Level 3 Digital Technology (DTY300)

Description  
This is a general course designed for those planning to progress in business computing or tertiary study.

- Content
- Relational Databases
  - Planning a program
  - Desktop publishing
  - Programming with Python
  - Computer Science

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91611	-Develop a prototype considering g-fitness for purpose in the broadest sense	3	6	I	Y	-
91633	Implement complex procedures to develop a relational database embedded in a specified digital outcome	3	6	I	Y	
91635	Implement complex procedures to produce a specified digital media outcome	3	4	I	Y	
91636	Demonstrate understanding of areas of computer science	3	4	E	Y	R W
91637	-Develop a complex computer program for a specified task	3	6	I	Y	-
112 Optional	Produce business or organisational information using word processing functions	3	5	I		
91637 Optional	-Develop a complex computer program for a specified task	3	6	I	Y	-
TOTAL (excl. Optional)			20			
Subject Endorsement available in this course			Yes			
Approved University Entrance Subject			Yes			

Entry Requirements  
8 credits in DTY200 or MED200 by end Term 2 or by approval from Head of Faculty

Equipment / Costs  
Write-on booklet  
Online programming tutorial \$25

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Further Information  
Mrs Searle

Level 1 Media Studies (MED100)

**Description**  
This is a general course for students interested in film production, film study and analysis of the media.

- Content**
- How people use the media in our society
  - Film construction
  - Planning and making a film
  - Genre study

**Assessment**

Standard	Title	Level	Credits	Int/Ext	Lit
90989	Demonstrate understanding of how individuals interact with the media	1	3	I	Y
90990	Demonstrate understanding of selected elements of media text(s)	1	3	I	Y
90992	Demonstrate understanding of characteristics of a media genre	1	4	E	Y
90993	Produce a design and plan for a media product using a specified range of conventions	1	3	I	
90994	Complete a media product from a design and plan using a specified range of conventions	1	6	I	
90996	Write media texts for a specific target audience	1	3	I	Y
TOTAL			22		
Subject Endorsement available in this course			Yes		

**Entry Requirements**  
Open entry

**Equipment / Costs**  
Write-on materials and hire of technical equipment  
\$45

**Further Information**  
Mrs Searle

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Level 2 Media Studies (MED200)

**Description**  
This is a general course for students interested in film production, film study and analysis of the media.

- Content**
- Representation and stereotypes in media
  - Film construction
  - Media storytelling using cameras
  - Film genre

**Assessment**

Standard	Title	Level	Credits	Int / Ext	Lit
91249	Demonstrate understanding of narrative in media texts	2	4	I	Y
91251	Demonstrate understanding of an aspect of a media genre	2	4	E	Y
91252	Produce a design and plan for a developed media product using a range of conventions	2	4	I	Y
91253	Complete a developed media product from a design and plan using a range of conventions	2	6	I	Y
91250 Optional	Demonstrate understanding of representation in the media	2	3	I	Y
TOTAL (excl. Optional)		18			
Subject Endorsement available in this course		Yes			

**Entry Requirements**  
8 credits in DTY100 or MED100 by end Term 2 or by approval of Head of Faculty

**Equipment / Costs**  
Write-on materials and hire of technical equipment \$45

**Further Information**  
Mrs Searle

Level 3 Media Studies (MED300)

**Description**  
This course is designed for students who want to further their skills in film-making and film analysis.

- Content**
- Planning and creating a film
  - Film analysis
  - Media representation
  - Media and society
  - Genre analysis

**Assessment**

Standard	Title	Level	Credits	Int / Ext	Lit	UE Lit
91491	Demonstrate understanding of the meaning of a media text through different readings	3	3	I	X	-
91492	Demonstrate understanding of the media representation of an aspect of New Zealand culture or society	3	3	I	Y	
91493	Demonstrate understanding of a relationship between a media genre and society	3	4	E	Y	RW
91494	Produce a design for a media product that meets the requirements of a brief	3	4	I	Y	
91495	Produce a media product to meet the requirements of a brief	3	6	I	Y	
91496	Demonstrate understanding of a significant development in the media	3	3	I	Y	
91255 Optional	Write developed media text for a specific target audience	2	3	I	X	W
TOTAL (excl. Optional)		2320				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

**Entry Requirements**  
8 credits in DTY200 or MED200 by end Term 2 or by approval by Head of Faculty

Equipment / Costs

Write-on materials and hire of technical equipment  
\$45

Further Information

Mrs Searle

Level 1 Music (MUS100)

Description

This is a general course for students interested in a career in the various music industries or entertainment fields.

Content

- Solo performance
- Group performances
- Composition
- Notation dictations
- Reading and analysing orchestral music

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91090 C	Perform two pieces of music as a featured soloist	1	6	I	
91091 C	Demonstrate ensemble skills through performing a piece of music as a member of a group	1	4	I	
91092 C	Compose two original pieces of music	1	6	I	
91093 C	Demonstrate aural and theoretical skills through transcription	1	4	E	
91094 C	Demonstrate knowledge of conventions used in music scores	1	4	E	Y
TOTAL		24			
Subject Endorsement available in this course		Yes			

Entry Requirements

Students must have completed the equivalent of two years instrumental tuition with a qualified music tutor

Equipment / Costs

Instrument Maintenance \$25

Further Information

Ms Song

## Level 2 Music (MUS200)

### Description

This is a general course for students interested in a career in the various music industries or entertainment fields.

### Content

- Solo performances
- Group performances
- Compositions
- Notation dictations
- Transpositions and modulations

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91270 C	Perform two substantial pieces of music as a featured soloist	2	6	I		
91271 C	Compose two substantial pieces of music	2	6	I		
91272 C	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	2	4	I		
91275 C	Demonstrate aural understanding through written representation	2	4	E		
91276 C	Demonstrate knowledge of conventions in a range of music scores	2	4	E	Y	
91274 Optional C	Perform a substantial piece of music as a featured soloist on a second instrument	2	3	I		
TOTAL (excl. Optional)		24				
Subject Endorsement available in this course		Yes				

### Entry Requirements

6 credits in MUS100 by end of Term 2

### Equipment / Costs

Instrument Maintenance \$25

### Further Information

Ms Song

## Level 3 Music (MUS300)

### Description

This is a general course for students interested in a career in the various music industries or entertainment fields.

### Content

- Solo performances
- Group performances
- Compositions
- Notation dictations
- Harmony Analysis

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91416	Perform two programmes of music as a featured soloist	3	8	I		
91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	3	4	I		
91419	Communicate musical intention by composing three original pieces of music	3	8	I		
91420	Integrate aural skills into written representation	3	4	E		
91421	Demonstrate understanding of harmonic and tonal conventions in a range of music scores	3	4	E		
91417 Optional	Perform a programme of music as a featured soloist on a second instrument	3	4	I		
TOTAL (excl. Optional)		28				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

### Entry Requirements

6 credits in MUS200 by end of Term 2

### Equipment / Costs

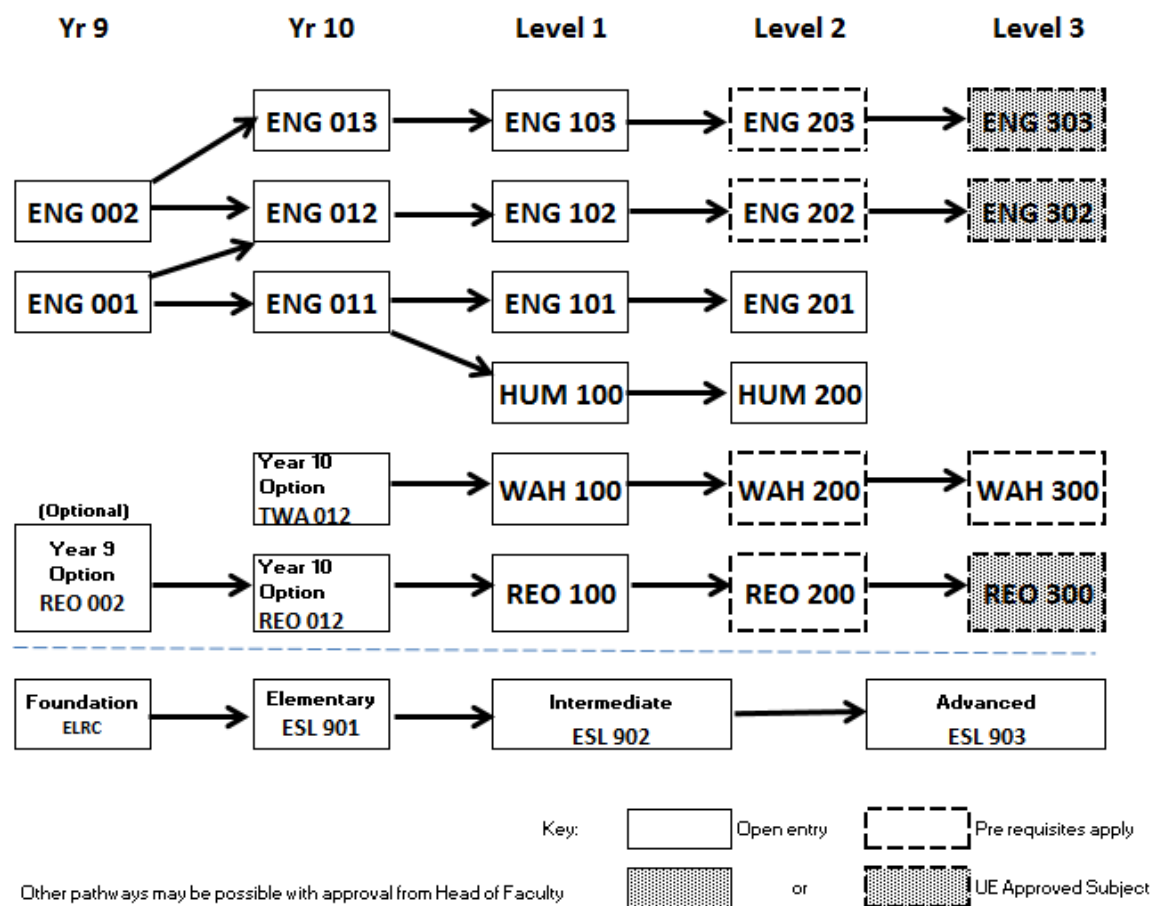
Instrument Maintenance \$25

### Further Information

Ms Song

## LANGUAGES FACULTY

Head of Faculty: Mrs Cooney





## Level 1 English (ENG101)

### Description

This course provides students with the basic opportunity to meet NCEA Level 1 literacy requirements via Unit Standards.

### Content

- Writing for basic communication
- Reading for meaning
- Personal reading
- Spoken communication

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
101 <div><div>P</div><div>SC</div></div>	Develop and use keyboarding skills to enter text	1	3	I	
102 <div><div>P</div><div>SC</div></div>	Consolidate keyboarding skills and produce accurate text based documents	1	3	I	
3483 <div><div>P</div><div>SC</div><div>C</div></div>	Fill in a form	1	2	I	
10790 <div><div>M</div><div>SC</div><div>C</div></div>	Converse with others	1	2	I	
10792 <div><div>P</div><div>C</div></div>	Write formal personal correspondence	1	3	I	
90854 <div><div>M</div><div>CI</div><div>P</div><div>S</div><div>SC</div><div>C</div></div>	Form personal responses to independently read texts, supported by evidence	1	4	I	Y
90857 <div><div>M</div><div>CI</div><div>P</div><div>S</div><div>SC</div><div>C</div></div>	Construct and deliver an oral text	1	3	I	Y
TOTAL		20			
Subject Endorsement available in this course		No			

### Entry Requirements

Open entry

### Equipment / Costs

Nil

### Further Information

Ms McLeod

## Level 1 English (ENG102)

### Description

This course provides students with the opportunity to meet NCEA Level 1 literacy requirements via Achievement Standards.

### Content

- Writing to create meaning
- Reading for meaning
- Personal reading
- Spoken communication
- External text exams

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90053 <div><div>M</div><div>CI</div><div>P</div><div>S</div><div>SC</div><div>C</div></div>	Produce formal writing	1	3	I	Y
90849 <div><div>M</div><div>CI</div><div>P</div><div>S</div><div>SC</div><div>C</div></div>	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	1	4	E	Y
90850 <div><div>M</div><div>CI</div><div>P</div><div>S</div><div>SC</div><div>C</div></div>	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	1	4	E	Y
90854 <div><div>M</div><div>CI</div><div>P</div><div>S</div><div>SC</div><div>C</div></div>	Form personal responses to independently read texts, supported by evidence	1	4	I	Y
90856 <div><div>M</div><div>CI</div><div>P</div><div>S</div><div>SC</div><div>C</div></div>	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	1	3	I	Y
90857 <div><div>M</div><div>CI</div><div>P</div><div>S</div><div>SC</div><div>C</div></div>	Construct and deliver an oral text	1	3	I	Y
TOTAL		21			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Teacher recommendation based on Year 10 English results

### Equipment / Costs

Nil

### Further Information

Ms McLeod

## Level 1 English (ENG103)

### Description

This course provides students aspiring to NCEA subject or certificate endorsements with the opportunity to undertake NCEA Level 1 Achievement Standards.

### Content

- Writing to create meaning
- Reading for meaning
- Personal reading
- Spoken communication
- External literature exams

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90052	Produce creative writing	1	3	I	Y
M C I P S SC C					
90053	Produce formal writing	1	3	I	Y
M C I P S SC C					
90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	1	4	E	Y
M C I P S SC C					
90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	1	4	E	Y
M C I P S SC C					
90854	Form personal responses to independently read texts, supported by evidence	1	4	I	Y
M C I P S SC C					
90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	1	3	I	Y
M C I P S SC C					
90857	Construct and deliver an oral text	1	3	I	Y
M C I P S SC C					
TOTAL		24			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Teacher recommendation based on Year 10 English results

### Equipment / Costs

Nil

### Further Information

Ms McLeod

## Level 2 English (ENG201)

### Description

This course provides students with a contextualized, project-based course for the purpose of achieving NCEA Level 2.

### Content

- Personal reading
- Spoken communication
- Writing to create meaning
- Written communication

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
1294	Be interviewed in a formal interview	2	2	I		
P S C						
3488	Write business correspondence for a workplace	2	3	I		
S C C						
3492	Write a short report	2	3	I		
P S C						
9677	Participate in a team or group which has an objective	2	3	I		
M P S S C						
10791	Participate in an informal meeting	2	3	I		
S C C						
91101 Optional	Produce a selection of crafted and controlled writing	2	6	I	Y	W
M C I P S S C						
91102 Optional	Construct and deliver a crafted and controlled oral text	2	3	I	Y	
M P S C						
91106 Optional	Form developed personal responses to independently read texts, supported by evidence	2	4	I	Y	R
M C I P S S C						
TOTAL (excl. Optional)		14				
Subject Endorsement available in this course		No				

### Entry Requirements

Teacher Recommendation based on NCEA Level 1 English results

### Equipment / Costs

Nil

### Further Information

Mrs Cooney

Level 2 English (ENG202)

**Description**  
This course provides students with the opportunity to meet Level 2 University Entrance literacy requirements via Achievement Standards.

