



**GREYMOUTH**  
High School  
Te Kura Tuārua O Māwheroa

# Senior Curriculum 2019





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# Introduction

**This book is designed to help you plan your courses for next year and beyond. As you enter and move through the senior school it is vital that you carefully consider what courses will enable you to progress on your desired pathway.**

At Greymouth High School, we endeavour to provide our students with a flexible curriculum and we try hard to cater for all types of course combinations, so that students can be confident about being able to study the type of course they wish, year by year. Please take your time reading through this booklet as your choice of course will largely dictate our options structure and you are asked to consider carefully and select from the courses open to you.

In Year 11, English and Mathematics make up the compulsory core and you are also able to choose FOUR more subjects from a wide range of option subjects. In Year 12, with the exception of English, you are largely free to choose FIVE more courses that you wish to take. In Year 13 students are free to choose 5 or 6 subjects, however it is important that the programmes that you choose are best suited to your academic ability and future plans.

## Entry Requirements

In Years 11, 12 and 13 class placement depends mainly on the choice of subjects and on students having met specific entry requirements. These entry requirements set a minimum level of performance on which a student is able to base study in a particular year and are designed to guide, not limit, students' choices. Where a particular requirement is stated, a student is expected to meet that in order for their selection to be approved.

## Class Sizes and Subject Selection

It is very important that the level of staffing we have matches the demand for subjects. Option subjects will operate only if they meet a suitable class size. While we hope that it does not occur, it is possible that some students may not get all of their preferred options, and this is why you must provide more than the minimum number when making your selections.

## Decision Making

Students and parents should read this book and keep it for future reference. It is important to discuss option choices before making a final selection. Keep in mind the information and the advice provided here on courses and on making a good career choice. We work hard to provide a course of study that meets the needs of each and every student and consultation and guidance are available. For Years 10, 11 and 12 students and parents, please note that Course options for 2019 are due in on Friday 14th September. Returns after this date will likely mean that an alternative course will have to be chosen. The same will apply to any student who wishes to change options later on. Changes are possible only if the courses are not full and if the new choices fit the option lines. If a student changes their mind about options after the completion of the timetable, it may not be possible to accommodate those changes.



# Key Staff

## Senior Management

Principal - Mr. Andy England  
Deputy Principal - Mr. Scott Bermingham  
Deputy Principal - Ms Roz Stuart  
Assistant Principal - Ms Sarah Quinnell  
Executive Officer - Ms Raewyn McKnight

## Heads of Department

Arts Department - Mr Andrew Dempster  
Business Studies - Ms Susi Thompson  
English - Ms Sandra Quick  
Mathematics - Mrs Jayne Wheeler  
Physical Education - Ms Rosa Cooper  
Science - Mrs Morag Newberry  
Social Science - Ms Angela Seyb  
Technology - Mrs Shelly Chapman  
Careers - Mr John De Goldi  
Assisted Learning - Mrs Annette Jones

## Deans

Year 11: Mr Merv Ellis  
Year 12: Mr John De Goldi  
Year 13: Mr John De Goldi



# Curriculum Statement

**Greymouth High School's vision is: The heart of learning in our thriving community.**

This means we work towards being a welcoming school with high achievement for all learners, based on strong relationships and values throughout our community, where every learner develops qualities to make a positive difference throughout their lives. In this way, we will play a key role in the Grey District's future.

Our curriculum is designed to meet the needs of our students. We endeavour to cater for our students' diverse interests, abilities, passions, strengths and needs to enable personal excellence.

Our curriculum practice is underpinned by and consistent with the NZC through encouraging, modelling and exploring the values:

## **Akoranga**

A learning community in which relationships allow for both student and teacher to be learners and teachers

## **Respect**

Showing respect by caring for self, each other, guests and our environment

## **Community**

Strong and positive relationships throughout our school community, with associated rights and responsibilities, giving a sense of belonging

## **Hauora**

Valuing the wellbeing of everyone in our school community



# Vocational Pathways

Vocational Pathways Education is designed to ensure all learners are engaged in relevant, meaningful education to raise levels of achievement and enable more successful transitioning to higher levels of education. It is valuable for all students to find out which pathway they are best suited to in order to help them make more informed choices about further study or training.

## The six Vocational Pathways are:

- Primary Industries
- Services Industries
- Social & Community Services
- Manufacturing & Technology
- Construction & Infrastructure
- Creative Industries



Achieving NCEA Level 2 is the foundation for success in further education and the world of work. The Vocational Pathways provides a framework for you to show how your learning and achievement is valued in the workplace.

**Level 2 Vocational Pathways Award** This is a real advantage when looking for work and training opportunities in the sector.

Student must fulfil the following to gain a VPA.

- Achieve NCEA Level 2
- Meet the NCEA Literacy and Numeracy requirements (10 Numeracy/10 Literacy)
- Gain 60 Level 2 credits from recommended standards (R) including - At least 20 Level 2 credits from sector-related (SR) standards.

NCEA Level 2 (or equivalent) is the minimum qualification that you need to achieve to show that you are ready to enter and progress to further study, training or work. Achieving NCEA Level 2 with Vocational Pathways means you have some interest, knowledge and skills related to industry.

# Guide to National Certificate in Educational Achievement

NCEA is New Zealand's main national qualification for secondary school students and is part of the National Qualifications Framework (NQF). Subjects are organised in standards that are designed to assess how well students perform in different skill and knowledge areas. When a student achieves a standard they gain credits on the NQF.

The NQF contains two types of national standards: Achievement Standards and Unit Standards. Credits from all Achievement Standards and Unit Standards count towards NCEA.

**Achievement Standards** may be internally or externally assessed. External Assessment is by NZQA at the end of the school year. Internal assessment of Achievement Standards is done by subject teachers throughout the year in such form as tests, project work, practical work and performances. Achievement Standards results are reported as follows: "Achieved", "Achieved with Merit", "Achieved with Excellence" or "Not Achieved".

**Unit Standards** are all internally assessed and also earn credits on the NQF. Some Unit Standards are linked to tertiary or vocational industry-based courses. Unit Standards are assessed on the basis of meeting the required standard and therefore the result will be shown as "Achieved" or "Not Achieved". In some standards, however, the Merit and Excellence level is offered.

NCEA LEVEL 1 80 credits at Level 1 or higher	NCEA LEVEL 2 80 credits	NCEA LEVEL 3 80 credits
Include: <ul style="list-style-type: none"><li>• 10 credits from literacy Standards;</li><li>• 10 credits from numeracy Standards.</li></ul>	Include: <ul style="list-style-type: none"><li>• at least 60 credits at Level 2 or higher and 20 credits at any other level (these may include credits that counted towards the Level 1 certificate);</li><li>• students should also plan to gain UE literacy</li></ul>	Include: <ul style="list-style-type: none"><li>• at least 60 credits at Level 3 or higher and 20 credits at Level 2 or higher (these may include credits that counted towards the Level 2 certificate);</li></ul>



Certificate Endorsement	Course Endorsement	Scholarship
<ul style="list-style-type: none"> <li>• If a student gains 50 credits at Excellence, their NCEA certificate will be endorsed with Excellence.</li> <li>• Likewise, if a student gains 50 credits at Merit, their NCEA Merit.</li> <li>• Credits earned can count towards an endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above. e.g. Level 2 credits will count towards endorsement of Level 1 NCEA but Level 1 credits will not count towards endorsement of Level 2 NCEA.</li> <li>• The Record of Achievement shows the endorsement awards.</li> </ul>	<ul style="list-style-type: none"> <li>• Course endorsement provides recognition for a student who has performed exceptionally well in an individual subject.</li> <li>• Students will gain an endorsement for a course if, in a single school year, they achieve:</li> <li>• 14 or more credits at Merit or Excellence, and</li> <li>• At least 3 of the credits are from externally assessed standards and 3 from internally assessed standards.</li> </ul> <p>Note: this does not apply to Physical Education and Level 3 Visual Arts</p>	<ul style="list-style-type: none"> <li>• Scholarship is an extra, monetary award available to students who are high achievers in a Year 13 subject.</li> <li>• Assessment is by way of an extra exam, or submission of work, usually in advance of excellence at Level 3.</li> <li>• It does not attract credits or contribute towards a qualification but the fact that a student has gained a Scholarship appears on the Record of Achievement.</li> <li>• Scholarship examinations enable students to be assessed against challenging standards, and are demanding for the most able students.</li> <li>• Subjects that offer Scholarship are labelled.</li> </ul>

# University Entrance Requirement

## NCEA Level 3

14 Credits at Level 3 in each of three subjects from the list of approved subjects.

## Numeracy

10 credits at Level 1 and above from specific achievement standards, or 3 specific numeracy unit standards (22623, 267626, 26627 – all 3 required)

## Literacy

10 credits (5 in reading and in 5 in writing) at Level 2 and above from specific standards as indicated on course outline.

UE literacy can be achieved over two years (Level 2 and Level 3). Students should check course structures they intend to pursue to identify those courses and standards that will provide them with the required 5 writing and 5 reading credits for UE.