- Content**
- Writing to create meaning
  - Reading for meaning
  - Personal reading
  - Spoken communication
  - External literature exams

**Assessment**

Standard	Title	Level	Credits	Int / Ext	Lit	UE Lit
91098	Analyse specified aspect(s) of studied written text(s), supported by evidence	2	4	E	Y	RW
91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	2	4	E	Y	W
91101	Produce a selection of crafted and controlled writing	2	6	I	Y	W
91102	Construct and deliver a crafted and controlled oral text	2	3	I	Y	
91106	Form developed personal responses to independently read texts, supported by evidence	2	4	I	Y	R
91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	2	3	I	Y	
TOTAL		24				
Subject Endorsement available in this course		Yes				

**Entry Requirements**  
10 Level 1 English credits including AS 90849 or AS 90850

**Equipment / Costs**  
Nil

**Further Information**  
Mrs Cooney

Level 2 English (ENG203)

**Description**  
This course provides students aspiring to NCEA subject or certificate endorsements with the opportunity to undertake NCEA Level 2 University Entrance requirements via Achievement Standards.

- Content**
- Writing to create meaning
  - Reading for meaning
  - Personal reading
  - Spoken communication
  - External literature exam

**Assessment**

Standard	Title	Level	Credits	Int / Ext	Lit	UE Lit
91098	Analyse specified aspect(s) of studied written text(s), supported by evidence	2	4	E	Y	RW
91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	2	4	E	Y	RW
91101	Produce a selection of crafted and controlled writing	2	6	I	Y	W
91102	Construct and deliver a crafted and controlled oral text	2	3	I	Y	
91106	Form developed personal responses to independently read texts, supported by evidence	2	4	I	Y	R
91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	2	3	I	Y	
TOTAL		24				
Subject Endorsement available in this course		Yes				

**Entry Requirements**  
14 Level 1 English credits including AS 90849 or AS 90850  
Preference will be given to students who have gained Merit or Excellence subject endorsements

**Equipment / Costs**  
Nil

**Further Information**  
Mrs Cooney

## Level 3 English (ENG302)

### Description

This course provides students with the opportunity to meet NCEA Level 3 List A subject requirements via 14 English Achievement Standard credits.

### Content

- Writing to create meaning
- Reading for meaning
- Spoken communication
- External literature exams

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91472	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	3	4	E	Y	R W
91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	3	4	E	Y	W
91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	3	6	I	Y	W
91476	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3	3	I	Y	
91480	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	3	3	I	Y	
TOTAL		20				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

### Entry Requirements

At least 10 Level 2 English credits including AS 91098 or AS 91099

### Equipment / Costs

Nil

### Further Information

Mr van der Velden

## Level 3 English (ENG303)

### Description

This course provides students aspiring to NCEA subject or certificate endorsements with the opportunity to undertake List A, NCEA Level 3 English Achievement Standards.

### Content

- Writing to create meaning
- Reading for meaning
- Shakespeare study
- Spoken communication
- External literature exams

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91472	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	3	4	E	Y	R W
91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	3	4	E	Y	W
91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	3	6	I	Y	W
91476	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3	3	I	Y	
91478	Respond critically to significant connections across texts, supported by evidence	3	4	I	Y	
TOTAL		21				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

### Entry Requirements

14 Level 2 English credits including AS 91098 or AS 91099.

### Equipment / Costs

Nil

### Further Information

Mr van der Velden

ESOL (ESL901/902/903)

**Description**  
ESL is provided through courses based on ability level. The ESL901 course caters for students who need the most language support, and does not offer NCEA credits. ESL902 and ESL903 provide students with the opportunity to gain credits in the four language learning strands of Speaking, Listening, Writing and Reading. However, those students in ESL902 may have a more individualised learning plan, and may not complete a full NCEA course. Those students who go on to complete ESL903 are expected to take part in all of the NCEA learning opportunities provided

**Equipment / Costs**  
Nil

**Further Information**  
Ms Quigley

Level 1 Humanities (HUM100)

**Description**  
This course provides students with a supportive contextualised literacy course that places English in authentic contexts for the purpose of achieving NCEA Level 1.

- Content**
- Writing for basic communication
  - Reading for meaning
  - Personal reading
  - Spoken communication
  - Contextualised literacy

Assessment Examples

Standard	Title	Level	Credits	Int / Ext	Lit
504	Produce a CV (curriculum vitae)	1	2	I	
526	Describe community services	1	2	I	
548	Demonstrate knowledge of the impact of alcohol and other drugs	1	2	I	
3483	Fill in a form	1	2	I	
3490	Complete an incident report	1	2	I	
4248	Describe requirements and expectations faced by employees within the workplace	1	3	I	
4252	Produce a personal targeted CV (curriculum vitae)	2	2	I	
10792	Write formal personal correspondence	1	3	I	
91011	Conduct geographic research, with direction	1	4	I	Y
TOTAL			22		
Subject Endorsement available in this course			No		

**Entry Requirements**  
Parental application and teacher recommendation based on Year 10 English.

**Equipment / Costs**  
Nil

**Further Information**  
Mrs Climo

## Level 2 Humanities (HUM200)

### Description

This course provides students with a supportive contextualised literacy course that places English in authentic contexts for the purpose of achieving NCEA Level 2.

### Content

- Writing for basic communication
- Reading for meaning
- Personal reading
- Spoken communication
- Contextualised literacy

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
3488	Write business correspondence for a workplace	2	3	I		
3492	Write a short report	2	3	I		
4253	Demonstrate knowledge of job search skills	2	3	I		
4261	Identify legal rights and obligations in relation to registering and operating a private motor vehicle	2	3	I		
12349	Demonstrate knowledge of time management	2	3	I		
12354	Describe legal implications of living in rented accommodation and means to prevent or resolve related problems	2	4	I		
25073	Read texts to recognise differing points of view on a topic	2	3	I		
TOTAL		22				
Subject Endorsement available in this course		No				

### Entry Requirements

Humanities 100 or parental application or teacher recommendation based on Year 11 English

### Equipment / Costs

Nil

### Further Information

Mrs Climo

## Level 1 Maori (REO100)

### Description

This course is based on Level 6 of Te Aho Arataki Marau mo te Ako I Te Reo Maori.

### Content

- Whakarongo
- Korero
- Tuhituhi
- Panui

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91085	Whakarongo kia mohio ki te reo o tona ao	1	6	I	Y
91087	Panui kia mohio ki te reo o tona ao	1	6	E	Y
91089	Waihanga tuhinga i te reo o tona ao	1	6	I	Y
91086 Optional	Korero kia whakamahia i te reo o tona ao	1	6	I	Y
91088 Optional	Tuhi i te reo o tona ao	1	6	E	Y
TOTAL (excl. Optional)		18			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Open entry

### Equipment / Costs

Nil

### Further Information

Mr Christian

Level 2 Maori (REO200)

Description

This course is based on Level 7 of Te Aho Arataki Marau mo te Ako I Te Reo Maori.

Content

- Whakarongo
- Korero
- Tuhituhi
- Panui

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE/Lit
91284 <div><div>P</div><div>S</div><div>S</div><div>C</div></div>	Whakarongo kia mohio ki te reo o te ao torotoro	2	4	I	Y	
91286 <div><div>P</div><div>S</div><div>S</div><div>C</div></div>	Panui kia mohio ki te reo o te ao torotoro	2	6	E	Y	
91288 <div><div>P</div><div>S</div><div>S</div><div>C</div></div>	Waihanga tuhinga ausha, i te reo o te ao torotoro	2	6	I	Y	
91285 Optional <div><div>P</div><div>S</div><div>S</div><div>C</div></div>	Korero kia whakamahi i te reo o te ao torotoro	2	6	I	Y	
91287 Optional <div><div>P</div><div>S</div><div>S</div><div>C</div></div>	Tuhi i te reo o te ao torotoro	2	6	E	Y	
TOTAL (excl. Optional)		16				
Subject Endorsement available in this course		Yes				

Entry Requirements

12 credits in Level 1 Maori.

Equipment / Costs

Nil

Further Information

Mr Christian

Level 3 Maori (REO300)

Description

This course is based on Level 8 of Te Aho Arataki Marau mo te Ako I Te Reo Maori.

Content

- Whakarongo
- Korero
- Tuhituhi
- Panui

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE/Lit
91650	Whakarongo kia mohio ki te reo Maori o te ao whanui	3	4	I	Y	
91652	Panui kia mohio ki te reo Maori o te ao whanui	3	6	E	Y	
91654	Waihanga tuhinga whai take i te reo Maori o te ao whanui	3	6	I	Y	
91651 Optional	Korero kia whakamahi i te reo Maori o te ao whanui	3	6	I	Y	
91653 Optional	Tuhi i te reo Maori o te ao whanui	3	6	E	Y	
TOTAL (excl. Optional)		16				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

Entry Requirements

12 credits in Level 2 Maori

Equipment / Costs

Nil

Further Information

Mr Christian



## Level 1 Te Waharoa (WAH100)

### Description

This course provides an introduction to Māori Culture for learners. It is ideal for students who have an interest in Kapa Haka, Kai Moana and Te Ao Māori.

### Content

- Kapa Haka
- Kai moana – diving and gathering
- Te Reo Maori
- Maori and the environment
- Maori history and tribal traditions
- Carving and weaving

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
15976	Account for natural phenomena in a local context using purakau and waiata	1	2	I	
15983	Demonstrate knowledge of kai preservation	1	2	I	
19531	Demonstrate knowledge of a native marine fish and a native marine shellfish species and its significance to Maori	1	2	I	
22752	Demonstrate knowledge and skills of performance components	1	3	I	
23005	Demonstrate knowledge of carving	1	5	I	
27108	Describe the protocols and roles associated with powhiri in accordance with tikanga and/or kawa	1	2	I	
TOTAL			16		
Subject Endorsement available in this course			No		

### Entry Requirements

Open entry

### Equipment / Costs

Travel costs \$20

### Further Information

Mr Christian

## Level 2 Te Waharoa (WAH200)

### Description

This course explores various aspects of Māori Culture. It is ideal for students who have an interest in Kapa Haka, Kai Moana, Maori history and art.

### Content

- Kapa Haka
- Kai moana – diving and gathering
- Te Reo Maori
- Maori and the environment
- Maori history and tribal traditions
- Carving and weaving

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
13371	Demonstrate knowledge and skills of haka	2	6	I		
17383	Explain the importance, and demonstrate correct pronunciation, of Maori place names	3	3	I		
17788	Identify, and explain the history of, natural attractions and significant sites in tourism Maori	3	5	I		
18360	Prepare a nutritionally balanced diet using kai totika Maori	3	4	I		
23009	Identify and apply Maori art conventions, design elements and principles to explore whakairo	2	5	I		
27510	Identify traditional kai and describe the gathering process	2	2	I		
29587	Describe Maori diet and nutrition pre and post-Pakeha contact	3	4	I		
TOTAL			29			
Subject Endorsement available in this course			No			

### Entry Requirements

10 credits in Level 1 Te Waharoa

### Equipment / Costs

Travel costs \$20

### Further Information

Mr Christian

## Level 3 Te Waharoa (WAH300)

### Description

This course explores various aspects of Māori Culture. It is ideal for students who have an interest in Kapa Haka, Kai Moana, Maori history and art.

### Content

- Kapa Haka
- Kai moana – diving and gathering
- Te Reo Maori
- Maori and the environment
- Maori history and tribal traditions
- Carving and weaving

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
13371 <b>S</b> <b>C</b>	Demonstrate knowledge and skills of haka	2	6	I		
17383	Explain the importance, and demonstrate correct pronunciation, of Maori place names	3	3	I		
17788	Identify, and explain the history of, natural attractions and significant sites in tourism Maori	3	5	I		
18360	Prepare a nutritionally balanced diet using kai totika Maori	3	4	I		
23015	Examine meaning in particular whakairo situations	3	6	I		
27510	Identify traditional kai and describe the gathering process	2	2	I		
29587	Describe Maori diet and nutrition pre and post-Pakeha contact	3	4	I		
TOTAL			30			
Subject Endorsement available in this course			No			
Approved University Entrance Subject			No			

### Entry Requirements

10 credits in Level 2 Te Waharoa

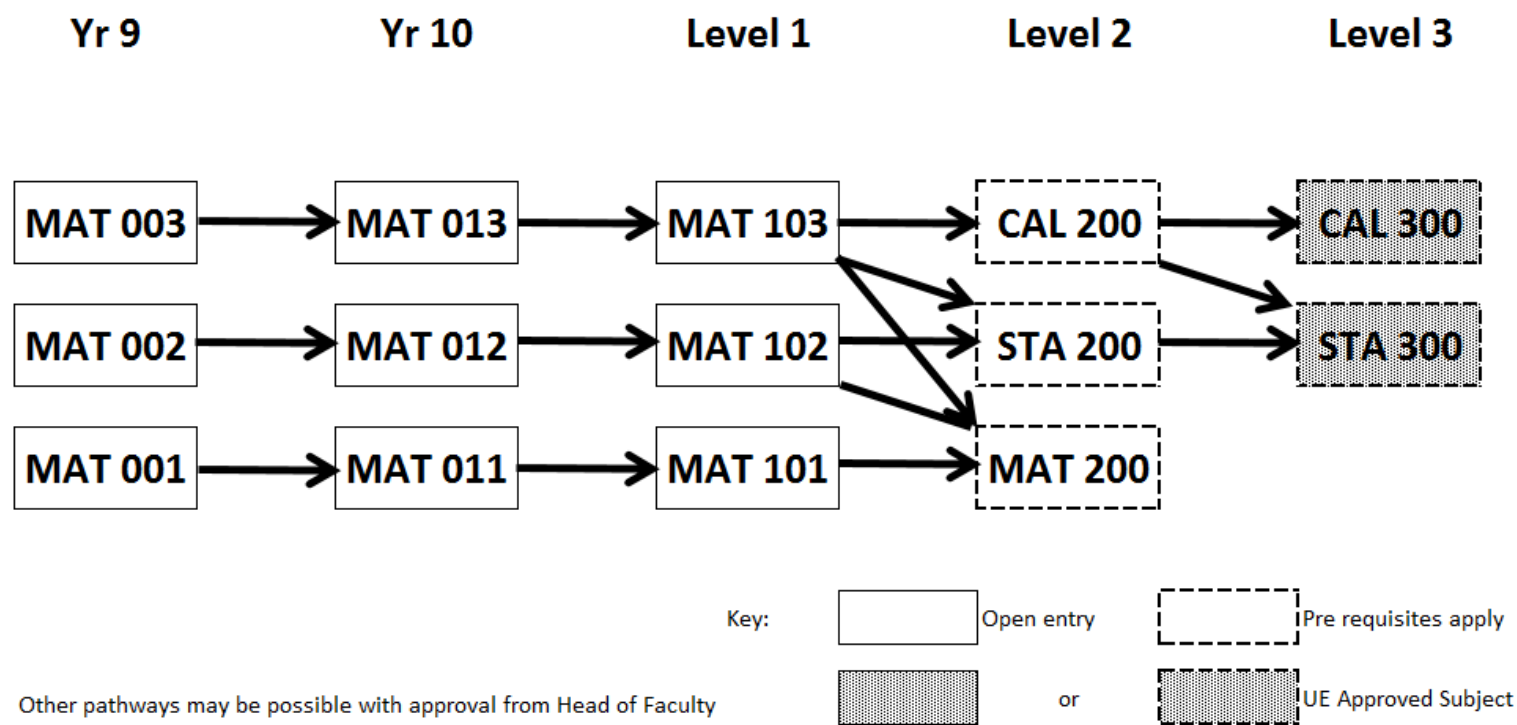
### Equipment / Costs

Travel costs \$20

### Further Information

Mr Christian

MATHEMATICS FACULTY  
Head of Faculty: Mrs Ward



## Level 1 Mathematics (NUM100)

### Description

This course is project based and aims to help students understand mathematics in every day contexts.

It will enable them to achieve Numeracy at Level 1 through the Unit Standard route.

### Content

- Number skills
- Measurement
- Interpret statistical information

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
26623	Use number to solve problems	1	4	I	
26626	Interpret statistical information for a purpose	1	3	I	
26627	Use measurement to solve problems	1	3	I	
TOTAL		10			
Subject Endorsement available in this course		No			

### Entry Requirements

Placement by Head of Faculty based on achievement in Year 10.

### Equipment / Costs

Casio fx-82AUPlus Calculator \$25

### Further Information

Mr Bowater

## Level 1 Mathematics (MAT102)

### Description

This is a general mathematics course that prepares students for STA200 or MAT200 and is a pathway to achieve Numeracy at Level 1.

### Content

- Numerical Methods
- Linear Algebra
- Measurement
- Statistics and Probability

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91026	Apply numeric reasoning in solving problems	1	4	I	
91029	Apply linear algebra in solving problems	1	3	I	
91030	Apply measurement in solving problems	1	3	I	
91035	Investigate a given multivariate data set using the statistical enquiry cycle	1	4	I	Y
91037	Demonstrate understanding of chance and data	1	4	E	
TOTAL		18			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Placement by Head of Faculty based on achievement in Year 10.

### Equipment / Costs

Casio fx-82AUPlus Calculator \$25

External Exam Revision Booklet (Optional) \$6.50

### Further Information

Mr Thornley

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## Level 1 Mathematics (MAT103)

### Description

This is a general mathematics course that prepares students for CAL200 and/or STA200 and is a pathway to achieve Numeracy at Level 1.

### Content

- Numerical Methods
- Algebraic Methods
- Graphical Methods
- Statistics and Probability

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91026	Apply numeric reasoning in solving problems	1	4	I	
91027	Apply algebraic procedures in solving problems	1	4	E	
91028	Investigate relationships between tables, equations and graphs	1	4	E	
91035	Investigate a given multivariate data set using the statistical enquiry cycle	1	4	I	Y
91037	Demonstrate understanding of chance and data	1	4	E	
TOTAL			20		
Subject Endorsement available in this course			Yes		

### Entry Requirements

Placement by Head of Faculty based on achievement in Year 10 with particular reference to algebra and the end of year exam.

### Equipment / Costs

Casio fx-82AUPlus Calculator \$25 (Required)  
or Casio fx- 9750GII Graphic Calculator \$95 (Preferred)  
MCAT Work Booklet \$6  
Study Pack (Optional) \$24  
External Exam Revision Booklets (Optional) \$12

### Further Information

Mrs Cookson

## Level 2 Calculus (CAL200)

### Description

This is an algebra based mathematics course that prepares students for CAL300 and/or STA300.

### Content

- Algebraic Methods
- Trigonometric Relationships
- Graphical Methods
- Calculus Methods
- Systems of Equations

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91257	Apply graphical methods in solving problems	2	4	I		
91259	Apply trigonometric relationships in solving problems	2	3	I		
91261	Apply algebraic methods in solving problems	2	4	E		
91262	Apply calculus methods in solving problems	2	5	E		
91269	Apply systems of equations in solving problems	2	2	I		
TOTAL			18			
Subject Endorsement available in this course			Yes			

### Entry Requirements

From MAT103: L1 Numeracy and AS91027, AS91028 (M or E)

### Equipment / Costs

Casio fx-9750GII Graphic Calculator \$95  
Study Pack (Optional) \$24  
External Exam Revision Booklets \$12 (Optional)

### Further Information

Mrs Ward

## Level 2 Statistics (STA200)

### Description

This is a statistically based mathematics course that prepares students for STA300.

### Content

- Networks
- Design a Questionnaire
- Simulation
- Statistical Methods - Inference
- Statistical Methods - Experiment
- Probability Methods

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91260	Apply network methods in solving problems	2	2	I		
91263	Design a questionnaire	2	3	I	Y	
91265	Conduct an experiment to investigate a situation using statistical methods	2	3	I	Y	
91267	Apply probability methods in solving problems	2	4	E	Y	
91268	Investigate a situation involving elements of chance using a simulation	2	2	I	Y	
91582	Use statistical methods to make a formal inference	3	4	I	Y	
TOTAL		18				
Subject Endorsement available in this course		Yes				

### Entry Requirements

L1 Numeracy and AS91035, AS91037

### Equipment / Costs

Casio fx-9750GII Graphic Calculator \$95  
External Exam Revision Booklet (Optional) \$6  
Networks Workbook \$6

### Further Information

Mrs Ward

## Level 2 Mathematics (MAT200)

### Description

This is a general mathematics course covering a variety of topics particularly suited to students who have no strong preference for algebra or statistics.

### Content

- Co-ordinate Geometry
- Sequences and Series
- Trigonometry
- Networks
- Statistical Methods – Experiment
- Simulation

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91256	Apply co-ordinate geometry methods in solving problems	2	2	I		
91258	Apply sequences and series in solving problems	2	2	I		
91259	Apply trigonometric relationships in solving problems	2	3	I		
91260	Apply network methods in solving problems	2	2	I		
91265	Conduct an experiment to investigate a situation using statistical methods	2	3	I	Y	
91268	Investigate a situation involving elements of chance using a simulation	2	2	I	Y	
TOTAL		14				
Subject Endorsement available in this course		No				

### Entry Requirements

Teacher recommendation and Head of Faculty approval.

### Equipment / Costs

Casio fx-82AUplus Calculator \$25  
Course Workbooks \$25

### Further Information

Mr Bowater

### Level 3 Calculus (CAL300)

**Description**

This is a pure mathematics course that is essential for many courses of study at tertiary level.

**Content**

- 3 by 3 Simultaneous Equations
- Complex Numbers
- Differentiation
- Integration

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91577	Apply the algebra of complex numbers in solving problems	3	5	E		
91578	Apply differentiation methods in solving problems	3	6	E		
91579	Apply integration methods in solving problems	3	6	E		
91587	Apply systems of simultaneous equations in solving problems	3	3	I		
91573 Optional	Apply the geometry of conic sections in solving problems	3	3	I		
91575 Optional	Apply trigonometric methods in solving problems	3	4	I		
TOTAL (excl. Optional)		20				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

**Entry Requirements**

From CAL200: AS91257, AS91261, AS91262 with M or E for either AS91261 or AS91262

**Equipment / Costs**

Casio fx-9750GII Graphic Calculator \$95  
Study Pack (Optional) \$24  
External Exam Revision Booklets (Optional) \$18

**Further Information**

Mrs Cookson

### Level 3 Statistics (STA300)

**Description**

This is a statistics course that is essential for many courses of study at tertiary level.

**Content**

- Investigate Time Series Data
- Investigate Bivariate Measurement Data
- Experimental Design
- Probability Concepts
- Probability Distributions

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91580	Investigate time series data	3	4	I	Y	
91581	Investigate bivariate measurement data	3	4	I	Y	
91583	Conduct an experiment to investigate a situation using experimental design principles	3	4	I	Y	
91585	Apply probability concepts in solving problems	3	4	E		
91586	Apply probability distributions in solving problems	3	4	E		
TOTAL		20				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

**Entry Requirements**

From STA200: AS91582, AS91267 and 5 other credits from the STA200 course  
From CAL200: 10 credits from CAL200

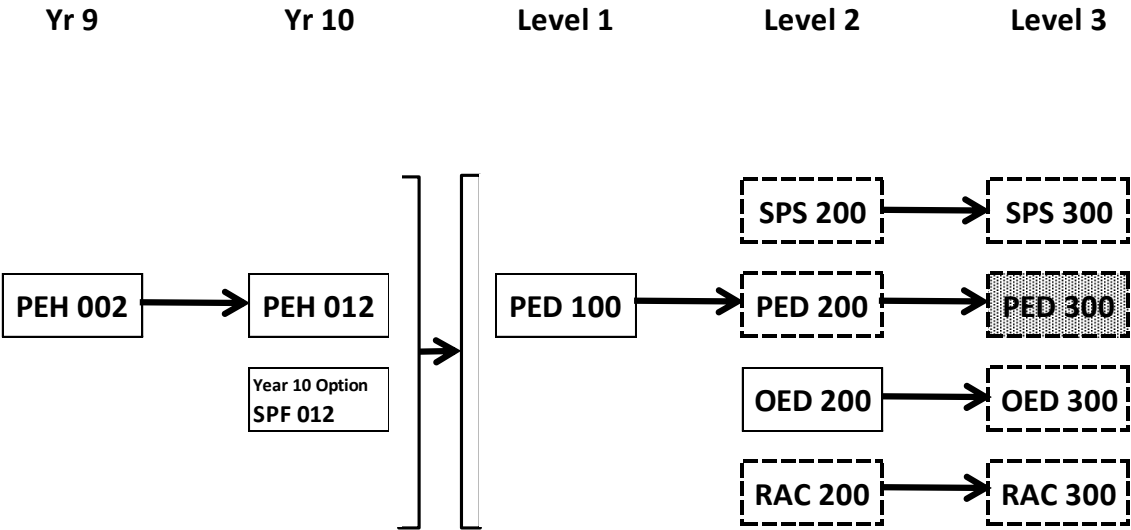
**Equipment / Costs**


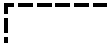
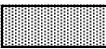
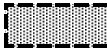
Casio fx-9750GII Graphic Calculator \$95  
Course Workbooks \$21  
Study Pack (Optional) \$24  
External Revision Booklets (Optional) \$12

**Further Information**

Mr Thornley

PHYSICAL EDUCATION FACULTY  
Head of Faculty: Mr Molyneux



Key:  Open entry  Pre requisites apply  
 or  UE Approved Subject

Other pathways may be possible with approval from Head of Faculty



Level 1 Physical Education (PED100)

Description

This course is an introduction to senior Physical Education and is a mix of practical and theory work. It includes completing six different sports through the year.

Suited to students interested in Sport and/or pushing their personal boundaries

Content

- Training methods
- Sport Science
- Interpersonal skills
- Self-management strategies
- Aussie Rules, Water Polo, Basketball, Snooker, Mixed Martial Arts, Training principles

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90962	Participate actively in a variety of physical activities and explain factors that influence own participation	1	5	I	
90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	1	5	I	Y
90964	Demonstrate quality movement in the performance of a physical activity	1	3	I	
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	1	4	I	Y
90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	1	3	I	Y
90969	Take purposeful action to assist others to participate in physical activity	1	2	I	
90970	Demonstrate self management strategies and describe the effects on participation in physical activity	1	3	I	Y
TOTAL		25			
Subject Endorsement available in this course		Yes			

Entry Requirements

Open entry

Equipment / Costs

\$60, venue hire, instructor fees, pool costs

Further Information

Mr McMurtrie

Level 2 Physical Education (PED200)

Description

This course will suit those interested in pursuing an interest or career in sport and recreation. It has a strong academic focus along with a variety of practical work.

Content

- Skill Learning
- Biomechanics
- Sociology
- Exercise Physiology
- Coaching
- Practical (Kayak Roll, Badminton, Lawn Bowls)

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
476	Roll a kayak	2	2	I		
22769	Demonstrate knowledge of basic skills and rules at a beginner level for a sport	2	2	I		
91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	2	5	I	Y	
91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	2	4	I	Y	
91330	Perform a physical activity in an applied setting	2	4	I		
91331	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	2	4	I	Y	
91332	Evaluate leadership strategies that contribute to the effective functioning of a group	2	4	I	Y	
91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	2	3	I		
TOTAL		28				
Subject Endorsement available in this course		Yes				

Entry Requirements

14 PED100 Credits

Equipment / Costs

Write on Books/Practical fees \$40

Further Information

Mr Ave

Level 3 Physical Education (PED300)

**Description**  
This course is mainly theoretically essay based. It will suit students interested in sport, wanting to study sport further, or moving into a sport based career.

- Content**
- Biomechanical Analysis
  - Skill Acquisition and Sports Psychology
  - Exercise Physiology
  - Sociology
  - Cycle Tour
  - Swimming in conjunction with theory work.

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
20135	Plan for, participate in and evaluate a self-sufficient cycle tour	3	10	I		
91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	3	4	I	Y	
91499	Analyse a physical skill performed by self or others	3	3	I	Y	
91500	Evaluate the effectiveness of a performance improvement programme	3	4	I	Y	
91501	Demonstrate quality performance of a physical activity in an applied setting	3	4	I		
91502	Examine a current physical activity event, trend, or issue and its impact on New Zealand society	3	4	I	Y	R
TOTAL		29				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

**Entry Requirements**  
14 PED200 credits

**Equipment / Costs**  
\$130, cycle tour, stadium hire, text book  
Mountain bike – own or hire

**Further Information**  
Mr Pugh

Level 2 Outdoor Education (OED200)

**Description**  
This is a practical course for students who enjoy the Outdoors and/or who wish to pursue a career in the Outdoor Industry.

- Content**
- Snorkelling
  - Bushcraft and Survival
  - Kayaking, Boat Safety
  - Mountain Biking, Camping

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
426 S	Experience camping	2	3	I		
431 S	Navigate in good visibility on land	2	3	I		
457 S	Mountain bike on intermediate to expert terrain	2	2	I		
489 S	Demonstrate sea kayaking skills on sheltered or slow-moving water	2	3	I		
20138 S	Select, set up and maintain a mountain or cycle touring bike	2	3	I		
26542 S	Demonstrate basic knowledge of the operation of pleasure/small craft by day	2	6	I		
28391 S	Snorkel dive in open water	2	2	I		
425 Optional S	Experience day tramps	2	3	I		
26551 Optional P S SC C	Provide first aid for life threatening conditions	2	1	I		
26552 Optional P S SC C	Demonstrate knowledge of common first aid conditions and how to respond to them	2	1	I		
TOTAL (excl. Optional)		22				
Subject Endorsement available in this course		No				

**Entry Requirements**  
Open entry

**Equipment / Costs**  
\$175 includes all transport, camps, gear and food

**Further Information**  
Mr Molyneux

## Level 3 Outdoor Education (OED300)

### Description

This option provides a practical course for students who enjoy the Outdoors and/or who wish to pursue a career in the Outdoor Industry.