Approved Subject	Achievement Standards
Accounting	91404, 91405, 91406, 91407, 91408, 91409
Agriculture & Horticulture	91528, 91529, 91530, 91531, 91532
Biology	91601, 91602, 91603, 91604, 91605, 91606, 91607, 91818, 91819
Business Studies	91380, 91382, 91384, 91379, 91381, 91383, 91385, 91869, 91870, 91871
Calculus	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587
Chemistry	91387, 91388, 91389, 91390, 91391, 91392, 91393
Chinese	91533, 91534, 91535, 91536, 91537
Classical Studies	91394, 91395, 91396, 91397, 91398
Construction and Mechanical Technologies	91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91643, 91644 (Processing Technologies), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau)
Cook Islands Māori	91538, 91539, 91540, 91541, 91542
Dance	91588, 91589, 91590, 91591, 91592, 91593, 91594, 91595, 91850, 91851, 91852, 91853, 91854
Design (Practical Art)	91440, 91445, 91450, 91455, and 91460, 91855, 91856, 91857, 91858, 91859

Approved Subject	Achievement Standards
Design and Visual Communication	91627, 91628, 91629, 91630, 91631 (DVC), and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech) and 91643, 91644 (Processing Tech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau)
Digital Technologies	91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91627, 91628, 91629, 91630, 91631 (DVC) and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT) and 91643, 91644 (Processing Tech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau)
Drama	91512, 91513, 91514, 91515, 91516, 91517, 91518, 91519, 91520, 91850, 91851, 91852, 91853, 91854
Earth and Space Science	91410, 91411, 91412, 91413, 91414, 91415
Economics	91399, 91400, 91401, 91402, 91403, 91829
Education for Sustainability	90828, 90831, 90832, 91735, 91736, 91813, 91814, 91820, 91827, 91831
English	91472, 91473, 91474, 91475, 91476, 91477, 91478, 91479, 91480
French	91543, 91544, 91545, 91546, 91547
Geography	91426, 91427, 91428, 91429, 91430, 91431, 91432, 91433
German	91548, 91549, 91550, 91551, 91552
Hangarau	See Hangarau/Technology below
Hauora*	91461, 91462, 91463, 91464, 91465 (Health Education), 91466, 91467, 91468, 91469, 91470, 91471 (Home Economics), and 91498, 91499, 91500, 91501, 91502, 91503, 91504, 91505, 91789 (Physical Education), 91811, 91812, 91813, 91814, 91815, 91816 (Hauora)
Health Education	91461, 91462, 91463, 91464, 91465, 91811, 91815, 91816
History	91434, 91435, 91436, 91437, 91438, 91439, 91830, 91834, 91835
History of Art	91482, 91483, 91484, 91485, 91488, 91486, 91487, 91489, 91855, 91856, 91857, 91858, 91859
Home Economics	91466, 91467, 91468, 91469, 91470, 91471
Indonesian	91645, 91646, 91647, 91648, 91649
Japanese	91553, 91554, 91555, 91556, 91557
Korean	91558, 91559, 91560, 91561, 91562
Latin	91506, 91507, 91508, 91509, 91510, 91511

Approved Subject	Achievement Standards
Mathematics/ Pāngarau	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587 and 91580, 91581, 91582, 91583, 91584, 91585, 91586
Media Studies	91490, 91491, 91492, 91493, 91494, 91495, 91496, 91497
Music Studies	91417, 91418, 91419, 91421, 91424, 91416, 91420, 91422, 91423, 91425, 91860, 91861, 91862, 91863, 91864
Ngā Mahi a te Rēhia*	91850, 91851, 91852, 91853, 91854 (Ngā Mahi a te Rēhia), 91588, 91589, 91590, 91591, 91592, 91593, 91594, 91595 (Dance), 91512, 91513, 91514, 91515, 91516, 91517, 91518, 91519, 91520 (Drama), 91417, 91418, 91419 (Music Studies)
Ngā Toi*	91850, 91851, 91852, 91853, 91854 (Ngā Mahi a te Rēhia); 91855, 91856, 91857, 91858, 91859 (Ngā Toi Ataata); 91860, 91861, 91862, 91863, 91864 (Ngā Toi Puoro)
Ngā Toi Ataata*	91855, 91856, 91857, 91858, 91859 (Ngā Toi Ataata), 91482, 91483, 91484, 91485, 91488 (History of Art), 91440, 91445, 91450, 91455 (Visual Arts Design), 91441, 91446, 91451, 91456 (Painting), 91442, 91447, 91452, 91457 (Photography), 91443, 91448, 91453, 91458 (Printmaking), 91444, 91449, 91454, 91459 (Sculpture), and 91460 (Visual Arts), 91490, 91494, 91495 (Media Studies)
Ngā Toi Puoro*	91860, 91861, 91862, 91863, 91864 Ngā Toi Puoro (Music), 91512, 91513 (Drama), 91417, 91418, 91419, 91421, 91424 (Music Studies)
Pāngarau	See Mathematics/Pāngarau above
Painting (Practical Art)	91441, 91446, 91451, 91456, and 91460, 91855, 91856, 91857, 91858, 91859
Photography (Practical Art)	91442, 91447, 91452, 91457 and 91460, 91855, 91856, 91857, 91858, 91859
Physical Education	91498, 91499, 91500, 91501, 91502, 91503, 91504, 91505, 91789, 91812
Physics	91521, 91522, 91523, 91524, 91525, 91526, 91527
Printmaking (Practical Art)	91443, 91448, 91453, 91458, and 91460, 91855, 91856, 91857, 91858, 91859
Processing Technologies	91643, 91644 (Processing Tech), and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau)
Pūtaiao	See Science/Pūtaiao below
Science/Pūtaiao	91601, 91602, 91603, 91604, 91605, 91606, 91607 (Biology), and 91387, 91388, 91389, 91390, 91391, 91392, 91393 (Chemistry), and 91410, 91411, 91412, 91413, 91414, 91415 (Earth and Space Science), and 90828, 90831, 90832, 91735, 91736 (Education for Sustainability), and 91521, 91522, 91523, 91524, 91525, 91526, 91527 (Physics), and 91818, 91819, 91820, 91821 (Pūtaiao)



Approved Subject	Achievement Standards
Religious Studies	90825, 90826, 90827, 91725
Samoan	91563, 91564, 91565, 91566, 91567
Sculpture (Practical Art)	91444, 91449, 91454, 91459, and 91460, 91855, 91856, 91857, 91858, 91859
Social Studies	91596, 91597, 91598, 91599, 91600, 91826, 91828, 91832, 91833, 91834, 91835
Spanish	91568, 91569, 91570, 91571, 91572
Statistics	91580, 91581, 91582, 91583, 91584, 91585, 91586
Technology/ Hangarau	91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91643, 91644 (Processing Tech), 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau)
Te Reo Māori	91650, 91651, 91652, 91653, 91654
Te Reo Rangatira	91803, 91804, 91805, 91806, 91807, 91808, 91809, 91810, 91817
Tikanga ā-lwi*	91826, 91827, 91828, 91829, 91830, 91831, 91832, 91833, 91834, 91835
Tongan	91679, 91680, 91681, 91682, 91683

# Subject Planner Tool

When choosing senior courses, the planning sheet may be a useful tool. Complete it in consultation with your parents, whānau teacher and subject teacher.

**Note University Entrance requires Level 2 Literacy 5 credits writing and 5 credits reading.  
Please ensure your courses will provide this over Level 2/3**

**Start here**

When I leave school I hope to

Do a degree at Uni or Polytech

The degree will possibly be in

For this I will need NCEA Level 3/UE in:

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. Study

So in Year 12 I need or am taking English plus...