### Content

- Sea Kayaking
- Bushcraft and Survival
- Tramping/Camping
- Optional Pursuit

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
427	Cross rivers	3	2	I		
428	Demonstrate tramping skills for multi-night tramping as a member of a group	3	15	I		
430	Demonstrate bush survival skills	3	3	I		
19428	Prepare for sea kayaking and demonstrate sea kayaking skills in sheltered sea conditions	3	10	I		
TOTAL			30			
Subject Endorsement available in this course			No			
Approved University Entrance Subject			No			

### Entry Requirements

12 Credits from OED200

### Equipment / Costs

\$275 includes all trips/gear/food and transport

### Further Information

Mr Molyneux

## Level 2 Rugby Academy (RAC200)

### Description

This is a practical course for those who wish to pursue a career as a high performance athlete in rugby.

### Content

- Physical Fitness Training
- Nutrition
- Sports Psychology
- Skill Development
- Coaching
- Refereeing
- Event Organisation
- Career Development

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
21793 S	Demonstrate correct technique when using basic gym equipment	2	2	I		
21795 S	Demonstrate, instruct, and monitor safe and correct use of cardiovascular exercise equipment	2	3	I		
22769 S SC	Demonstrate knowledge of basic skills and rules at a beginner level for a sport	2	2	I		
27629 SC	Describe pre-competition preparations for umpiring/officiating at a junior or beginning level	2	3	I		
91330 S C	Perform a physical activity in an applied setting	2	4	I		
91334 S SC C	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	2	3	I		
TOTAL			17			
Subject Endorsement available in this course			No			

### Entry Requirements

Currently playing rugby and aiming to play at 1<sup>st</sup> or 2<sup>nd</sup> XV level. Judged on their previous involvement in school rugby.

### Equipment / Costs

\$120

### Further Information

Mr Cornelius

## Level 3 Rugby Academy (RAC300)

### Description

This is a practical course for those who wish to pursue a career as a high performance athlete in rugby.

### Content

- Physical Fitness Training
- Nutrition
- Sports Psychology
- Skill Development
- Coaching
- Refereeing
- Event Organisation
- Career Development

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
20673	Demonstrate knowledge of injury prevention and risk and injury management in sport or recreation	3	4	I		
21648	Apply basic psychological skills to sports performance	3	4	I		
22771	Plan a beginner level coaching session for sport participants	3	4	I		
91501	Demonstrate quality performance of a physical activity in an applied setting	3	4	I		
TOTAL		16				
Subject Endorsement available in this course		No				
Approved University Entrance Subject		No				

### Entry Requirements

Currently playing rugby and aiming to play at 1<sup>st</sup> or 2<sup>nd</sup> XV level. Judged on their previous involvement in school rugby.  
And 14 Level 2 credits from RAC200

### Equipment / Costs

\$120

### Further Information

Mr Cornelius

## Level 2 Sports Studies (SPS200)

### Description

This course is suited to students who are passionate about sport, sport coaching, sports administration and learning about the requirements of the sport industry.

### Content

- Skill Learning
- Report Writing
- Exercise Physiology
- Coaching
- Communication Skills
- Familiarisation with gym equipment

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
1299	Be assertive in a range of specified situations	2	4	I		
3492	Write a short report	2	3	I		
6571	Demonstrate relevance of principles of nutrition to health	2	2	I		
10791	Participate in an informal meeting	2	3	I		
21791	Relate human anatomy and movement to gym equipment and static stretching	2	4	I		
21793	Demonstrate correct technique when using basic gym equipment	2	2	I		
21794	Demonstrate, instruct, and monitor static stretching	2	3	I		
21795	Demonstrate, instruct, and monitor safe and correct use of cardiovascular exercise equipment	2	3	I		
22770	Demonstrate knowledge of sports coaching, the coaching environment, and sport participants' needs	2	4	I		
TOTAL		28				
Subject Endorsement available in this course		No				

### Entry Requirements

60 Level 1 Credits and a proven sports background at least club level within the last 18 months

### Equipment / Costs

Write on Books/Practical fees including subsidised Gym Membership \$60

### Further Information

Mr McMurtrie

## Level 3 Sports Studies (SPS300)

### Description

In this industry based course students will have many opportunities to develop as coaches and players as well as take responsibility for their own sport related fitness.

### Content

- Skill Acquisition
- Exercise Physiology
- Sport safety and injury prevention
- Coaching Practicals
- Familiarisation with commercial gym equipment/requirements

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
7021	Demonstrate exercise techniques	3	8	I		
13382	Develop and teach a simple movement skill in a specified workplace	3	2	I		
20673	Demonstrate knowledge of injury prevention and risk and injury management in sport or recreation	3	4	I		
21414	Plan and run a recreation activity	3	4	I		
22768	Conduct and review a beginner level coaching session	3	6	I		
22771	Plan a beginner level coaching session for sport participants	3	4	I		
TOTAL			28			
Subject Endorsement available in this course			No			
Approved University Entrance Subject			No			

### Entry Requirements

NCEA Level 1 and 30 Level 2 Credits

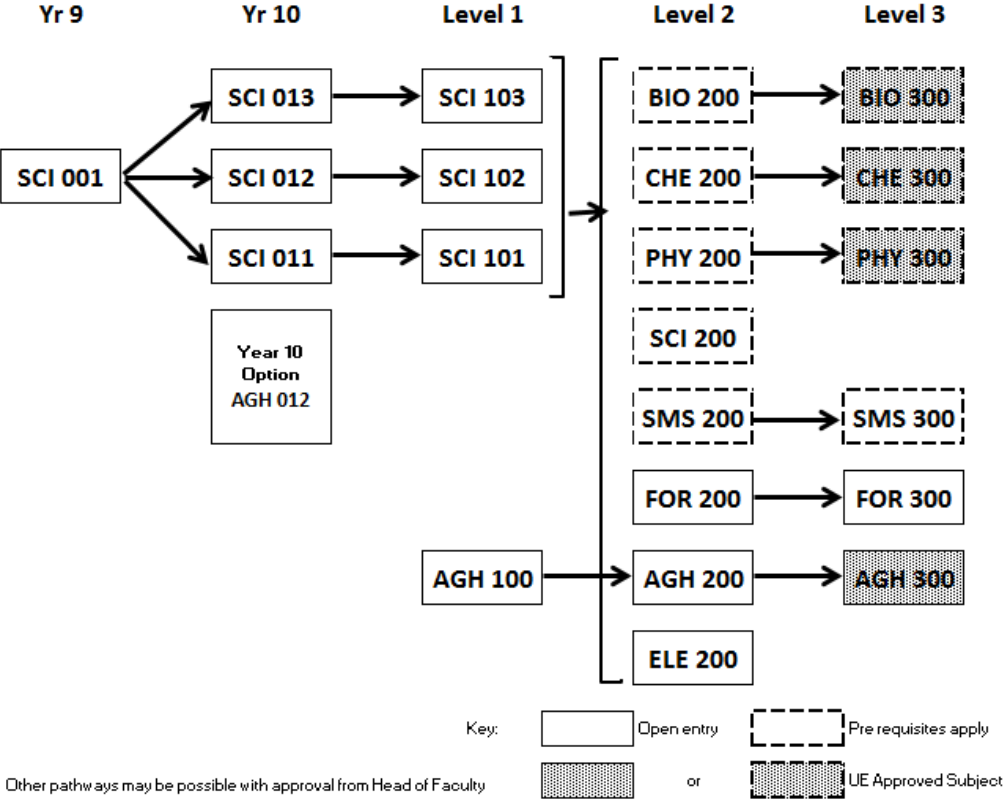
### Equipment / Costs

\$60 includes subsidised gym membership

### Further Information

Mr d'Auvergne

SCIENCE FACULTY  
Head of Faculty: Dr Attridge



## Level 1 Science (SCI101)

### Description

A general science course for those who may not be advancing in science but can benefit from increasing their scientific literacy as citizens. Standards are selected from a range of options during the year.

### Content

- Matter
- Chemical change
- Electricity
- Cells, organs and organ systems
- Earth science

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90946 M CI P C	Investigate the implications of the properties of metals for their use in society	1	4	I	
90947 M CI P SC C	Investigate selected chemical reactions	1	4	I	
90949 P S SC C	Investigate life processes and environmental factors that affect them	1	4	I	
90951 P S C	Investigate the biological impact of an event on a New Zealand ecosystem	1	4	I	
TOTAL			16		
Subject Endorsement available in this course			No		

### Entry Requirement

Placement based on year 10 achievement

### Equipment / Costs

Recommended write-on resource \$20

### Further Information

Dr Attridge

## Level 1 Science (SCI102)

### Description

A general science course designed to build scientific literacy for all and also for those intending to take science to a higher level.

### Content

- Life Processes
- Investigate a Chemical Reaction
- Mechanics
- Metals
- Acids and Bases (optional)

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90940 M CI P S SC C	Demonstrate understanding of aspects of mechanics	1	4	E	
90946 M CI P C	Investigate the implications of the properties of metals for their use in society	1	4	I	
90947 M CI P SC C	Investigate selected chemical reactions	1	4	I	
90949 P S SC C	Investigate life processes and environmental factors that affect them	1	4	I	
90944 Optional M CI P C	Demonstrate understanding of aspects of acids and bases	1	4	E	
TOTAL (excl. Optional)			16		
Subject Endorsement available in this course			Yes		

### Entry Requirement

Placement based on Year 10 achievement

### Equipment / Costs

SciPad and Education Perfect \$40

### Further Information

Dr Attridge

## Level 1 Science (SCI103)

### Description

A general science course suitable for, but not restricted to, those intending to progress in science.

### Content

- Life Processes
- Chemical reaction
- Mechanics
- Genetics
- Acids and Bases (optional)

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90935 M CI P SC C	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	1	4	I	
90940 M CI P S SC C	Demonstrate understanding of aspects of mechanics	1	4	E	
90947 M CI P SC C	Investigate selected chemical reactions	1	4	I	
90948 M CI P SC C	Demonstrate understanding of biological ideas relating to genetic variation	1	4	E	Y
90950 M CI P S SC C	Investigate biological ideas relating to interactions between humans and micro-organisms	1	4	I	
90944 Optional M CI P C	Demonstrate understanding of aspects of acids and bases	1	4	E	
TOTAL (excl. Optional)			20		
Subject Endorsement available in this course			Yes		

### Entry Requirement

Placement based on Year 10 achievement

### Equipment / Costs

SciPad and Education Perfect \$50

### Further Information

Dr Attridge

## Level 2 Science (SCI200)

### Description

A general science course with a focus on local contexts designed to further develop scientific skills to complement other curriculum areas or possibly leading to advanced study in science.

### Content

- Leaf structure
- Testing for Chemicals in Soils
- Soil Structure
- Plate Tectonics and Earthquakes
- Geological processes and Marlborough's History

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91160 P S SC	Investigate biological material at the microscopic level	2	3	I		
91162 M CI P SC C	Carry out procedures to identify ions present in solution	2	3	I		
91187 M	Carry out a practical Earth and Space Science investigation	2	4	I	Y	
91189	Investigate geological processes in a New Zealand locality	2	4	I	Y	
TOTAL			14			
Subject Endorsement available in this course			No			

### Entry Requirement

10 Level 1 Science credits

### Equipment Costs

Recommended write-on resource \$20

### Further Information

Dr Attridge



## Level 1 Agriculture (AGH100)

### Description

A foundation course for those with an interest in primary production.

### Content

- Agriculture/Horticulture production and impact
- Practical skills
- Soil management

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90160 P	Demonstrate knowledge of the impact on the environment of primary production management practices	1	3	I	Y
90920 P	Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand	1	3	I	Y
1 P	Prepare and sow outdoor seedbeds manually	1	5	I	
90157 P	Demonstrate practical skills used in agricultural or horticultural production	1	4	I	
90919 P	Demonstrate knowledge of soil management practices	1	4	E	Y
91295 Optional P	Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices	2	4	I	Y
TOTAL (excl. Optional)		19			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Open entry

### Equipment / Costs

Course workbook \$25

### Further Information

Mr Ytsma

## Level 2 Agriculture (AGH200)

### Description

A course suited to those students interested in pursuing a career in Agriculture/Horticulture.

### Content

- Farm Safety
- Safe operation of Quad Bike
- Safe operation of Motorcycle
- Safe operation of Tractor
- Environmental impacts of primary production
- Stock care and management

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91295 P	Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices	2	4	I	Y	
91298 P	Report on the environmental impact of the production of a locally produced primary product	2	4	I	Y	
19044 P	Demonstrate knowledge of the legal requirements and hazards associated with tractor use	2	3	I		
23540 P	Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace	2	5	I		
23542	Identify factors, and describe how to manage factors, that contribute to injury in a rural workplace	3	4	I		
24555 P	Demonstrate knowledge of the safe operation of a motorcycle	2	3	I		
24557 P	Demonstrate knowledge of the safe operation of a quad bike	2	3	I		
TOTAL		26				
Subject Endorsement available in this course		No				

### Entry Requirements

Open entry

### Equipment / Costs

Nil

### Further Information

Mr Ytsma

### Level 3 Agriculture (AGH300)

**Description**

Investigation of management practices and factors influencing primary production with a focus on viticulture.

**Content**

- Investigation of viticultural practices
- Primary production profitability
- Environmental issues in farming

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
21956	Demonstrate knowledge of grapevine physiology, morphology and phenology	3	10	I		
91528	Carry out an investigation into an aspect of a New Zealand primary product or its production	3	4	I	Y	
91529	Research and report on the impact of factors on the profitability of a New Zealand primary product	3	6	I	Y	R
91532	Analyse a New Zealand primary production environmental issue	3	5	E	Y	R W
TOTAL		25				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

**Entry Requirements**

Open entry

**Equipment / Costs**

Course workbook \$25

**Further Information**

Mr Ytsma

### Level 2 Biology (BIO200)






**Description**

A general biology course aimed at developing skills to investigate biological structures, patterns and systems with a focus on cell function, genetics and evolution.

**Content**

- Cell structure and function
- Ecology
- Genetics and Evolution
- Photosynthesis
- Respiration

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91153 	Carry out a practical investigation in a biology context, with supervision	2	4	I		
91156 	Demonstrate understanding of life processes at the cellular level	2	4	E	Y	
91157 	Demonstrate understanding of genetic variation and change	2	4	E	Y	
91158 	Investigate a pattern in an ecological community, with supervision	2	4	I	Y	
91159 	Demonstrate understanding of gene expression	2	4	E	Y	
TOTAL		20				
Subject Endorsement available in this course		Yes				

**Entry Requirement**

10 credits in Science at Level 1, or higher, the majority of Science exams at Level 1 must have been passed.