2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. \_\_\_\_\_

In Year 11 English and Maths are compulsory

3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. \_\_\_\_\_

Do a Diploma or Certificate at Polytech or some other training

The training will possibly be in

For this I will need Year 13

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. Study

So in Year 12 I need or am taking now

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_

In Year 11 I need/or have taken

3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. \_\_\_\_\_

Get a job immediately

As a

Research [www.careers.govt.nz](http://www.careers.govt.nz)

Don't know

So I must keep my course as general as possible

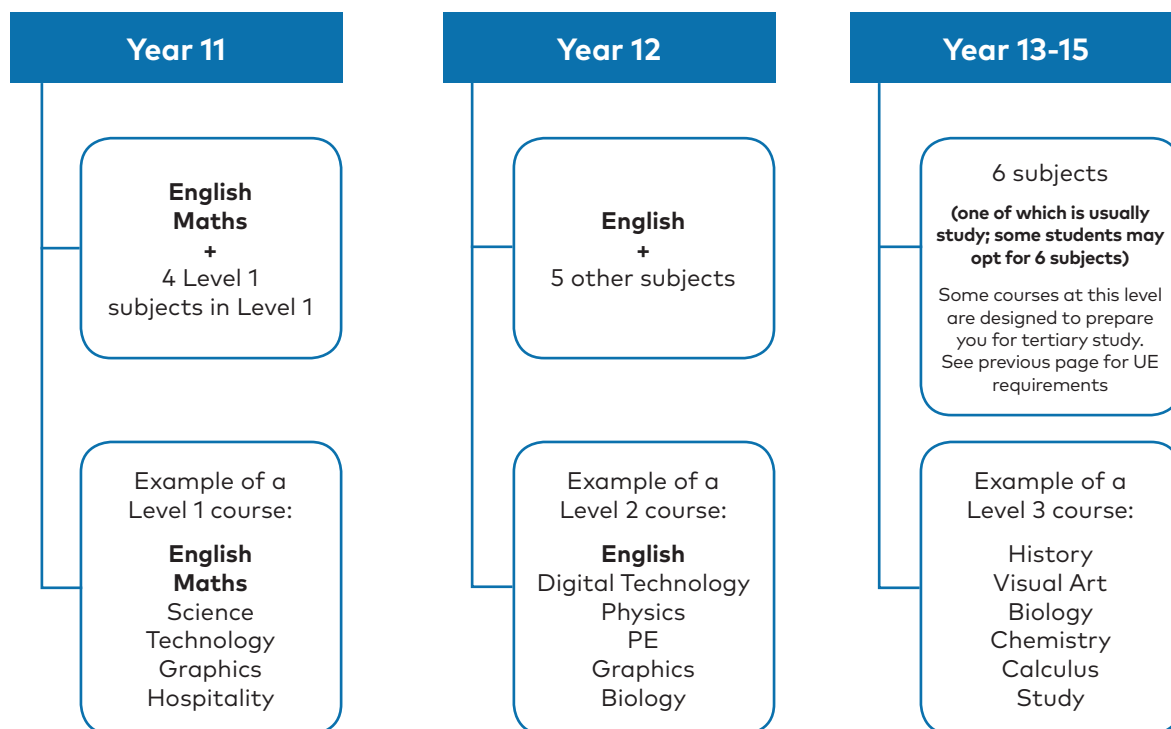
Make an appointment to see the Careers Advisor

# Choosing Your Study Pathway

## What are your study requirements and what courses will suit you best?

There are a number of requirements for your learning programme that need to be met.

## What year level are you entering next year?



**NOTE:** Compulsory subjects are in **bold**

### Multi-level Study:

- As you progress through school, you may find subjects you wish to do are spread across all three levels. Students are able to select from different levels to develop a multi-level course.
- Students who wish to spend a longer period preparing for leaving school, or tertiary study, should consider subjects in Level 1, Level 2 and Level 3 course lists.
- Multi-level study is usually Year 12 and above, but some Year 11's may study above their level.
- Example: A multi-level course for a Year 12 student could look like this:  
 Level 2 **English**      Level 2 Technology      Level 2 Geography  
 Level 1 Maths      Level 1 Science

### PLEASE NOTE:

- The subjects are listed as accurately as possible at the time of printing.
- Based on information gained from initial student choices, it may NOT be possible to provide some of the subjects listed. Reasons for this may include:
  - insufficient student numbers
  - lack of specialised staff
- Timetabling such a wide range of courses sometimes means that certain combinations of subjects will not be possible. In this even students will need to select another combination.

# Scholarship

Scholarship is an external assessment for top secondary students. Scholarship examines course material related to Level 3 standards derived from up to Level 8 of the New Zealand curriculum that students study in Year 13. It does not attract credits nor contribute towards a qualification but the fact that a student has gained a Scholarship appears on their Record of Achievement. About 3% of Year 13 students studying each subject at Level 3 will get Scholarship, if they reach the standard that has been set. Each Scholarship assessment carries two passing grades – Scholarship (S) and Outstanding Scholarship (O).

Successful Scholarship students gain substantial monetary awards. A Scholarship in just one subject receives \$500, as a single payment. All the other awards result in payments spanning three years of successful tertiary study. These awards are outlined in the following table.

Depending on the area of study, a student will display a range of:

- comprehensive content knowledge (breadth and depth);
- effective communication;
- original or sophisticated solutions, performances or approaches;
- critical evaluation;
- flexible thinking in unfamiliar/unexpected contexts.

If you have gained a lot of Standards with Excellence throughout your school studies and are doing Level 3 Standards, you may want to be assessed for New Zealand Scholarship. Scholarship assessments cover the same content as Level 3 Achievement Standards, so a separate course is not needed.

## Record of Achievement

You are entitled to a Record of Achievement (ROA) for free. One per year. If you have had a copy and there are changes to this e.g., a new Certificate endorsement, there is a cost of \$15.30. NOTE: Year 13 students MUST order their ROA at the start of the year (by February) or they will be required to pay the \$15.30. ROA is ordered through the learner logon area of the NZQA Website - [www.nzqa.govt.nz/qualif](http://www.nzqa.govt.nz/qualif)

## NZQA Fees

The cost in 2019 for all Achievement and Unit Standards entered at any level is \$76.70. In 2019, there is a cost of \$30.00 per scholarship subject.

**Fee Collection:** It is important to address the payment of NCEA as early as possible. The school acts as an agent for NZQA and requests that all fees be paid to the school by 7th August. Students who leave the school will not have their credits released until the entry fee has been paid. Late fee of \$50.00 applies if the fees are not paid to NZQA by closing date in September.

**Financial Assistance:** Substantial assistance is available for qualifying families. More information is available in Term 3 on applying for financial assistance or by downloading the form from the NZQA website.



# Subject Selection Information

## General Advice

In selecting a programme students need to ask themselves:

- What qualifications do I want to gain while at school?
- What qualifications and courses do I need for tertiary study or the work I hope to do when I leave school?
- Does my subject selection provide enough breadth and flexibility for a possible change of direction in the future?
- **Do I have the pre-requisites?** Am I aware of pre-requisites required for subjects I wish to study later?
- Will I succeed in this course and be appropriately challenged?
- Have I explored my options and researched well? (Have I spoken with my Parents/ Teachers/Dean/Careers Advisor?)

**Do not select subjects for the wrong reasons, such as:**

- Your friend is choosing it
- The teacher
- You don't know what to do

## Advice for Students Entering Year 11

Year 11 Course Requirements

Students will be required to study:

- Six subjects – Students will be guided towards appropriate selections.
- English – ENG111, ENC111 or ENA111 is compulsory.
- Mathematics – MAT111, MTT111 or MTH111 is compulsory.  
Mathematics is compulsory until the 'Numeracy' requirement is met to ensure students achieve Level 1, NCEA.

## Advice for Students Entering Year 12

Year 12 Course requirements

Students will be required to study:

- Six subjects – Students will be guided towards appropriate selections.
- Students will be required to take a course of English, either ENG212, ENA212, ENC212 or ENL212.
- Students who have not met the 10 literacy credits and 10 numeracy credits from Level 1, should select certain courses to enable them to gain these necessary credits.
- Students who anticipate going onto study at University or any degree course at a Polytechnic or private training provider, should ensure they gain (UE) Literacy at Level 2 as this is required for entry to University. It can be gained through many subjects not just English. Please check the course information pages.

## Advice for Students Entering Year 13

Year 13 Course requirements

Students will be required to study five or six subjects meeting any prerequisites.

Check you have UE Literacy if you intend to go on to study at University. If you have not got this, check which of your Level 3 subjects offer literacy-based standards to ensure you are able to fulfil this requirement.

## Scholarship

Students may be approached by their subject teacher/Curriculum Leader to consider entry for scholarship. They will be required to undertake extra tuition.

## Profile of a Scholarship Student

A Scholarship student is **prepared, compelling, convincing and assured**. The student demonstrates **clarity of thinking** and is able to focus efforts in one area. Depth of knowledge and thinking is required. The student should, where appropriate, interweave connected information to show breadth of understanding and thinking.

Success in Scholarship demands high thinking and literacy skills. A Scholarship student is discerning when **analysing questions and tasks**. The student will be able to write coherent, logical and precise answers that get straight to the point without restating the question or including irrelevant or superfluous information. The student will use appropriate terminology, avoiding irrelevancies and generalisations.

*Credit: nzqa.govt.nz*

## Key Points to Note

### Multi-Level Classes

Some students benefit from taking multi-level courses. These courses can be constructed in consultation with the Dean and Head of Curriculum. Some new courses will be run as a multi-level class for the first year.

### Te Kura (Correspondence School)/VLN – Video Conferencing

If a student wishes to take a subject not offered within the School's timetable, it may be possible to take the subject through Te Kura (Correspondence School) or by VLN – a video-conferencing course. A request for this must be made to the Principal's Nominee before the end of Term 3, 2018. Students will be permitted into these programmes if they demonstrate independent learning, excellent attendance, good time management skills and a determination to succeed. Teacher recommendation will also be important.

### Greymouth High School's Course Availability

- Courses will only be provided if there are sufficient student enrolments. When practicable, related courses may be amalgamated to form a viable class size.
- GHS will endeavour to accommodate student subject choices. It will develop a timetable structure that best meets the requirements of the greatest possible number of students. In the case of option clashes your alternative subject will be substituted.
- Some subjects require the payment of: fees for take-home components and for optional field trip costs.
- Full Year Courses generally offer Level 1 students 18-24 credits and Levels 2 and 3 16-22 credits maximum.
- Changes in course selection after the start of the year may not be possible if classes are closed. (Priority for change is given to students who have not met course prerequisites.) Requests need to go to the Dean at the beginning of the year or the Head of Curriculum at any later time. MAKE WELL INFORMED, WISE DECISIONS AND STUDY HARD TO ENSURE YOU MEET THE REQUIREMENTS.

# Frequently Asked Questions

## 1. What does the term "prerequisite" mean?

It means the level of learning you need to have already reached in that subject in order to go to the next level.

## 2. At which year level is English compulsory?

Years 9 – 12. However, there are university and career prerequisites which may mean you need to study English through to Year 13.

**3. At which year levels is Mathematics compulsory?**

Years 9 – 11. However, there are university and career prerequisites which may mean you need to study Mathematics through to Year 12 or Year 13.

**4. What does 'literacy' mean in relation to NCEA?**

Literacy is a basic level of skill in reading and writing. You need Level One Literacy in order to achieve Levels One and Two NCEA. Level One Literacy consists of 10 credits from standards which carry the literacy endorsement across a whole range of Achievement Standards. They are not extra credits. If you cannot achieve this, you can drop down to lower Unit Standard credits. For UE (University Entrance) 10 Level 2 Literacy credits – 5 Reading and 5 Writing – are required.

**5. What does 'numeracy' mean in relation to NCEA?**

This works similarly to literacy but relates to basic mathematical skills. Again, 10 credits are required from a range of Achievement Standards. If you cannot achieve this you can drop down to lower Unit Standard credits.

**6. What is the difference between Achievement and Unit Standards?**

Achievement Standards carry four levels of achievement – Excellence, Merit, Achieved, Not Achieved. Unit Standards, in nearly all cases, carry only two levels – Achieved, Not Achieved. Unit Standards are mostly used in vocational (job related) subjects.

**7. Should I discuss my subject choices with my parents?**

Absolutely you should. Your choices should be made on the basis of a good discussion with your parents about your career plans.

**8. What should I do if I don't know what my future career path is?**

You should keep your subjects as general as possible so that you do not shut out future pathways by taking very specialised subjects.

**9. What do I do if I have not done my selection by the due time?**

You will have to see your Dean and it may mean you cannot get your first subject choices.

**10. If I complete my subject choices on time does this guarantee I will get them?**

In most cases, yes, provided you meet the prerequisites. However, sometimes not enough students opt for the subject and so the subject does not run. You will then get your alternate subject. Also, if two of your subjects end up on the same line then you will have to choose one subject and implement your alternative.

**11. Can I change my subjects after I have completed my option selection?**

Yes but only for a very strong reason around your achievements. You need to see your Dean to do this.

**12. What happens to my subject choices if I have poor NCEA results?**

You may not be eligible for some subjects if you do not meet the prerequisites. You will have to negotiate your programme from a limited choice of subjects.

**13. What is Course Confirmation Day?**

Before the start of the school year, Years 12 and 13 confirm their subjects for the new year. Often NCEA results mean that students change their minds about subjects or HoDs decide students have or have not met the prerequisites. You will be given clear instructions about Course Confirmation before you go off for the summer holidays.

**14. What should I do if I cannot come to Course Confirmation Day?**

It is the school's expectation that you come, however, if there is a genuine problem you should contact your Dean by email as soon as you are aware you cannot attend. This may affect your ability to gain entry to some courses.

**15. Do universities require anything other than University Entrance to gain entry?**

Many Universities now look at a 'ranked score' and prerequisite subjects which determines individual entry. Please check individual university websites.

# 2019 Subject Overview

NCEA Level 1	NCEA Level 2	NCEA Level 3
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## COMPULSORY SUBJECTS

English - Academic, Communication or Literature	English - Academic, Communications, Literature or Visual	
Mathematics - Academic, General or Numeracy		
Plus four more subjects	Plus Five more subjects	5 or 6 subjects

## OPTION SUBJECTS - Arts

Art	Art	Art
	Photography	Photography
Drama	Drama	Drama
Music	Music	Music
Dance	Dance	Dance

## OPTION SUBJECTS - Business Studies

Business Studies & Economics	Business Studies & Economics	Business Studies & Economics
Accounting & Financial Capability	Accounting & Financial Capability	
	Economics	

## OPTION SUBJECTS - ENGLISH + Languages

English (Compulsory)	English (compulsory)	English
Mandarin		Literacy for tertiary study and life skills
Media Studies	Media Studies	Media Studies

## OPTION SUBJECTS - Mathematics

Maths (Compulsory)	Mathematics	Calculus
	Mathematics with Statistics	Statistics
	General Mathematics	General Mathematics

## OPTION SUBJECTS - Physical Education

Physical Education	Physical Education	Physical Education
Health Education	Health Education	Health Education
Sport, Fitness and Recreation	Sport, Fitness and Recreation	Environmental Sustainability and Leadership in Outdoor Recreation



NCEA Level 1	NCEA Level 2	NCEA Level 3
<b>OPTION SUBJECTS - Social Science</b>		
History	History	History
Geographical Science	Geography	Geography
Environment and Global Thinking	Tourism	Tourism
	Psychology and Legal Studies	Psychology and Legal Studies
	Classical Studies	Classical Studies
<b>OPTION SUBJECTS - Science</b>		
General Science	Physics	Physics
	Chemistry	Chemistry
	Biology	Biology
		Earth, Space and Science
Vocational Science	Vocational Science	
<b>OPTION SUBJECTS - Technology</b>		
Design and Visual Communication	Design and Visual Communication	
Fabric and Fashion	Fabric and Fashion	Fabric and Fashion
Furniture and Design	Furniture and Design	Furniture and Design
Hospitality	Hospitality	
Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
Game Design and Programming	Game Design and Programming	
<b>OPTION SUBJECTS - Te Reo</b>		
Te Reo Māori	Te Reo Māori	Te Reo Māori
Māori Performing Arts	Māori Performing Arts	
<b>OPTION SUBJECTS - Careers</b>		
	Rapua Careers Hub	Rapua Careers Hub
<b>OPTION SUBJECTS - Gateway</b>		
	Creative and Performing Arts	
	Auto Ignition	
	Swimming Instructor	

# 2019 Subject Outlines

Art L1-3	21
Business L1-3	27
English L1-3	30
Mathematics L1-3	36
Physical Education L1-3	40
Science L1-3	45
Social Sciences L1-3	50
Technology L1-3	58
Gateway	66



# Arts Department

## Art Level 1

## Art111

Eligible for endorsement? Yes

1-4 internals (4-12 credits)

1 external (0-12 credits)

Pre-requisites: NIL  
10 Art strongly advised

Practical emphasis

### In this course we will learn to:

- Use drawing methods and skills for recording information using wet and dry media (4 credits, Internal, 90914).
- Use drawing conventions to develop work in more than one field of practice (6 credits, Internal, 90915).
- Produce a body of work informed by established practice, which develops ideas, using a range of media (12 credits, External, 90916).
- Produce a finished work that demonstrates skills appropriate to cultural conventions (4 credits, Internal, 90917).
- Demonstrate understanding of art works from a Māori and another cultural context using art terminology (4 credits, Internal, 90913).

### This course is useful for:

Giving students who are good at art the opportunity to gain valuable foundation knowledge for the study of NCEA Art.

### Next steps from this course:

This is the foundation course for needed for entry into Level 2 Art and Photography.

**Cost:** \$40

**Contact:** Mr Dempster

## Art - Painting Level 2

## Art212

Eligible for endorsement? Yes

1-3 internals (4-12 credits)

1 external (0-12 credits)

Pre-requisites: Level 1 Art or HOD approval

Practical emphasis

### In this course we will learn to:

- Use drawing methods to apply knowledge of conventions appropriate to painting (2.2 PTG, AS 91311, 4 credits).
- Develop ideas in a related series of drawings appropriate to established painting practice (2.3 PTG, AS 91316, 4 credits).
- Produce a systematic body of work that shows understanding of art making conventions and ideas within design/painting/photography/printmaking/sculpture through a portfolio (2.4 PTG, AS 91321, 12 credits).
- As an extension selected students can demonstrate an understanding of methods and ideas from established practice appropriate to painting (2.1 PTG, AS 91306, 4 credits).

### This course is useful for:

- Students who show strength in areas of printing, design, sculpture can take these as additional Art subjects that potentially double or, triple the amount of credits available to a student but it does take up another option choice, and is only reserved for students considering an art related tertiary course or pathway.
- Students considering doing Level 3 Painting, Design, Printing, Sculpture need to take the same field at Level 2.

### Next steps from this course:

This course is needed to get into Level 3 Painting, Printing, Sculpture, Design or Photography.