**Equipment / Costs**

Recommended resource: Education Perfect and SciPad \$55  
Rotoiti Field trip \$210

**Further Information**

Mr Anderson

## Level 3 Biology (BIO300)

### Description

A general biology course aimed at developing critical thinking about biological systems and processes.

### Content

- Animal behaviour and Plant responses
- Homeostasis
- Genetic manipulation
- Evolution and speciation
- Human evolution (optional)

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91601	Carry out a practical investigation in a biological context, with guidance	3	4	I	Y	
91603	Demonstrate understanding of the responses of plants and animals to their external environment	3	5	E	Y	R W
91604	Demonstrate understanding of how an animal maintains a stable internal environment	3	3	I	Y	R
91605	Demonstrate understanding of evolutionary processes leading to speciation	3	4	E	Y	R W
91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	3	3	I	Y	R
91606 Optional	Demonstrate understanding of trends in human evolution	3	4	E	Y	R W
TOTAL (excl. Optional)			19			
Subject Endorsement available in this course			Yes			
Approved University Entrance Subject			Yes			

### Entry Requirement

10 credits in Biology at Level 2 or higher, the majority of Biology exams at Level 2 must have been passed.

### Equipment / Costs

Recommended resource: Level 3 Education Perfect and SciPad \$55  
Mistletoe Bay trip \$190

### Further Information

Mr Anderson

## Level 2 Chemistry (CHE200)

### Description

This course is for students interested in the material part of science and for those who plan to study science or a form of applied science at tertiary level.

### Content

- Qualitative and quantitative analysis
- Why and how organic and inorganic chemicals react
- **Opportunities for extension in practical and theoretical chemistry exist**

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91161	Carry out quantitative analysis	2	4	I		
91162	Carry out procedures to identify ions present in solution	2	3	I		
91165	Demonstrate understanding of the properties of selected organic compounds	2	4	E	Y	
91166	Demonstrate understanding of chemical reactivity	2	4	E	Y	
91167	Demonstrate understanding of oxidation-reduction	2	3	I		
TOTAL			18			
Subject Endorsement available in this course			Yes			

### Entry Requirement

10 credits in Science at Level 1 or higher, the majority of Science exams at Level 1 must have been passed.

### Equipment / Costs

Recommended write on workbooks \$50

### Further Information

Mrs Withers

### Level 3 Chemistry (CHE300)

#### Description

This course is for students keen to extend their knowledge of chemistry and for those who plan to study science or a form of applied science at tertiary level.

#### Content

- Extended quantitative practical investigation
- Spectroscopy for organic chemicals
- Chemical processes in the world around us
- Thermochemistry
- Properties of inorganic compounds
- Equilibrium principles in solutions
- Redox processes
- *Opportunities for extension in practical and theoretical chemistry exist*

#### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91387	Carry out an investigation in chemistry involving quantitative analysis	3	4	I	Y	W
91388	Demonstrate understanding of spectroscopic data in chemistry	3	3	I		
91389	Demonstrate understanding of chemical processes in the world around us	3	3	I	Y	R W
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	3	5	E	Y	
91391	Demonstrate understanding of the properties of organic compounds	3	5	E	Y	
91392	Demonstrate understanding of equilibrium principles in aqueous systems	3	5	E	Y	
91393	Demonstrate understanding of oxidation-reduction processes	3	3	I	Y	
TOTAL		28				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

#### Entry Requirement

10 credits in Chemistry at Level 2 or higher, all Chemistry exams at Level 2 must have been passed.

#### Equipment / Costs

Recommended Write on workbooks \$55

#### Further Information

Mrs Withers

### Level 2 Electronics (ELE200)

#### Description

This course gives students the opportunity to become competent with electronic components and to be able to manufacture simple circuit boards. It leads to a National Certificate in Electronics Technology.

#### Content

- Circuit concepts and measurement
- Basic Electronic Components
- Basic Electronic Systems
- Simple Circuit board construction
- Circuit schematics

#### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
18239 <div>CI</div>	Demonstrate introductory knowledge of circuit concepts and measurements for electronics	2	5	I		
18240 <div>CI</div>	Demonstrate knowledge of basic electronic components	2	5	I		
18241 <div>CI</div>	Demonstrate knowledge of basic electronic systems	2	5	I		
18242 <div>CI</div>	Construct a simple printed circuit	2	3	I		
18243 <div>CI</div>	Construct a simple electronic product from a supplied circuit schematic	2	6	I		
TOTAL			24			
Subject Endorsement available in this course			No			

#### Entry Requirement

Open entry

#### Equipment / Costs

Recommended write on workbook \$20

#### Further Information

Mrs McKendry

## Level 2 Forestry (FOR200)

### Description

Requirements for safe work practices and an outline of the forest industry in New Zealand.

### Content

- Rules regarding working in forestry
- Chainsaw use
- Commercial forestry

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
6916	Demonstrate knowledge of the rules relating to chainsaw use	2	5	I		
6917	Demonstrate basic chainsaw operation	2	8	I		
17769	Demonstrate knowledge of general health, safety, and environmental requirements in forestry	2	5	I		
22997	Demonstrate knowledge of principles of commercial forestry	2	5	I		
TOTAL		23				
Subject Endorsement available in this course		No				

### Entry Requirements

Open entry

### Equipment / Costs

Nil

### Further Information

Mr Ytsma

## Level 3 Forestry (FOR300)

### Description

A more detailed coverage of how trees grow, and forest management.

### Content

- Tree growth and botany
- Tree felling
- Environmental requirements in forestry

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
1126	Demonstrate knowledge of botany for commercial forestry	3	8	I		
17763	Demonstrate knowledge of tree felling	3	5	I		
17772	Demonstrate knowledge of environmental requirements in forestry operations	3	5	I		
TOTAL		18				
Subject Endorsement available in this course		No				
Approved University Entrance Subject		No				

### Entry Requirements

Open entry

### Equipment / Costs

Nil

### Further Information

Mr Ytsma

## Level 2 Physics (PHY200)

### Description

This is a general course for those wishing to pursue a scientific, technical or engineering career.

### Content

- Waves
- Mechanics
- Electricity
- Practical investigation

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE/Lit
91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	2	4	I	Y	
91169	Demonstrate understanding of physics relevant to a selected context	2	3	I	Y	
91171	Demonstrate understanding of mechanics	2	6	E	Y	
91173	Demonstrate understanding of electricity and electromagnetism	2	6	E	Y	
TOTAL		19				
Subject Endorsement available in this course		Yes				

### Entry Requirement

10 Level 1 Maths credits plus  
10 Level 1 Science credits, the majority of Science external exams at Level 1 must have been passed

### Equipment / Costs

Write-on workbook \$30, Scientific or Graphic calculator

### Further Information

Mrs McKendry

## Level 3 Physics (PHY300)

### Description

This is a general course for those planning to pursue a scientific, technical or engineering career. It is also an important prerequisite for many university courses and professions.

### Content

- Waves
- Mechanics
- Electricity
- Practical Investigation
- Nuclear Physics

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	3	4	I	Y	
91523	Demonstrate understanding of wave systems	3	4	E	Y	
91524	Demonstrate understanding of mechanical systems	3	6	E	Y	
91526	Demonstrate understanding of electrical systems	3	6	E	Y	
91522 Optional	Demonstrate understanding of the application of physics to a selected context	3	3	I	Y	
TOTAL (excl. Optional)		20				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

### Entry Requirements

10 credits in Physics at Level 2 or higher, all Physics external exams at Level 2 must have been passed.

### Equipment / Costs

Write-on workbook \$30, Scientific or Graphics Calculator

### Further Information

Mrs McKendry

## Level 2 Sustainable Marine Science (SMS200)

### Description

A course aimed at developing understanding of the biology of selected marine species with a focus on aquaculture and the factors which influence sustainable marine farming.

### Content

- Fish species and their identification
- Use of microscopes
- Oyster Biology and Farming
- Mussel Biology and Farming
- Ecotourism

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
16337 P	Outline New Zealand Greenshell mussel (kutai, kuku) farming	2	10	I		
16340	Describe the biology of the New Zealand Greenshell mussel (kutai, kuku)	3	5	I		
16673	Describe the biology of oysters (tio)	3	5	I		
16712	Identify seafood species in the New Zealand seafood industry	2	3	I		
16672 Optional P	Outline the Pacific oyster (tio) farming industry in New Zealand	2	10	I		
91158 Optional P	Investigate a pattern in an ecological community, with supervision	2	4	I	Y	
TOTAL (excl. Optional)		23				
Subject Endorsement available in this course		No				

### Entry Requirement

10 credits in Science at Level 1 or higher

### Equipment / Costs

Nil

### Further Information

M Anderson

## Level 3 Sustainable Marine Science (SMS300)

### Description

A course aimed at continuing to develop understanding of the biology of selected marine species with a focus on aquaculture and the factors which influence sustainable marine farming. Students will be involved in growing salmon from eggs to release.

### Content

- Kina Biology
- Use of microscopes
- Marine Ecology and marine Systems
- Crayfish Biology
- Salmon farming and Biology
- Paua Biology

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
16673	Describe the biology of oysters (tio)	3	5	I		
16674	Describe the principles of aquatic ecology and relate to aquaculture	3	10	I		
20305	Describe the biology of the sea urchin (kina)	3	5	I		
20306	Describe the biology of a species of aquatic Crustacea	3	5	I		
16340 Optional	Describe the biology of the New Zealand Greenshell mussel (kutai, kuku)	3	5	I		
17253 Optional	Describe the biology of an abalone (paua)	3	5	I		
TOTAL (excl. Optional)		25				
Subject Endorsement available in this course		No				
Approved University Entrance Subject		No				

### Entry Requirement

10 credits in Science at Level 1 or higher

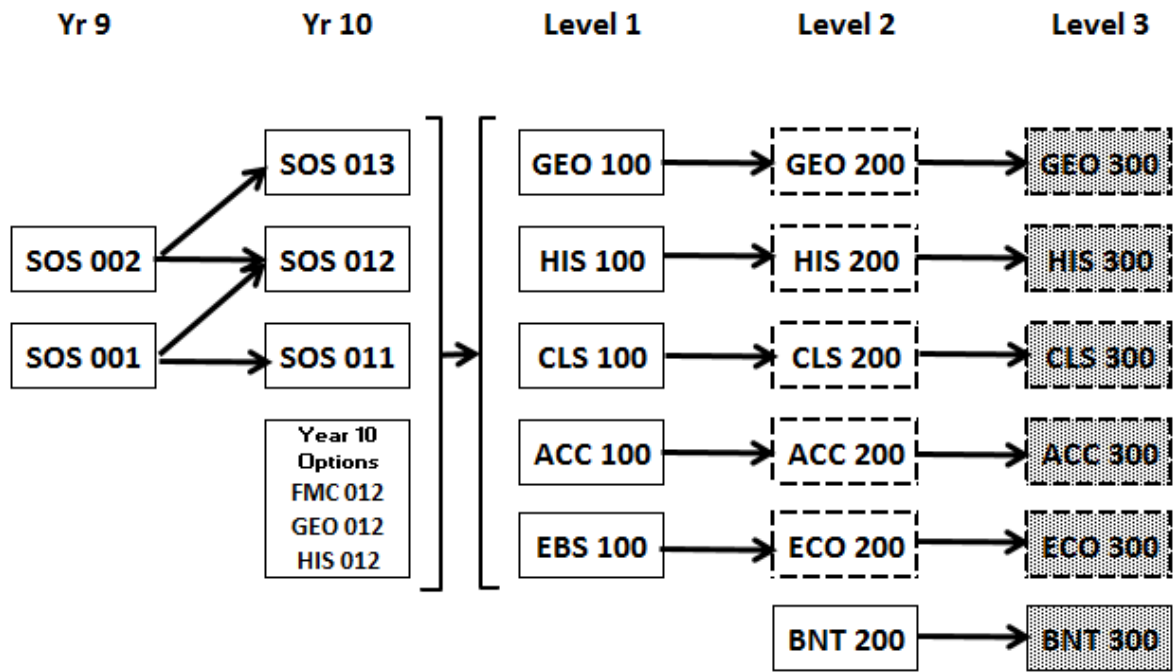
### Equipment / Costs

Nil

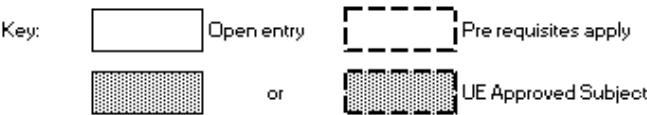
### Further Information

Mr Anderson

SOCIAL SCIENCES FACULTY  
Head of Faculty: Mr Clark



Other pathways may be possible with approval from Head of Faculty





## Level 1 Economics and Business Studies (EBS100)

### Description

Economics examines the choices people make about the use of limited resources to satisfy unlimited wants.

Business Studies is about how individuals and groups of people organise, plan and act to create and develop goods and services to satisfy customers.

### Content

- Enterprise
- Consumer Choices
- Supply and Demand
- Writing a business plan and run a small business
- Human Resources
- Marketing Equilibrium

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90840 P S C	Apply the marketing mix to a new or existing product	1	3	I	Y
90841 P C	Investigate aspects of human resource processes in a business	1	3	I	Y
90842 P C	Carry out and review a product-based business activity within a classroom context with direction	1	6	I	Y
90983 P S C	Demonstrate understanding of consumer choices, using scarcity and/or demand	1	4	E	Y
90985 P S C	Demonstrate understanding of producer choices using supply	1	3	E	Y
90986 P S C	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	1	5	E	Y
TOTAL		24			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Open entry

### Equipment / Costs

Workbooks & Field Trip \$45

### Further Information

Mrs Thomas

Mr Peters

## Level 1 Accounting (ACC100)

### Description

In Level 1 Accounting students will develop the knowledge to manage the financial affairs of individuals, whanau, community organisations and local small or medium entities, while acting with integrity.

### Content

- Understanding of accounting principals
- Processing financial transactions
- Preparing financial statements
- Decision making
- Cash management

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
90976 P S C	Demonstrate understanding of accounting concepts for small entities	1	3	E	Y
90977 S C	Process financial transactions for a small entity	1	5	I	
90978 S C	Prepare financial statements for sole proprietors	1	5	E	
90981 S C	Make a financial decision for an individual or group	1	3	I	Y
90982 S C	Demonstrate understanding of cash management for a small entity	1	4	I	Y
TOTAL		20			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Open entry

### Equipment / Costs

Workbook \$30

### Further Information

Mr Peters

## Level 2 Accounting (ACC200)

### Description

Level 2 Accounting students will develop their knowledge to manage the financial affairs and act with integrity for organisations – individuals, whānau, community organisations and local or regional, small or medium entities – that operate accounting subsystems.

### Content

- Understanding of computer software
- Preparing financial statements
- Decision Making
- Investigating sustainability in business
- Accounts receivable systems

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91175	Demonstrate understanding of accounting processing using accounting software	2	4	I		
91176	Prepare financial information for an entity that operates accounting subsystems	2	5	E		
91177	Interpret accounting information for entities that operate accounting subsystems	2	4	E	Y	
91179	Demonstrate understanding of an accounts receivable subsystem for an entity	2	3	I	Y	
91481	Demonstrate understanding of a contemporary accounting issue for decision-making	2	4	I	Y	
TOTAL			20			
Subject Endorsement available in this course			Yes			

### Entry Requirements

Open entry

### Equipment / Costs

Workbook \$30  
Field Trip \$30

### Further Information

Mr Peters

## Level 3 Accounting (ACC300)

### Description

Level 3 Accounting students will develop their knowledge to manage the financial affairs of individuals, whānau, and small, medium or large entities, including community organisations, that may be local, regional, national or global, to enable internal users to make effective and ethical decisions.

### Content

- Understanding of Partnerships
- Preparing Financial Statements
- Decision Making
- Interpreting Annual reports
- Job Costing Systems

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91405	Demonstrate understanding of accounting for partnerships	3	4	I		
91406	Demonstrate understanding of company financial statement preparation	3	5	E		
91407	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	3	5	I	Y	R W
91408	Demonstrate understanding of management accounting to inform decision-making	3	4	E	Y	
91409	Demonstrate understanding of a job cost subsystem for an entity	3	4	I	Y	
TOTAL			22			
Subject Endorsement available in this course			Yes			
Approved University Entrance Subject			Yes			

### Entry Requirements

12 credits in ACC200 or at HOF's discretion

### Equipment / Costs

Workbook \$30

### Further Information

Mr Peters

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## Level 2 Business Enterprise (BNT200)

### Description

In Level 2 Business Enterprise students will have the opportunity to set up and run a small business. It is a great opportunity to test your ideas, realise uniqueness, develop strengths, learn about enterprise and possibly make a profit. At the same time, you will earn a qualification in business practice and gain valuable practical experience. In Business Enterprise you will work as part of your own company.

### Content

- Preparing a business plan
- Preparing a business presentation to potential investors
- Producing a product and selling at a Trade Fair
- Preparing an annual report
- Running a business – production, sales, marketing and finances

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
9677 <div>M P S S C</div>	Participate in a team or group which has an objective	2	3	I		
10791 <div>S C</div>	Participate in an informal meeting	2	3	I		
90843 <div>P S C</div>	Demonstrate understanding of the internal operations of a large business	2	4	E	Y	
90846 <div>P S C</div>	Conduct market research for a new or existing product	2	3	I	Y	
90847 <div>S C</div>	Investigate the application of motivation theory in a business	2	3	I	Y	
90848 <div>C</div>	Carry out, review and refine a business activity within a community context with guidance	2	9	I	Y	
TOTAL			25			
Subject Endorsement available in this course			Yes			

### Entry Requirements

Open entry

### Equipment / Costs

Workbook \$25

YES Registration \$60

### Further Information

Mr Peters, Mrs Thomas

## Level 3 Business Enterprise (BNT300)

### Description

In Level 3 Business Enterprise students will have the opportunity to set up and run a small business. It is a great opportunity to test your ideas, realise uniqueness, develop strengths, learn about enterprise and possibly make a profit. At the same time, you will earn a qualification in business practice and gain valuable practical experience. In Business Enterprise you will work as part of your own company.

### Content

- Preparing a business plan
- Preparing a business presentation to potential investors
- Producing a product and selling at a Trade Fair
- Preparing an annual report
- Running a business – production, sales, marketing and finances

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
9681	Contribute within a team or group which has an objective	3	3	I		
9705	Give and respond to feedback on performance	3	3	I		
91379	Demonstrate understanding of how internal factors interact within a business that operates in a global context	3	4	E	Y	R W
91382	Develop a marketing plan for a new or existing product	3	6	I	Y	R
91384	Carry out, with consultation, an innovative and sustainable business activity	3	9	I	Y	R
TOTAL			25			
Subject Endorsement available in this course			Yes			
Approved University Entrance Subject			Yes			

### Entry Requirements

Open entry

### Equipment / Costs

Workbook \$25

YES Registration \$60

### Further Information

Mr Peters, Mrs Thomas

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## Level 2 Economics (EC0200)

### Description

In Level 2 Economics students will consider how New Zealanders are affected by the economic decision-making of individuals, communities, businesses and government agencies in New Zealand and overseas.

### Content

- Analyse Inflation
- International trade
- Analyse Economic Growth
- Use economic models to analyse
- Unemployment
- Analyse two contemporary issues using statistical data

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91222 <b>S</b> <b>C</b>	Analyse inflation using economic concepts and models	2	4	E	Y	W
91223 <b>P</b> <b>S</b> <b>C</b>	Analyse international trade using economic concepts and models	2	4	E	Y	W
91224 <b>S</b> <b>C</b>	Analyse economic growth using economic concepts and models	2	4	E	Y	W
91225 <b>C</b>	Analyse unemployment using economic concepts and models	2	4	I	Y	
91227 <b>S</b> <b>SC</b> <b>C</b>	Analyse how government policies and contemporary economic issues interact	2	6	I	Y	R
TOTAL		22				
Subject Endorsement available in this course		Yes				

### Entry Requirements

L1 Literacy and Numeracy

### Equipment / Costs

Workbooks and Field Trips \$100

### Further Information

Mrs Thomas

## Level 3 Economics (EC0300)

### Description

In Level 3 Economics, students will compare and contrast economic decisions affecting New Zealand in contexts in which resources are scarce and use analytical tools to present justified recommendations about resource issues.

### Content

- Understand market Equilibrium
- Efficiency of different market structures
- Micro economic concepts
- Demonstrate understanding of Government intervention to correct market failures

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91399	Demonstrate understanding of the efficiency of market equilibrium	3	4	E	Y	RW
91400	Demonstrate understanding of the efficiency of different market structures using marginal analysis	3	4	E	Y	RW
91401	Demonstrate understanding of micro-economic concepts	3	5	I	Y	R
91402	Demonstrate understanding of government interventions to correct market failures	3	5	I	Y	R
TOTAL		18				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

### Entry Requirements

UE Literacy, L1 Numeracy

### Equipment / Costs

Workbook \$36

### Further Information

Mrs Thomas

## Level 1 Classical Studies (CLS100)

### Description

A study of Ancient Greece encompassing the art, architecture, literature, philosophy and prominent persons and events of these civilisations.

### Content

- Greek Mythology
- The Trojan War
- The Iliad
- Greek Art and Architecture

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91021 <b>S</b> <b>C</b>	Demonstrate understanding of ideas and values of the classical world	1	4	E	Y
91022 <b>C</b>	Demonstrate understanding of the significance of features of work(s) of art in the classical world	1	4	E	Y
91024 <b>C</b>	Demonstrate understanding of social relationships in the classical world	1	6	I	Y
91025 <b>S</b> <b>C</b>	Demonstrate understanding of links between aspects of the classical world and another culture	1	6	I	Y
<b>TOTAL</b>		<b>20</b>			
<i>Subject Endorsement available in this course</i>		<b>Yes</b>			

### Entry Requirements

Open entry

### Equipment / Costs

Workbooks \$10

### Further Information

Mr Olliver

## Level 2 Classical Studies (CLS200)

### Description

Students study the people, places and events of the classical world and how they influence the modern world. Students engage with literature, languages, art, history, science, technology, religion and philosophy.

### Content

- Greek Tragedy
- Roman Social Life
- Gladiators
- Eruption of Mt Vesuvius
- Pompeian Art and Architecture

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91200 <b>C</b>	Examine ideas and values of the classical world	2	4	E	Y	RW
91201 <b>S</b> <b>C</b>	Examine the significance of features of work(s) of art in the classical world	2	4	E	Y	RW
91202 <b>C</b>	Demonstrate understanding of a significant event in the classical world	2	4	I	Y	R
91204 <b>C</b>	Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	2	6	I	Y	R
<b>TOTAL</b>		<b>18</b>				
<i>Subject Endorsement available in this course</i>		<b>Yes</b>				

### Entry Requirements

L1 Literacy

### Equipment / Costs

Workbooks \$10

### Further Information

Mr Olliver

### Level 3 Classical Studies (CLS300)

**Description**

Students explore community, cultural identity, values and perspectives and think about human behaviour and relationships to appreciate the civilisation of ancient Greece and Rome, the past, the present, and possible futures.

**Content**

- Augustus / Alexander The Great
- Roman Art and Architecture
- Greek Comedy / The Aeneid
- The Roman World

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91395	Analyse the significance of a work(s) of art in the classical world	3	4	E	Y	RW
91396	Analyse the impact of a significant historical figure on the classical world	3	6	E	Y	RW
91397	Demonstrate understanding of significant ideology(ies) in the classical world	3	6	I	Y	R
91398	Demonstrate understanding of the lasting influences of the classical world on other cultures across time	3	6	I	Y	R
TOTAL		22				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

**Entry Requirements**

UE Literacy

**Equipment / Costs**

Workbooks \$10

**Further Information**

Mr Olliver

### Level 1 Geography (GEO100)

**Description**

This course explores the relationships between people and both natural and cultural environments. Geography investigates the ways in which features are arranged on the earth’s surface.

**Content**

- Earthquakes
- NZ Population
- Geographic Skills
- Contemporary Geographic Issues
- Global Geographic study
- Research Project
- Geographic Information Systems

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)	1	4	E	Y
91008	Demonstrate geographic understanding of population concepts	1	4	E	Y
91009	Demonstrate geographic understanding of the sustainable use of an environment	1	3	I	Y
91010	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	1	4	E	
91011	Conduct geographic research, with direction	1	4	I	Y
91012	Describe aspects of a contemporary New Zealand geographic issue	1	3	I	Y
91013	Describe aspects of a geographic topic at a global scale	1	3	I	Y
91014	Apply spatial analysis, with direction, to solve a geographic problem	1	3	I	
TOTAL		28			
Subject Endorsement available in this course		Yes			

**Entry Requirements**

Open entry

**Equipment / Costs**

Vineyard Field Trip \$20

**Further Information**

Mr Thornley

## Level 2 Geography (GEO200)

### Description

At Level 2 this course asks students to study geography in more depth and detail. We spend more time looking at the patterns and processes that create geographic features and environments.

### Content

- Rainforests
- Global Inequalities
- Geographic Skills
- Contemporary Geographic Issue
- Global Geographic Study
- Research Project

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91240 <div><div>P</div><div>S</div></div>	Demonstrate geographic understanding of a large natural environment	2	4	E	Y	RW
91241 <div><div>M</div><div>S</div></div>	Demonstrate geographic understanding of an urban pattern	2	3	I	Y	
91242 <div><div>S</div><div>SC</div></div>	Demonstrate geographic understanding of differences in development	2	4	E	Y	RW
91243 <div><div>P</div><div>S</div><div>C</div></div>	Apply geography concepts and skills to demonstrate understanding of a given environment	2	4	E	Y	
91244 <div><div>S</div><div>C</div></div>	Conduct geographic research with guidance	2	5	I	Y	
91245 <div><div>S</div><div>SC</div><div>C</div></div>	Explain aspects of a contemporary New Zealand geographic issue	2	3	I	Y	
91246 <div><div>P</div><div>S</div></div>	Explain aspects of a geographic topic at a global scale	2	3	I	Y	
TOTAL		26				
Subject Endorsement available in this course		Yes				

### Entry Requirements

L1 Literacy and Numeracy

### Equipment / Costs

Field Trip \$80

### Further Information

Mr Thornley

## Level 3 Geography (GEO300)

### Description

At Level 3 this course focusses on a small number of geographic case studies and ask students to comprehensively study the patterns, processes and interactions that take place within those environments.

### Content

- The Wairau Valley
- Tourism
- Geographic Skills
- Contemporary Geographic Issue
- Global Geographic Study
- Research Project

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	3	4	E	Y	RW
91427	Demonstrate understanding of how a cultural process shapes geographic environment(s)	3	4	E	Y	RW
91428	Analyse a significant contemporary event from a geographic perspective	3	3	I	Y	R
91429	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	3	4	E	Y	RW
91430	Conduct geographic research with consultation	3	5	I	Y	
91431	Analyse aspects of a contemporary geographic issue	3	3	I	Y	R
91432	Analyse aspects of a geographic topic at a global scale	3	3	I	Y	
TOTAL		26				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

### Entry Requirements

UE Literacy and L1 Numeracy

### Equipment / Costs

Field Trips \$40

### Further Information

Mr Thornley

## Level 1 History (HIS100)

### Description

History asks students, and helps them answer, today's question by engaging with the past and imagining and speculating on possible futures. We present students with dilemmas, choices and beliefs of the past.

### Content

- Origins of WW2
- New Zealand in WW2
- Black Civil Rights
- The USA
- Student Choice Topic

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91001 <div><div>S</div><div>SC</div><div>C</div></div>	Carry out an investigation of an historical event, or place, of significance to New Zealanders	1	4	I	Y
91002 <div><div>S</div><div>SC</div><div>C</div></div>	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	1	4	I	Y
91003 <div><div>S</div><div>SC</div><div>C</div></div>	Interpret sources of an historical event of significance to New Zealanders	1	4	E	Y
91004 <div><div>S</div><div>SC</div><div>C</div></div>	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	1	4	I	Y
91005 <div><div>C</div></div>	Describe the causes and consequences of an historical event	1	4	E	Y
TOTAL		20			
Subject Endorsement available in this course		Yes			

### Entry Requirements

Open entry

### Equipment / Costs

Field trip to Wellington \$120

### Further Information

Mr Clark

## Level 2 History (HIS200)

### Description

History connects students with the wider world. Students engage with history at personal, local and international levels. They investigate the histories of their communities, New Zealand and the wider world.

### Content

- NZ in the 20<sup>th</sup> Century
- Student Choice Topics  
The World since 800AD eg Crusaders, French Revolution

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91229 <div><div>S</div><div>C</div></div>	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	2	4	I	Y	R
91230 <div><div>S</div><div>C</div></div>	Examine an historical event or place that is of significance to New Zealanders	2	5	I	Y	R
91231 <div><div>C</div></div>	Examine sources of an historical event that is of significance to New Zealanders	2	4	E	Y	R W
91232 <div><div>C</div></div>	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	2	5	I	Y	R
91233 <div><div>C</div></div>	Examine causes and consequences of a significant historical event	2	5	E	Y	R W
TOTAL		23				
Subject Endorsement available in this course		Yes				

### Entry Requirements

L1 Literacy

### Equipment / Costs

Field Trip \$10

### Further Information

Mr Clark



## Level 3 History (HIS300)

### Description

Students develop their understanding of the nature of historical inquiry. They learn to ask and answer important questions, evaluate evidence, identify and analyse different interpretations of the past, and substantiate their arguments and judgements.