**Cost:** An Art pack is available through the Art Department for \$40

**Contact:** Mr Dempster

## Art - Painting Level 3

**Art313**

Eligible for endorsement? Yes  
Scholarship? Yes

1-3 internals (4-12 credits)

1 external (0-14 credits)

Pre-requisites: Level 2 Art or HOD approval

NCEA Level 3 literacy (optional 3 credits)

### In this course we will learn to:

- Use drawing to demonstrate understanding of conventions appropriate to painting (3.2 PTG, 4 credits, AS 91446).
- Systematically clarify ideas using drawing informed by established painting practice (3.3 PTG, 4 credits AS 91451).
- Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.(3.4 PTG, 14 credits, AS 91456).
- As an extension selected students can Analyse methods and ideas from established painting practice (3.1 PTG, 3 credits, AS 91441)

Where a student shows a strength in Design, Sculpture, Printing they will need to discuss this with Mr Dempster.

### This course is useful for:

- Developing students ability to use creative thinking in a disciplined approach to problem solving and communicating meaning visually and conceptually.
- Students who have a passion for Art.
- Students who want to be life long creative learners and thinkers.
- Students who want to learn that it takes time and energy to make something they can be proud of.

### Next steps from this course:

- Many tertiary courses require a portfolio submission to gain entry.
- Portfolios can be used as evidence of personal problem solving and creative thinking.
- Continuing to gain a lifetime of enjoyment and satisfaction from making art.

**Cost:** An Art pack is available through the Art Department for \$40

**Contact:** Mr Dempster

## Photography Level 2

**PHO212**

Eligible for endorsement? Yes

1-3 internals (4-12 credits)

1 external (0-12 credits)

Pre-requisites: Level 1 Art or Photographic equivalent and HOD approval

Practical emphasis

### In this course we will learn to:

- Use drawing methods to apply knowledge of conventions appropriate to photography (2.2 PHO, AS 91312, 4 credits).
- Develop ideas in a related series of drawings appropriate to established photography practice (2.3 PHO, AS 91317, 4 credits).
- Produce a systematic body of work that shows understanding of art making conventions and ideas within photography through a portfolio (2.4 PHO, AS 91320, 12 credits).
- As an extension selected students can demonstrate an understanding of methods and ideas from established practice appropriate to photography (2.1 PHO, AS 91307, 4 credits).

### This course is useful for:

- Students who show strength in areas of photography or existing passion for taking photographs or photojournalism.
- Students considering doing Level 3 Photography need to take Photography at Level 2.

### Next steps from this course:

- This course is needed to get into Level 3 Photography.
- Develop a strong portfolio in the creative industries.

**Cost:** \$40

**Contact:** Mr Dempster



## Photography PHO313 Level 3

Eligible for endorsement? Yes  
Scholarship? Yes

1-3 internals (4-12 credits)

1 external (0-14 credits)

Pre-requisites: Level 2 Photography or HOD approval

NCEA Level 3 literacy (optional 3 credits)

### In this course we will learn to:

- Use drawing to demonstrate understanding of conventions appropriate to photography (3.2 PHO, 4 credits, AS 91447).
- Systematically clarify ideas using drawing informed by established photography practice (3.3 PHO, 4 credits AS 91452).
- Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice.(3.4 PHO, 14 credits, AS 91457).
- As an extension selected students can analyse methods and ideas from established photography practice (3.1 PHO, 3 credits, AS 91442).

### This course is useful for:

- Developing students ability to use creative thinking in a disciplined approach to problem solving and communicating meaning visually and conceptually.
- Students who have a passion for Photography.
- Students who want to be life long creative learners and thinkers.
- Students who want to learn that it takes time and energy to make something they can be proud of.

### Next steps from this course:

- Many tertiary courses require a portfolio submission to gain entry.
- Portfolios can be used as evidence of personal problem solving and creative thinking.
- Continuing to gain a lifetime of enjoyment and satisfaction from making art.

**Cost:** Ongoing cost of printer credit to print photo's, camera, phone, drone or tablet.

**Contact:** Mr Dempster

## Dance DAN 111 Level 1

Eligible for endorsement? Yes

3 internals (16 credits)

1 externals (4 credits)

Pre-requisites: Previous dance experience useful but not essential.

### In this course we will learn to:

In this course we will learn to describe and talk about movement. We will explore different ways of moving, and how this can be mixed up and changed about to create and perform short dance works. We will learn how to be a good performer, how to communicate ideas and emotions through movement, and how to analyse and understand different dance works.

### This course is useful for:

This course is useful for students who are creative, enjoy moving, and are willing to be challenged. Students who are interested in dancing and drama will find this course useful, as it is a foundation for thinking about, and doing, interesting movement and improving their performing skills. It builds creative thinking skills, analysing, and communication skills.

### Next steps from this course:

Next steps from this course are further dance, drama, or performing arts courses.

**Contact:** Katie Hanson

## Dance DAN 212 Level 2

Eligible for endorsement? Yes

4 internals (16 credits)

1 externals (4 credits)

Pre-requisites: Previous dance experience or Level 1 Dance useful but not essential.

### In this course we will learn to:

In this course we will learn different ways of thinking and talking about dance, and how to communicate ideas and emotions through movement. We will learn about choreographers who changed dance and how to think about dance and movement, and create dances that show those changes.

## This course is useful for:

Students who are creative, enjoy moving, and are willing to be challenged. Students who are interested in dancing and drama will find this course useful, as it links the creative and performing arts together in research and ideas, and how to present thoughts, ideas, and emotions through movement. It builds creative thinking skills, analysing, and communication skills.

## Next steps from this course:

Further dance, drama, or performing arts courses.

**Contact:** Katie Hanson

## Dance Level 3

**DAN 313**

Eligible for endorsement? Yes

3 internals (16 credits)

1 externals (4 credits)

Pre-requisites: Previous dance experience or Level 2 Dance useful

## In this course we will learn to:

There are two pathways students can take: performing or choreography. In performing we will learn to show through our movements the thoughts and emotions that the character we are portraying has, and how to analyse and reflect on what we do and how we perform, to get better. In choreography, we will produce a dance performance, and be in control of all aspects of the performance: movements, lighting, sound, costume, and makeup. A mix of these two pathways will allow a student to prepare a scholarship dance portfolio.

## This course is useful for:

Students who are creative, enjoy moving, and are willing to be challenged. Students who are interested in dancing and drama will find this course useful, as it links the creative and performing arts together in research and ideas, and how to present thoughts, ideas, and emotions through movement. It builds creative thinking skills, analysing, and communication skills. This course is useful for experiencing and developing the skills to stage and manage productions.

## Next steps from this course:

Further dance, drama, or performing arts courses, both tertiary or vocational. This is a University Entrance course, and is also useful for studying the Arts.

**Contact:** Katie Hanson

## Drama Level 1

**DRA111**

Eligible for endorsement? Yes

4 internals (18 credits)

1 external (4 credits)

Pre-requisites: None

NCEA Level 1 literacy (22 credits)

## In this course we will learn to:

- Work well with others in a supportive and collaborative environment to produce different pieces of theatre.
- Effectively develop a range of different roles and characters.
- Prepare a variety of performance pieces that realise an intention for the audience.
- Explore who we are, where we have come from, and where we could go.
- Build confidence to physically express thoughts, feelings and desires.

This course is a fun and practical exploration of drama and theatre. It is highly collaborative and will develop all key competencies, especially the ability to relate successfully with others and how to participate and contribute effectively in group projects.

## This course is useful for:

- Building confidence in effective communication and performance.
- Building skills of managing yourself and relating to others.
- Enhancing problem solving skills and decision making.
- Developing positive team work skills and a strong sense of responsibility.
- Improving literacy skills.
- Examining different perspectives and points of view.
- Enhancing your critical thinking skills, creativity and imagination.
- Learning how to express your thoughts and opinions and communicate with a variety of audiences.

## Next steps from this course:

Level 2 Drama

**Cost:** No course costs, any trips to view live theatre will be optional but will incur a charge

**Contact:** Miss Wood

## Drama Level 2

**DRA212**

Eligible for endorsement? Yes

4 internals (18 credits)

1 external (4 credits)

Pre-requisites: Literacy at Level 1

NCEA Level 1 literacy (22 credits)

UE literacy (13 reading credits, 4 writing credits)

### In this course we will learn to:

- Build on the foundation of Level 1 Drama.
- Work well with others in a supportive and collaborative environment to produce different pieces of theatre.
- Effectively develop a range of different roles and characters.
- Prepare a variety of performance pieces that realise an intention for the audience.
- Explore the world by learning about different experiences, cultures and perspectives.
- Build confidence to physically express thoughts, feelings and desires.
- Critically examine pieces of live theatre, their intentions and effectiveness.

This course continues to develop the Drama education of students into Level 2. This course is dominated by practical assessments. It is a highly collaborative course and will develop all of the key competencies, especially the ability to relate successfully with others and how to participate and contribute in group projects.