### Content

- New Zealand in the 19<sup>th</sup> Century
- US Civil War
- Student Choice Topic

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91434	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	3	5	I	Y	R
91435	Analyse an historical event, or place, of significance to New Zealanders	3	5	I	Y	R
91436	Analyse evidence relating to an historical event of significance to New Zealanders	3	4	E	Y	R W
91437	Analyse different perspectives of a contested event of significance to New Zealanders	3	5	I	Y	R
91438	Analyse the causes and consequences of a significant historical event	3	6	E	Y	R W
TOTAL			25			
Subject Endorsement available in this course			Yes			
Approved University Entrance Subject			Yes			

### Entry Requirements

UE Literacy

### Equipment / Costs

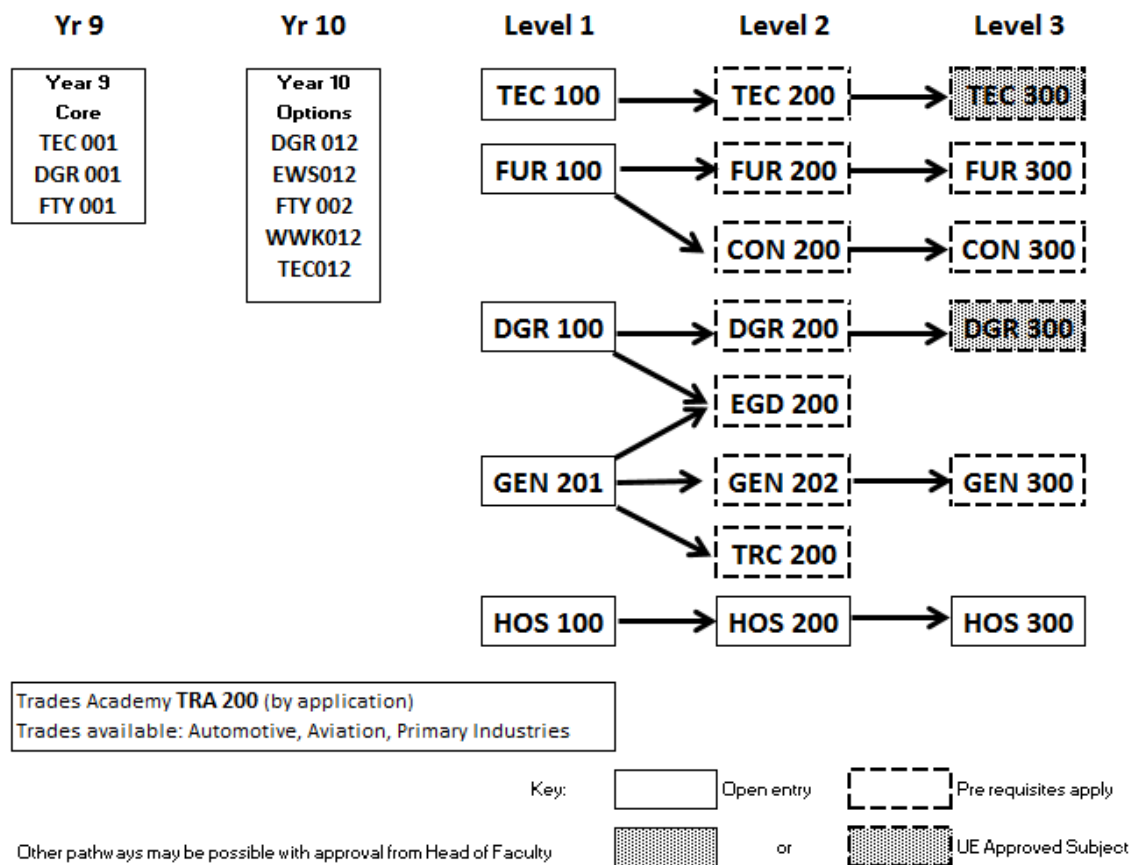
Field Trip \$35

### Further Information

Mr Clark

## TECHNOLOGY FACULTY

Head of Faculty: Mr Breig



## Level 1 Design and Graphics (DGR100)

### Description

A Design Course for students wishing to pursue a career and further study in architecture, spatial design, product design, engineering or other design fields

### Content

- Freehand Design Sketching
- 3D Computer Design and Modelling
- Design Presentation
- Design Development
- Design Principles and Elements
- Influential Designers of the 20<sup>th</sup> Century

### Assessment

standard	Title	Level	Credits	Int / Ext	L1 Lit
91063	Produce freehand sketches that communicate design ideas	1	3	E	
M C I C					
91065	Produce instrumental parallel drawings to communicate design ideas	1	3	E	
M C I C					
91066	Use rendering techniques to communicate the form of design ideas	1	3	I	
M C I C					
91067	Use the work of an influential designer to inform design ideas	1	3	I	
M C I C					
91068	Undertake development of design ideas through graphics practice	1	6	I	
M C I C					
91069	Promote an organised body of design work to an audience using visual communication techniques	1	4	I	Y
M C I C					
TOTAL			22		
Subject Endorsement available in this course			Yes		

### Entry Requirement

Open entry, but DGR012 very strongly advised

### Equipment / Costs

Materials \$30

### Further Information

Mr Rainbird

## Level 2 Design and Graphics (DGR200)

### Description

A Design Course for students wishing to pursue a career and further study in architecture, spatial design, product design, engineering or other design fields.

### Content

- Freehand Design Sketching
- 3D Computer Design and Modelling
- Design Presentation
- Spatial Design Development
- Product Design Development
- Design Evaluation
- Design movement throughout history

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
14995	Construct free-hand drawings for use in furniture making	2	2	I		
M C I C						
14998	Construct isometric and oblique drawings for use in furniture making	3	4	I		
91337	Use visual communication techniques to generate design ideas	2	3	E		
M C I P S C						
91340	Use the characteristics of a design movement or era to inform own design ideas	2	3	I	Y	
M C						
91341	Develop a spatial design through graphics practice	2	6	I	Y	
M C I C						
91342	Develop a product design through graphics practice	2	6	I		
M C I C						
91343	Use visual communication techniques to compose a presentation of a design	2	4	I		
M C I C						
TOTAL			28			
Subject Endorsement available in this course			Yes			

### Entry Requirement

16 credits from DGR100

### Equipment / Costs

Set of watercolour pencils

Materials \$30

### Further Information

Mr Rainbird

Level 3 Design and Graphics (DGR300)

Description

A Design Course for students wishing to pursue a career and further study in architecture, spatial design, product design, engineering or other design fields.

Content

- Freehand Design Sketching
- 3D Computer Design and Modelling
- Design Presentation
- Spatial Design Development
- Product Design Development
- Initiating design ideas

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
14996	Construct working drawings for use in furniture making	3	6	I		
14997	Construct perspective drawings for use in furniture making	3	6	I		
91627	Initiate design ideas through exploration	3	4	E		
91628	Develop a visual presentation that exhibits a design outcome to an audience	3	6	I		
91629	Resolve a spatial design through graphics practice	3	6	I		
91630	Resolve a product design through graphics practice	3	6	I		
TOTAL			34			
Subject Endorsement available in this course			Yes			
Approved University Entrance Subject			Yes			

Entry Requirement

20 credits from DGR200

Equipment / Costs

Set of watercolour pencils  
Materials \$30

Further Information

Mr Rainbird

Level 2 Construction (CON200)

Description

A practical “hands on” course for acquiring the skills and experience of the construction Industry. The course works towards National Certificate in Building, Construction and Allied Trades Skills Level 2.

Content

- Sheds
- Saw Horse
- Shelving
- Power tools

Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
12932	Construct timber garden furniture and items of basic construction equipment as a BCATS project	2	8	I		
24350	Identify, select, maintain, and use portable power tools for BCATS projects	2	6	I		
24357	Receive instructions and communicate information in relation to BCATS projects	2	4	I		
24358	Plan and monitor the construction of a BCATS project, and quality check the product	2	2	I		
TOTAL			20			
Subject Endorsement available in this course			No			

Entry Requirement

10 credits from a Level 1 hard materials subject

Equipment / Cost

Materials \$70

Further Information

Mr Breig

### Level 3 Construction (CON300)

**Description**

This course builds on the experience gained during CON200. Students will be involved in a range of projects, individually and/or as part of a team. This great stepping stone into a building apprenticeship.

**Content**

- Sheds
- Saw Horse
- Shelving
- Power tools

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
29677	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment	3	2	I		
29680	Communicate and work collaboratively in a Stage 3 BCATS project	3	5	I		
29682	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	3	4	I		
29684	Undertake a Stage 3 BCATS project	3	12	I		
TOTAL			23			
Subject Endorsement available in this course			No			
Approved University Entrance Subject			No			

**Entry Requirements**

10 credits from a Level 2 hard materials subject, or by interview with HOF

**Equipment / Costs**

Materials \$65

**Further Information**

Mr Breig, Mr McCloy

### Level 1 Hospitality Studies/Chef Training (HOS100)

National Foundation Certificate in Hospitality Course

**Description**

For students who wish to expand their passion for food and explore a range of recipes demonstrating the standard needed in a commercial kitchen

**Content**

- Finger foods; wontons, quiche, satay, sushi
- Meat cookery: Beef, Pork, Chicken, Lamb, Game
- International dishes. Choice of recipes
- Bake cakes, sponges & scones
- Knowledge and skills; baking, frying & grilling
- Restaurant work and competitions

**Assessment**

Standard	Title	Level	Credits	Int / Ext	L1 Lit
167	Practise food safety methods in a food business under supervision	2	4	I	
<div>S</div> 13271	Cook food items by frying	2	2	I	
<div>S</div> 13276	Cook food items by grilling	2	2	I	
<div>S</div> 15895	Demonstrate knowledge of boiling and baking in the commercial catering industry	1	3	I	
<div>S</div> 15896	Demonstrate knowledge of frying and grilling as cookery methods in the commercial catering industry	1	3	I	
<div>S</div> 15919	Prepare and present hot finger food in the hospitality industry	1	2	I	
<div>S</div> 15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	1	3	I	
<div>S</div> 22234	Compare characteristics of international dishes and prepare and present international dishes	2	4	I	
<div>S</div> 24526	Apply safe working practices in a commercial kitchen	2	4	I	
TOTAL			27		
Subject Endorsement available in this course			No		

**Entry Requirements**

Open entry

**Equipment / Costs**

Costs \$98

**Further Information**

Mrs Brown

## Level 2 Hospitality Studies (HOS200)

National Foundation Certificate in Hospitality

### Description

The focus is professional cookery and barista knowledge involving the cooking of creative meals most lessons to extend and consolidate skills.

### Content

- Recipes include: mixed grill, Thai beef salad, desserts & breads
- International dishes
- Microwaving, steaming, grilling, roasting
- Frying, baking, deep frying, boiling, salads
- Barista and catering for events
- Mystery box and national cookery competitions
- Field trip: Butchery, herb industry, caterer, bar service, winery luncheon

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
167 S	Practise food safety methods in a food business under supervision	2	4	I		
13271 S	Cook food items by frying	2	2	I		
13276 S	Cook food items by grilling	2	2	I		
13278 S	Cook food items by roasting	2	2	I		
13279 S	Cook food items by microwaving	2	2	I		
13280 S	Prepare fruit and vegetable cuts	2	2	I		
13283 S	Prepare and present salads for service	2	2	I		
13285 S	Handle and maintain knives in a commercial kitchen	2	2	I		
13343	Demonstrate knowledge of basic nutrition in commercial catering	3	5	I		
22234 S	Compare characteristics of international dishes and prepare and present international dishes	2	4	I		
24526 S	Apply safe working practices in a commercial kitchen	2	4	I		
TOTAL		31				
Subject Endorsement available in this course		No				

### Entry Requirements

Open entry

### Equipment / Costs

Cost \$150

### Further Information

Mrs Brown

## Level 3 Hospitality Studies (HOS300)

### Description

This professional cookery course reduces the amount of apprenticeship and polytechnic training required to complete tertiary qualifications.

### Content

- Cocktail food, pies, breads, biscuits
- Pickles and sauces for meat and meals
- Complex sandwiches, paninis and BLT
- Hospitality industry experience, competitions
- Plan and manage restaurant and catering
- Field trip: Industries; chocolate, coffee, catering processes at a hospital

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
167 S	Practise food safety methods in a food business under supervision	2	4	I		
168	Demonstrate knowledge of food contamination hazards, and control methods used in a food business	3	4	I		
13282	Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	3	2	I		
13331	Prepare and cook pickles, chutneys, and preserves in a commercial kitchen	3	4	I		
13333	Prepare and present cold cocktail food in a commercial kitchen	3	4	I		
13343	Demonstrate knowledge of basic nutrition in commercial catering	3	5	I		
14725	Prepare and mix biscuit doughs using manual production methods	3	10	I		
15146	Prepare, mix, shape, and fry deep-fried bakery products	3	3	I		
91466 Optional	Investigate a nutritional issue affecting the well-being of New Zealand society	3	5	I	Y	R
TOTAL (excl. Optional)		36				
Subject Endorsement available in this course		No				
Approved University Entrance Subject		No				

### Entry Requirement

Open entry

### Equipment / Costs

Chef's uniforms and knife sets are supplied

Cost \$150

### Further Information

Mrs Brown

## Level 1 Furniture Making (FUR100)

Entry Level Course for Y11 Students

### Description

This course is aimed at developing fine woodworking skills through the production of a number of projects. The focus of the course is hands-on and practical. Year 11 students can choose this course as a prelude to FUR200/CON200 in the following year.

### Content

- Design principles of aesthetics and function
- Woodworking skills
- Joinery
- Furniture construction

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
12927 M P	Identify, select, maintain, and use hand tools for BCATS projects	2	6	I	
24355 M P	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	1	4	I	
24356 M P	Apply elementary workshop procedures and processes for a BCATS project	1	8	I	
25919 P	Use hardware and fastenings for a BCATS project	1	2	I	
24352 Optional M P	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	1	2	I	
TOTAL (excl. Optional)		20			
Subject Endorsement available in this course		No			

### Entry Requirement

Open entry

### Cost

\$75.00

### Further Information:

Mr Breig

## Level 2 Furniture Making (FUR200)

### Description

This course will suit students who wish to develop a range of practical woodwork skills to a high standard.

### Content

- Woodworking skills
- Furniture construction
- Materials
- Hardware

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
24351 M	Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS projects	2	6	I		
24354 M	Demonstrate knowledge of and apply safe working practices in a BCATS environment	2	4	I		
24360 M P	Demonstrate knowledge of timber and other construction materials used in BCATS projects	2	5	I		
25921	Make a cupboard as a BCATS project	2	6	I		
TOTAL		21				
Subject Endorsement available in this course		No				

### Entry Requirement

12 credits from a Level 1 Hard Materials Technology subject

### Equipment / Costs

\$90.00

### Further Information

Mr Breig

## Level 3 Furniture Making (FUR300)

### Description

This course will appeal to students who are interested in building and construction or furniture making either as a hobby or career option.