### This course is useful for:

- Building confidence in effective communication and performance.
- Building skills of managing yourself and relating to others.
- Enhancing problem solving skills and decision making.
- Developing positive team work skills and a strong sense of responsibility.
- Improving literacy skills.
- Examining different perspectives and points of view.
- Enhancing your critical thinking skills, creativity and imagination.
- Learning how to express your thoughts and opinions and communicate with a variety of audiences.

### Next steps from this course:

Level 3 Drama

**Cost:** No course costs, any trips to view live theatre will be optional but will incur a charge

**Contact:** Miss Wood

## Drama Level 3

**DRA313**

Eligible for endorsement? No

4 internals (18 credits)

Pre-requisites: Level 1 or Level 2 Drama

NCEA Level 1 literacy (18 credits)

UE literacy (13 reading credits)

### In this course we will learn to:

- Build on the foundation of Drama studied at a lower level.
- Examine the power of theatre as a tool to change the world.
- Work well with others in a supportive and collaborative environment to produce different pieces of theatre.
- Effectively develop a range of different roles, characters, drama forms and purpose of theatre.
- Prepare a variety of performance pieces that realise a concept for the audience.
- Explore the world by learning about different experiences, cultures and perspectives.
- Build confidence to physically express thoughts, feelings and desires.
- Critically examine pieces of live theatre, their intentions and effectiveness.

This course begins with some collaborative standards working on aspects of performance and then develops into individual areas of interest for the student. There are no external assessments at Level 3, allowing more time to dedicate to internal assessment.

### This course is useful for:

- Building confidence in effective communication and performance.
- Building skills of managing yourself and relating to others.
- Enhancing problem solving skills and decision making.
- Developing positive team work skills and a strong sense of responsibility.
- Improving literacy skills.
- Examining different perspectives and points of view.
- Enhancing your critical thinking skills, creativity and imagination.
- Learning how to express your thoughts and opinions and communicate with a variety of audiences.

### Next steps from this course:

This course develops skills that will assist in any tertiary course or employment setting.

**Cost:** No course costs, any trips to view live theatre will be optional but will incur a charge

**Contact:** Miss Wood

## Music Level 1 MUS111

Eligible for endorsement? Yes

3 internals (16 credits)

1 external (4 credits)

Pre-requisites: Studying an instrument for 2 or more years or year 10 music.

NCEA Level 1 Numeracy? NO

NCEA Level 1 literacy? YES

### In this course we will learn to:

The aim of this course is to give students a solid foundation in performance, composition, and music analysis. It is perfect for the student that wishes to continue pursuing music both inside and outside of school. The emphasis of this course is on practical music making and performance.

### This course is useful for:

Students who enjoy music and like to perform their chosen instrument(s). It is also useful for building confidence to be able to stand in front of people and present yourself effectively.

### Next steps from this course:

NCEA Level 2

**Cost:** TBC

**Contact:** Mr McDonald

## Music Level 2 MUS212

Eligible for endorsement? Yes

3 internals (16 credits)

1 external (4 credits)

Pre-requisites: Studying an instrument for 3 or more years or NCEA Level 1 music.

NCEA Level 2 Numeracy? NO

NCEA Level 2 literacy? YES

### In this course we will learn to:

The aim of this course is to give students a solid foundation to develop skills in performance, composition, and music analysis. It is perfect for the student that wishes to continue pursuing music both inside and outside of school. The emphasis of this course is on practical music making and performance. To develop as performers, there is also a focus on reflection in relation to the expressiveness of your music.

### This course is useful for:

Students who enjoy music and like to perform their chosen instrument(s). It is also useful for building confidence to be able to stand in front of people and present yourself effectively.

### Next steps from this course:

NCEA Level 3

**Cost:** TBC

**Contact:** Mr McDonald

## Music Level 3 MUS313

Eligible for endorsement? Yes

3 internals (22 credits)

Pre-requisites: Studying an instrument for 4 or more years or NCEA Level 2

NCEA Level 3 Numeracy? NO

NCEA Level 3 literacy? Yes

### In this course we will learn to:

The aim of this course is to give students the opportunity to plan and secure their skills in performance, composition, and music analysis. It is perfect for the student that wishes to continue pursuing music both inside and outside of school. The emphasis of this course is on practical music making and performance. Students are working towards refining their interpretations of music and polishing their expressive qualities.

### This course is useful for:

Students who enjoy music and like to perform their chosen instrument(s). It is also useful for building confidence to be able to stand in front of people and present yourself effectively.

### Next steps from this course:

Next steps from this course are tertiary study at university or a performance based course at polytechnic.

**Cost:** TBC

**Contact:** Mr McDonald

# Business Studies Department

## Accounting and Financial Capability Level 1 AFC111

Eligible for endorsement? Yes

3 internals (12 credits)

2 externals (8 credits)

Prerequisites: None

### In this course we will learn to:

Accounting enables students to develop the knowledge and skills necessary to manage the financial affairs of individuals and businesses. Throughout, the emphasis is on comprehending and applying double entry accounting. At the completion of this course students should have an understanding of accounting procedures and of the conceptual framework. They should be able to prepare final accounting reports for a sole proprietor and have an understanding of the accounting process by which information flows through an accounting system.

Note: for students wishing to develop their personal financial management, standards in Financial Capability will be offered as alternatives to the Level 1 Accounting Achievement Standards.

### This course is useful for:

Accounting is fundamental not just for businesses but everyday life. The course covers financial affairs for an individual and a business and serves as an introductory course in Accounting for students who wish to continue study in this subject, or a one year study in this subject which would benefit students who are yet to decide a career pathway.

### Next steps from this course:

A student could continue study in Level 2 Accounting or Business Studies.

Contact: Ms R Stuart

## Accounting and Financial Capability Level 2 AFC212

Eligible for endorsement? Yes

3 internals (10 credits)

2 externals (9 credits)

Pre-requisites: L1 Literacy and Numeracy via Achievement Standards;  
L1 Accounting an advantage

### In this course we will learn to:

At the completion of the year's study students should be able to record, process financial data from the source documents and present, and report the results of operations and the financial position of an entity to interested end users. Students will build on their understanding of the conceptual framework. Topics studied in more depth include the sales and accounts receivable subsystem, account payable and inventory subsystem, processing data using software, preparation and analysis of financial reports. Students will use a MYOB accounting software package to produce financial reports from source documents.

Note: students wishing to develop their personal financial management can discuss an alternative assessment plan which includes Financial Capability standards. Topics may include personal income, budgeting and taxation.

### This course is useful for:

Students interested in understanding how businesses operate and for students who wish to continue their study in accounting or business. Students will gain knowledge, skills and experience to manage the financial affairs of small entities that operate accounting subsystems.

### Next steps from this course:

To continue study in Level 3 Accounting or Business Studies.

Contact: Ms R Stuart

## Business Studies, Enterprise and Economics Level 1

**BSE111**

Eligible for endorsement? Yes

3 internals (12 credits)

2 externals (7 credits)

Pre-requisites: None

NCEA Level 1 Numeracy (0 credits)

NCEA Level 1 literacy (23 credits)

UE literacy (0 credits)

### In this course we will learn to:

- Understand how small business owners make operational decisions that have consequences for the success of their business.
- Understand how, as a result of scarcity, consumers, producers, and government make choices that affect New Zealand society.
- Understand how the different sectors of the New Zealand economy are interdependent.

### This course is useful for:

Students who are interested in how their involvement in business and the economy can contribute to community development and New Zealand's economic future.

### Next steps from this course:

Level 2 Economics and/or Level 2 Business Studies

**Cost:** Optional Field Trips: It is likely there will be additional costs connected with any field trips. The school has made every effort to minimise any such costs. Advance notice will be provided to ensure students and parents are informed as soon as possible and are able to make a donation towards this learning experience.

**Contact:** Ms Susi Thompson

## Economics Level 2

**ECO212**

Eligible for endorsement? Yes

2 internals (10 credits)

2 externals (8 credits)

Prerequisites: NCEA Level 1 literacy

Students will recognise the interdependent nature of the New Zealand economy by examining the impact of government policies designed to address contemporary economic issues on various groups in society.

### In this course we will learn to

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

### This course is useful for:

Students who are interested in learning about how the New Zealand economy operates and the impacts of decisions on individuals, households and businesses.

### Next steps from this course:

Next steps from this course are to continue study in Level 3 Economics or Level 3 Business Studies.

**Cost:** ESA Learning Workbook \$26.00

**Contact:** Ms Susi Thompson



## Business Studies and Enterprise Level 2 BSE212

Eligible for endorsement? Yes
2 internals (12 credits)
2 externals (8 credits)
Pre-requisites: NCEA Level 1 literacy
NCEA Level 1 Numeracy (3 credits)
NCEA Level 1 literacy (20 credits)
UE literacy (0 credits)

Students are encouraged to relate their knowledge and understanding of real world business situations to this course.

### In this course we will learn to:

- Conduct market research
- Demonstrate understanding of the internal operations of a large business
- Demonstrate understanding of how a large business responds to external factors
- Plan, carry out, review and refine a business activity.

### This course is useful for:

Students who are interested in learning about how business contributes to a culture of enterprise in New Zealand and supports our efforts to improve economic and community well-being.

### Next steps from this course:

This course leads to Level 3 Business Studies and/or vocational or tertiary business courses.

**Cost:** Optional Field Trips: It is likely there will be additional costs connected with any field trips. The school has made every effort to minimise any such costs. Advance notice will be provided to ensure students and parents are informed as soon as possible and are able to make a donation towards this learning experience.

**Contact:** Ms Susi Thompson

## Business Studies and Enterprise Level 3 BSE313

Eligible for endorsement? Yes
2 internals (15 credits)
1 externals (4 credits)
Pre-requisites: NCEA Level 1 literacy
NCEA Level 1 Numeracy (0) credits)
NCEA Level 1 literacy (24 credits)
UE literacy (18 reading, 4 writing)

### Business Studies creates opportunities for students to:

- Understand the integral role of business in society and the economy
- Explore enterprise culture.

### In this course we will learn to:

- Prepare a marketing plan
- Demonstrate understanding of how a business that operates in a global context responds strategically to external factors
- Carry out an innovative and sustainable business activity
- Comprehensively evaluate the business activity against desired economic, social, cultural (including ethical) and environmental outcomes using an analytical tool such as the quadruple bottom line.

### This course is useful for:

This course is useful for students who are interested in learning about how business contributes to the development of a culture of enterprise in New Zealand and supports our efforts to improve economic and community well-being in NZ and overseas.

### Next steps from this course:

Next steps from this course are vocational careers in business or tertiary business courses. Business Studies is a University Entrance approved subject.

**Cost:** Optional learning workbook: \$12  
Optional Field Trips: It is likely there will be additional costs connected with any field trips. The school has made every effort to minimise any such costs. Advance notice will be provided to ensure students and parents are informed as soon as possible and are able to make a donation towards this learning experience.

**Contact:** Ms Susi Thompson

# English

## Individuals and the Media Level 1

**MED111**

Eligible for endorsement? Yes

4 internals (15 credits)

1 externals (4 credits)

Pre-requisites: None

### In this course we will learn to:

In Media Studies you will learn about your personal relationship with the media. How, when, where and why do you consume media? How do media products influence your life? How can you create media texts that influence our society in positive ways?

In the course you will analyse the conventions and context of a film genre. You will also develop practical filmmaking and production skills through the completion of a short film.

### This course is useful for:

Creative students with an interest in film, drama, music or digital media. No film-making experience necessary but you must be willing to practise your film-making skills in and out of class. There is a strong written element in the course so you should be comfortable expressing your ideas in words.

### Next steps from this course include:

Level 2 Media Studies and further tertiary study toward a career in creative or media industries like design, film, broadcasting, journalism, advertising or radio. Media Studies also supports pathways such as law, humanities and political science.

**Contact:** Mr Hanson

## Media Audiences Level 2

**MED212**

Eligible for endorsement? Yes

3 internals (13 credits)

1 externals (4 credits)

Pre-requisite: 10 Credits from Level 1 English, History or Geography

### In this course we will learn to:

Media Studies allows Grey High students to tell Māwhera stories in new ways. Media studies at Level 2 includes 10 credits of practical film-making that could take many forms: a creative expression of locality, a snapshot of local life, or a promotional piece supporting a local industry. There are Māwhera stories waiting to be told and Māwhera students who are waiting to tell them to a local and a global audience.

In this course we will learn how media representations influence us, the audience. This understanding is applied to a NZ media product and an established film genre. We will develop practical filmmaking and production skills through the completion of a short film.

### This course is useful for:

Creative students with an interest in film, drama, music or digital media. No film-making experience necessary but you must be willing to practise your film-making skills. There is a strong written element in the course so you should be comfortable expressing your ideas in words.

### Next steps from this course include:

Level 3 Media Studies and further tertiary study towards a career in creative or media industries like design, film, broadcasting, journalism, advertising or radio. Media Studies also supports pathways such as law, humanities and political science.

**Cost:** TBC

**Contact:** Mr Hanson

## Media Audiences Level 3

**MED 313**

Eligible for endorsement? Yes

3 internals (13 credits)

1 externals (4 credits)

Pre-requisites: 12 Credits in L2 English, History or Geography or with HOD approval.

### In this course I will use:

Media Studies allows Grey High students to tell Māwhera stories in new ways. Media studies at Level 3 includes 10 credits of practical film-making that could take many forms: a creative expression of locality, a snapshot of local life, or a promotional piece supporting a local industry.

The concept of media literacy is also important, to empower Grey High students to interpret global media products through a local lens. Understanding the audience for whom a media product was made, the way this audience shapes the product, and the alternative interpretations possible for any media product enables students to make sense of the media world in which they are active participants.

In this course we will learn how media products influence, and are influenced by, the society they are created in. We will use this understanding to analyse a NZ media product and an established film genre. We will refine our filmmaking and production skills through a short film project.

**This course is useful for:**

Creative students with an interest in film, drama, music or digital media. No film-making experience necessary but you must be willing to build your film-making skills. There is a strong written element in the course so you should be comfortable expressing your ideas in words.

**Next steps from this course are:**

Next steps from this course include further tertiary study and a career in creative or media industries like design, film, broadcasting, journalism, advertising or radio. Media Studies also supports pathways such as law, humanities and political science.

**Cost:** \$10 for an optional film screening at the Regent

**Contact:** Mr Hanson

## English & Literacy ENA111 Level 1

Eligible for endorsement? No

5 internals (17 credits)

1 externals (4 credits)

You will be placed in an English class based on your achievement in Year 10 English.

**In this course we will learn to:**

Expand our knowledge and skills of reading, writing, and speaking at the level required for NCEA - vital literacy skills that have already been developed at the junior level.

Throughout the year we will read a variety of fiction and non-fiction texts, learn to write for a particular purpose and audience, and complete a series of spoken interactions. We will also study film and advertisements in order to show our understanding of visual and verbal techniques and develop our analytical thinking skills.

**This course is useful for:**

Students who want to study a mixture of written and visual texts as well as develop their literacy skills. The skills in this course are useful preparation for all English courses in Level 2 and Level 3, as well as providing an in depth understanding of reading and writing that is required in any further study or profession. This course is suited to students who are working at Level 4 at the end of year 10.

**Next steps from this course:**

Further study of English at Level 2.

**Contact:** Ms Evans or Ms Quick

## Literacy Level 1

**ENC111**

Eligible for endorsement? No

5 internals (16 credits)

No externals

You will be placed in an English class based on your achievement in Year 10 English.

**In this course we will learn to:**

In this course we will learn to read and respond to a range of texts with an emphasis on personal and local interests. It will build on the sense of identity and connection to our local area. In this course you will work in a supported environment that will further develop your skills to be able to achieve the literacy portfolio.

## This course is useful for:

Developing your skills in working and responding to a range of increasingly complicated written texts. You will work to further develop your independent reading and writing skills. This will help you to increase your skills in writing confidently and accurately. This course will also help you to become more confident at reading and understanding a range of texts. You will also develop a greater understanding of our local heritage.

## Next steps from this course:

Would be to move into L2 Communications English. This course will build on your skills and will provide you with a solid foundation with which to move into L2 English.

**Contact:** Ms Evans or Ms Quick

## English Level 1

**ENG111**

Eligible for endorsement? Yes

3 internals (10 credits)

2 externals (8 credits)

You will be placed in an English class based on your achievement in Year 10 English.

NCEA Level 1 numeracy: no.

NCEA Level 1 literacy: 14 credits

UE literacy: no

## In this course we will learn to:

This course introduces students to a wide range of written and visual texts. We will explore the connections between texts, show our understanding of films and study a range of poetry, fiction and non-fiction texts.

## This course is useful for:

Students who enjoy English and are keen to gain endorsement.

## Next steps from this course:

This course leads to Level 2 Visual English and English Literature courses.

**Contact:** Ms Schwabe or Ms Quick

## English Level 2

**ENG111**

Eligible for endorsement? Yes

3 internals (10 credits)

2 externals (8 credits)

Pre-requisite: You will be placed in an English class based on your achievement in Year 10 English

## In this course we will learn to:

This course introduces students to a wide range of written and visual texts. We will explore the connections between texts, show our understanding of films and study a range of poetry, fiction and non-fiction texts.

## This course is useful for:

This course is useful for students who enjoy English and are keen to gain endorsement.

## Next steps from this course:

This course leads to Level 2 Visual English and English Literature courses.

**Contact:** Ms Quick or Ms Schwabe

## Communications English Level 2

**ENC212**

Eligible for endorsement? No

5 internals (15 credits)

Pre-requisite: 10 English credits at Level 1

## In this course we will learn to:

In this course we will organise the classes according to interests outside of English such as sport, hospitality and tourism. Reading, writing and oral communication skills will be developed as part of units exploring student interests and in conjunction with other subjects.

## This course is useful for:

Developing new skills in a less time pressured environment than ENL212 or ENV212.