### Content

- Woodworking skills
- Design principles of aesthetics and function
- Furniture construction
- Stains and finishes

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
14998	Construct isometric and oblique drawings for use in furniture making	3	4	I		
25524	Apply stains to furniture surfaces using wiping methods	3	3	I		
M CI	25533	Assemble non-show wood lounge chair or settee frames	3	5	I	
	25537	Set a bandsaw to cut furniture components	3	4	I	
TOTAL		16				
Subject Endorsement available in this course		No				
Approved University Entrance Subject		No				

### Entry Requirement

12 Credits from a Level 2 Hard Materials Technology subject

### Equipment / Costs

\$90.00

### Further Information

Mr Breig

## Level 2 General Engineering (GEN201)

Entry Level Course for Y11 Students

### Description

The course is designed to allow students considering engineering occupations an opportunity to gain credits towards the National Certificate of Engineering (Mechanical Level 2).

### Content

- Engineering hand tools.
- Simple engineering marking out tools
- Introduction to engineering machine tools
- Introduction to engineering materials

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
2395	Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools	2	4	I		
CI P	2396	Demonstrate and apply knowledge of the selection, use, and care of portable hand held engineering power tools	2	4	I	
CI P	4433	Select, use, and care for simple measuring devices used in engineering	1	2	I	
CI P	4434	Demonstrate knowledge of basic geometric form in engineering	1	1	I	
CI	4436	Select, use, and care for engineering marking-out equipment	2	4	I	
CI P	20917	Demonstrate basic knowledge of engineering materials	2	2	I	
CI	21909	Demonstrate knowledge of fasteners used in mechanical engineering	2	1	I	
CI	21911	Demonstrate knowledge of safety on engineering worksites	2	2	I	
M CI P S SC C	497 Optional	Demonstrate knowledge of workplace health and safety requirements	1	3	I	
TOTAL (excl. Optional)		20				
Subject Endorsement available in this course		No				

### Entry Requirement

Open entry

### Equipment / Costs

\$30

### Further Information

Mr McLean



## Level 2 General Engineering (GEN202)

### Description

The course is designed to allow students considering engineering occupations an opportunity to gain credits towards the National Certificate of Engineering (Mechanical Level 2).

### Content

- Engineering power tools
- Complex measuring devices
- Engineering machine tools (Lathe-Mill-Drill)
- Engineering materials

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
2396 CI P	Demonstrate and apply knowledge of the selection, use, and care of portable hand held engineering power tools	2	4	I		
4435 CI	Select, use, and care for engineering dimensional measuring equipment	2	3	I		
20799	Demonstrate knowledge of common engineering metals	3	4	I		
21906 CI	Perform basic mechanical engineering machining operations under supervision	2	12	I		
21908 Optional CI	Demonstrate knowledge of basic mechanics for mechanical engineering trades	2	3	I		
TOTAL (excl. Optional)			23			
Subject Endorsement available in this course			No			

### Entry Requirement

10 credits GEN201 or by arrangement with Head of Faculty

### Equipment / Costs

\$30

### Further Information

Mr McLean

## Level 2 Engineering Drawing (EDG200)

### Description

The course is designed to allow students considering undertaking engineering occupations an opportunity to gain further credits towards the National Certificate of Engineering (Mechanical Level 2).

### Content

- Sketching
- CAD (Computer aided drawing)
- Geometric constructions
- Mechanical drawing
- Limits and fits

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
2430 CI	Manually produce and interpret engineering sketches under supervision	2	4	I		
2431 CI	Manually produce and interpret simple engineering component drawings under supervision	2	8	I		
2432 CI	Manually construct plane geometric shapes for engineering	2	3	I		
2433 M CI	Produce engineering component drawings using CAD software	2	6	I		
4438 CI	Demonstrate knowledge of fits, limits, and tolerances in engineering	2	2	I		
14995 Optional M CI C	Construct free-hand drawings for use in furniture making	2	2	I		
TOTAL (excl. Optional)			23			
Subject Endorsement available in this course			No			

### Entry Requirement

10 Credit in either DGR100, FUR100, GEN201 or by Approval of Mr Rainbird

### Equipment / Costs

Material and equipment \$20

### Further Information

Mr Rainbird

### Level 3 General Engineering (GEN300)

#### Description

The course is designed to allow students considering engineering occupations an opportunity to gain further credits towards the National Certificate of Engineering (Mechanical Level 2).

#### Content

- Welding safety and basic welding procedures
- Brazing and soldering
- Engineering tools and machines as required
- Material quantity calculations

#### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
2396	Demonstrate and apply knowledge of the selection, use, and care of portable hand held engineering power tools	2	4	I		
2678	Join metals using the oxyacetylene welding process	3	6	I		
2679	Join metals using the torch brazing and soldering processes	3	6	I		
16955	Calculate sizes, mass, volumes, and quantities for fabrication	3	4	I		
20799	Demonstrate knowledge of common engineering metals	3	4	I		
21907	Demonstrate and apply knowledge of safe welding principles and quality assurance under supervision	2	4	I		
TOTAL		28				
Subject Endorsement available in this course		No				
Approved University Entrance Subject		No				

#### Entry Requirement

Open entry

#### Equipment / Costs

\$30

#### Further Information

Mr McLean

### Level 1 Technology (TEC100)

#### Description

For the student who can use creativity, knowledge and skill to design new solutions for a specific need or opportunity.

#### Content

- Brief development.
- Planning tools
- Design principles of aesthetics and function
- Testing, trialling, modelling and prototyping
- Outcome development and evaluation

#### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit
91044	Undertake brief development to address a need or opportunity	1	4	I	Y
91045	Use planning tools to guide the technological development of an outcome to address a brief	1	4	I	
91047	Undertake development to make a prototype to address a brief	1	6	I	
91048	Demonstrate understanding of how technological modelling supports decision-making	1	4	E	Y
91057	Implement basic procedures using resistant materials to make a specified product	1	6	I	
TOTAL		24			
Subject Endorsement available in this course		Yes			

#### Entry Requirement

Open entry

#### Equipment / Costs

\$55.00

#### Further Information

Mr Breig

## Level 2 Technology (TEC200)

### Description

Technology at Level 2 builds upon the work done at Level 1. The subject follows a similar path but in far greater depth and with more independence.

### Content

- Brief development.
- Planning tools and methods
- Design principles of aesthetics and function
- Testing, trialling, modelling and prototyping
- Outcome development and evaluation

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91344	Implement advanced procedures using resistant materials to make a specified product with special features	2	6	I		
M CI C						
91354	Undertake brief development to address an issue	2	4	I	Y	
M CI P C						
91355	Select and use planning tools to manage the development of an outcome	2	4	I		
M CI P S C						
91357	Undertake effective development to make and trial a prototype	2	6	I		
M CI P C						
91358	Demonstrate understanding of how technological modelling supports risk management	2	4	E	Y	
M CI						
91359 Optional	Demonstrate understanding of the role of material evaluation in product development	2	4	E	Y	
M CI P C						
TOTAL (excl. Optional)		24				
Subject Endorsement available in this course		Yes				

### Entry Requirements

14 Level 1 Technology credits

### Equipment / Costs

\$65.00

### Further Information

Mr Breig

## Level 3 Technology (TEC300)

### Description

Technology at Level 3 builds upon the work done at Level 2 and acts as a great stepping stone for the independence needed when leading into tertiary education or technology based occupations.

### Content

- Brief development
- Project management
- Design principles of aesthetics and function
- Testing, trialling, modelling and prototyping
- Outcome development and evaluation

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
91608	Undertake brief development to address an issue within a determined context	3	4	I	Y	
91609	Undertake project management to support technological practice	3	4	I	Y	
91611	Develop a prototype considering fitness for purpose in the broadest sense	3	6	I	Y	
91612	Demonstrate understanding of how technological modelling supports technological development and implementation	3	4	E	Y	W
91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	3	6	I		
91613 Optional	Demonstrate understanding of material development	3	4	E	Y	W
TOTAL (excl. Optional)		24				
Subject Endorsement available in this course		Yes				
Approved University Entrance Subject		Yes				

### Entry Requirement

14 Level 2 Technology credits

### Equipment / Costs

\$65.00

### Further Information

Mr Breig

## Level 2 Trade Calculations (TRC200)

### Description

This course is suitable for students who are taking Engineering, Furniture and other Trades based courses in Year 12. It is designed to help students working towards components of these courses.

### Content

- Conversion of units of measure used in the trades
- Mathematics and mechanics for electrical trades

### Assessment

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
4432	Demonstrate knowledge of, and convert, units of measure used in engineering	2	2	I		
15847 M CI	Demonstrate knowledge of mathematics and mechanics for electrical trades	2	4	I		
21905 CI	Demonstrate knowledge of trade calculations and units for mechanical engineering trades	2	6	I		
21908 CI	Demonstrate knowledge of basic mechanics for mechanical engineering trades	2	3	I		
16231 Optional M CI	Calculate lengths, areas, and costs and percentages of waste for furniture making	2	3	I		
TOTAL (excl. Optional)			15			
Subject Endorsement available in this course			No			

### Entry Requirement

Level 1 Numeracy and be studying Engineering, Trades or Furniture courses at Level 2, or after consultation with Head of Faculty.

### Equipment / Costs

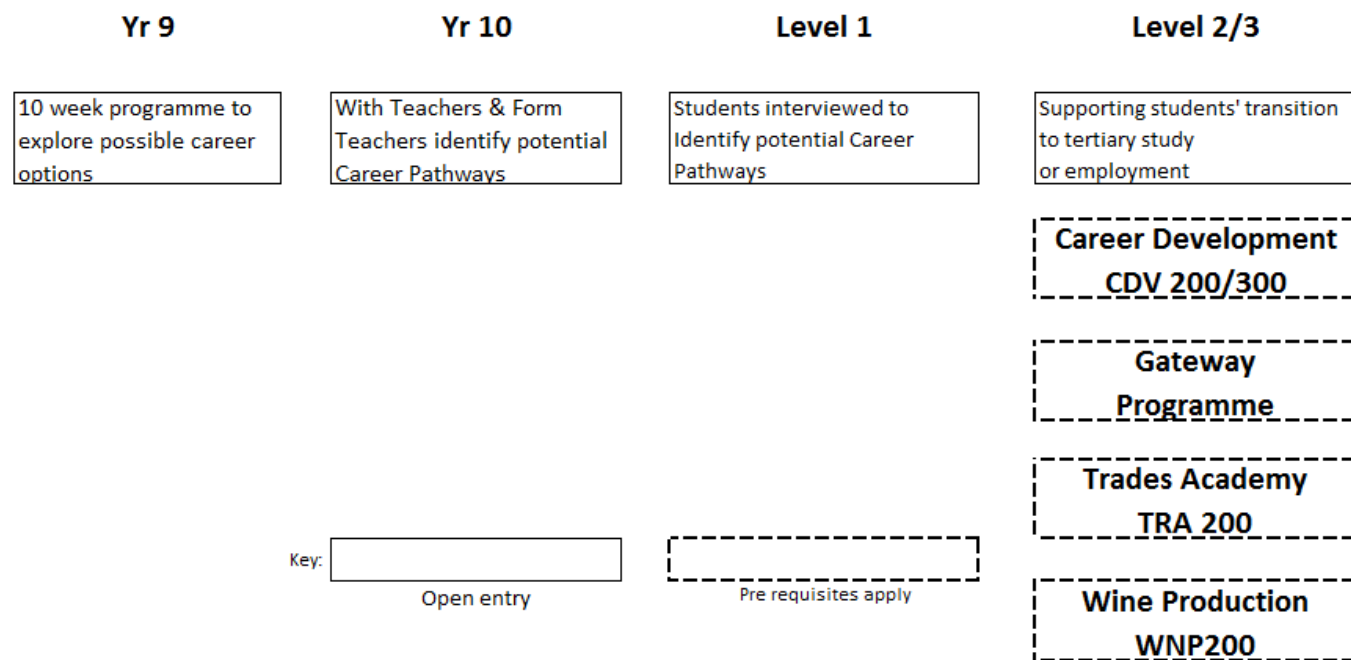
Nil

### Further Information

Mr Breig

## TRANSITION AND CAREERS FACULTY

Head of Faculty: Mr Ryan



## Level 2/3 Career Development Programme (CDV 200/300)

### Description

A course to assist people to develop a career.

### Content

- An introductory core of employment skills
- Support with choosing a career-relevant course
- The opportunity to apply for the Gateway programme
- The opportunity to apply for the Trades Academy
- Self-paced and self-managed learning

### Assessment

All students are required to complete a core of Vocational Unit Standards. Other assessments will depend on the programme studied. Most will be at Level 2 or 3.

#### CDV200 – Core Standards

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
497	Demonstrate knowledge of workplace health and safety requirements	1	3	I		
4248	Describe requirements and expectations faced by employees within the workplace	1	3	I		
12383	Explore career options and their implications	2	3	I		
TOTAL		9				
Subject Endorsement available in this course		No				

#### CDV300 – Core Standards

Standard	Title	Level	Credits	Int / Ext	L1 Lit	UE Lit
4251	Plan a career pathway	3	2	I		
TOTAL		2				
Subject Endorsement available in this course		No				
Approved University Entrance Subject		No				

### Entry Requirements

Year 12/13 students  
NCEA Level 1 literacy and numeracy

### Equipment / Costs

\$40 for supplementary resources

**Further Information** Mrs Fletcher

## Gateway

### Description

An additional programme where students who are in the Career Development Programme work one day per week in the industry of their choice.

### Content

- Work experience and associated industry unit standards.
- Preparation for employment

### Entry Requirements

Year 12/13 students who are work-ready  
Level 1 literacy and numeracy  
Subject to Application and Interview

### Equipment / Costs

\$ 60 for work boots where necessary

### Further Information

Mr Ryan

## Trades Academy

### Description

A programme of study undertaken one day a week at Nelson/Marlborough Institute of Technology.

### Courses Available

- Automotive Engineering
- Hairdressing
- Primary Industry
- Aviation Engineering

### Entry Requirements

Year 12/13 students  
Level 1 literacy and numeracy  
Application

### Equipment / Costs

None

### Further Information

Mr Ryan

## Level 2 New Zealand School of Wine Production (WNP200)

### Description

This one of a kind New Zealand first course focuses on teaching the skills and content that will make you employable in the industry. You will be working alongside mentors from some of the biggest wineries in the country. Students will be able to achieve Level 2 NCEA from 3 subjects Wine Production, Wine Business and Viticulture Practices. These 3 subjects will cover standards in Geography, English, Mathematics, Chemistry and Biology. You will have outside providers coming in to teach you critical Industry qualifications. For those students with tertiary aspiration we are looking to develop a 300 level course or students can revert back into a mainstream 300 programme.

### Content

- GrowSafe Certification
- Health and Safety
- Team building and leadership
- On the job experience every week

### Assessment includes

91240	Demonstrate geographic understanding of a large natural environment	Geography
91157	Demonstrate understanding of genetic variation and change	Biology
91161	Carry out quantitative analysis	Chemistry
91226	Analyse statistical data relating to two contemporary economic issues	Economics
91179	Demonstrate understanding of an accounts receivable subsystem for an entity	Accounting
91101	Produce a selection of crafted and controlled writing	English

### Entry Requirements

L1 NCEA

### Equipment/Costs

Nil

### Further Information

Mr Ryan