**Next steps from this course:**

Literacy for Tertiary Study & Life Skills at Level 3 or further study at polytechnic or in the workplace.

**Contact:** Ms Quick or Ms Schwabe

## English Literature ENL212 Level 2

Eligible for endorsement? Yes

3 internals (11 credits)

2 externals (8 credits)

Pre-requisites: 14 AS credits in Level 1 English

**In this course we will learn to:**

English Literature is designed for students who enjoy reading. In this course we will continue to develop our skills at being critical thinkers, using a range of thought-provoking texts. We will learn how to make real-life connections between what we read, what we watch, and the wider world around us. We will develop research and writing skills.

**This course is useful for:**

Developing the 21st century skills of making reasoned choices, of exploring increasingly sophisticated literacy skills and of thinking critically.

**Next steps from this course:**

This course leads to Level 3 English and is an excellent base for the critical thinking skills required in all Level 3 courses.

**Contact:** Ms Quick

## Visual English ENV212 Level 2

Eligible for endorsement? Yes

3 internals (10 credits)

2 externals (8 credits)

Pre-requisite: 14 AS credits in Level One English

**In this course we will learn to:**

This course is designed for students who enjoy studying film. In this course we will learn to think, talk and write about film and visual language. The texts to be studied include a mixture of short film, documentary, feature film, news and advertising. We will research a topic related to English and process and present our ideas. We will develop the skills of critical thinking, analysis and fluent writing to support future study in English and related areas.

**This course is useful for:**

Students with an interest in film who also want to include English in their study pathway. You will have the opportunity to gain all of your UE Literacy credits, and endorsements are available.

**Next steps from this course include:**

Further study in English. This course also prepares students for critical thinking and presentation skills required in a range of subjects.

**Contact:** Ms Quick or Mr Hanson

## English ENG313 Level 3

Eligible for endorsement? Yes

3 internals (13 credits)

2 externals (8 credits)

Pre-requisites: 14 AS English credits at Level 2

**In this course we will learn to:**

In this course you will study a wide range of written and visual texts that link to one central theme such as: morality and choice or madness throughout literature.

This link to a central theme means that you will be able to study a variety of classic and contemporary texts, and observe your own world through a more critical lens. You will learn how to structure and support an argument in order to make it as irrefutable, and sophisticated, as possible.

You will develop strong written and oral skills in analysis and evaluation, judgement and interpretation, and you will write in a range of styles that reflect specific genres.

You will have the opportunity to be truly creative in this course as we undertake a Writing Portfolio worth six credits. You will use your new knowledge of literature through a critical lens to inspire you and enable you to write about aspects of humanity, and the world, that you are truly passionate about.

### This course is useful for:

This course is the ultimate preparation for tertiary study and for critical thinking in the wider world. The ability to fluently and confidently express thoughts and opinions in written or oral form, with strong and relevant supporting evidence is useful in both tertiary and in a range of professional contexts.

### Next steps from this course:

Further study in humanities at university, and a life-long love of literature.

**Contact:** Ms Quick or Ms Evans

## Literacy for Tertiary Study & Life Skills LIT313 Level 3

Eligible for endorsement? No

4 internals (20 credits)

Pre-requisites: 10 credits from a Level 2 English course.

### In this course we will learn:

The literacy skills needed for tertiary study and for confidence in the wider world. We will explore a range of topics through reading, visiting speakers and online talks, through writing and through conducting interviews and presenting speeches. This course is designed to help students with the literacy demands of all of their Level 3 subjects.

### This course is useful for:

Students who are interested in further study and need to develop their literacy skills. The skills in this course are very useful preparation for taking notes, writing reports and presenting ideas to an audience.

### Next steps from this course:

Tertiary study

**Contact:** Ms Quick or Mr Hanson

## Mandarin MAN111 Level 3

Eligible for endorsement? Yes

3 internals (14 credits)

1 external (5 credits)

Pre-requisites: None. Year 10 Mandarin is an advantage

### In this course we will learn to:

This course will develop skills in reading, writing, speaking and listening in Mandarin. Writing systems focused on are simplified writing and pinyin. You will also learn practical knowledge about Chinese culture, including food, family and business etiquette. There will be a practical language focus around family which will focus more around occupations this year as an extension on the family unit last year.

### This course is useful for:

This course is useful for students with an interest in Chinese language and culture. Students who have an interest in international management, tourism or travelling will find this course interesting and it is valuable for students keen to develop international business skills.

### Next steps from this course:

This course leads to Level 2 Mandarin.

**Contact:** Mrs Coutts



## Individuals and the Media Level

MED111

Eligible for endorsement? Yes

4 internals (15 credits)

1 externals (4 credits)

Pre-requisites: None

### In this course we will learn to:

In Media Studies you will learn about your personal relationship with the media. How, when, where and why do you consume media? How do media products influence your life? How can you create media texts that influence our society in positive ways?

In the course you will analyse the conventions and context of a film genre. You will also develop practical filmmaking and production skills through the completion of a short film.

### This course is useful for:

In Media Studies you will learn about your personal relationship with the media. How, when, where and why do you consume media? How do media products influence your life? How can you create media texts that influence our society in positive ways?

In the course you will analyse the conventions and context of a film genre. You will also develop practical filmmaking and production skills through the completion of a short film.

### Next steps from this course:

Next steps from this course include Level 2 Media Studies and further tertiary study toward a career in creative or media industries like design, film, broadcasting, journalism, advertising or radio. Media Studies also supports pathways such as law, humanities and political science.

**Contact:** Mr Hanson

## Media Audiences Level 2

MED212

Eligible for endorsement? Yes

3 internals (13 credits)

1 externals (4 credits)

Pre-requisite: 10 Credits from Level 1 English, History or Geography

### In this course we will learn to:

Media Studies allows Grey High students to tell Māwhera stories in new ways. Media studies at Level 2 includes 10 credits of practical film-making that could take many forms: a creative expression of locality, a snapshot of local life, or a promotional piece supporting a local industry. There are Māwhera stories waiting to be told and Māwhera students who are waiting to tell them to a local and a global audience.

In this course we will learn how media representations influence us, the audience. This understanding is applied to a NZ media product and an established film genre. We will develop practical filmmaking and production skills through the completion of a short film.

### This course is useful for:

This course is useful for creative students with an interest in film, drama, music or digital media. No film-making experience necessary but you must be willing to practise your film-making skills. There is a strong written element in the course so you should be comfortable expressing your ideas in words.

### Next steps from this course:

Next steps from this course include Level 3 Media Studies and further tertiary study towards a career in creative or media industries like design, film, broadcasting, journalism, advertising or radio. Media Studies also supports pathways such as law, humanities and political science.

**Cost:** TBC

**Contact:** Mr Hanson

## Media and Society MED313 Level 3

Eligible for endorsement? Yes

3 internals (13 credits)

1 externals (4 credits)

Pre-requisites: 12 Credits in L2 English, History or Geography or with HOD approval

### In this course we will learn to:

Media Studies allows Grey High students to tell Māwhera stories in new ways. Media studies at Level 3 includes 10 credits of practical film-making that could take many forms: a creative expression of locality, a snapshot of local life, or a promotional piece supporting a local industry.

The concept of media literacy is also important, to empower Grey High students to interpret global media products through a local lens. Understanding the audience for whom a media product was made, the way this audience shapes the product, and the alternative interpretations possible for any media product enables students to make sense of the media world in which they are active participants.

In this course we will learn how media products influence, and are influenced by, the society they are created in. We will use this understanding to analyse a NZ media product and an established film genre. We will refine our filmmaking and production skills through a short film project.

### This course is useful for:

Creative students with an interest in film, drama, music or digital media. No film-making experience necessary but you must be willing to build your film-making skills. There is a strong written element in the course so you should be comfortable expressing your ideas in words.

### Next steps from this course:

Further tertiary study and a career in creative or media industries like design, film, broadcasting, journalism, advertising or radio. Media Studies also supports pathways such as law, humanities and political science.

**Cost:** \$10 for an optional film screening at the Regent

**Contact:** Mr Hanson

# Mathematics Department

## Maths MAT111 Level 1

Eligible for endorsement? Yes

3 internals (11 credits)

3 externals (12 credits)

Pre-requisites: None

### In this course we will learn:

A range of mathematical skills with an emphasis on algebra as well as studying number and chance and data. This is an academic course and a scientific calculator is essential and a graphical calculator is recommended but essential if continuing on to Level 3 Mathematics.

### This course is useful for:

Students who eventually wish to advance to a Level 3 Mathematics or Statistics course or those students who want a career / further study in a scientific, engineering or maths based career.

### Next steps from this course:

Any Level 2 Maths or Statistics Course. You must be in this course to progress into MAT212.

**Contact:** Mrs Wheeler

## Maths MAT212 Level 2

Eligible for endorsement? Yes

2 internals (7 credits)

3 externals (13 credits)

Prerequisites: Achievement in both Algebra (MCAT) AS91027 and Graphs AS91028 with at least one Merit.

## In this course we will learn:

This course is predominantly algebra based but will also include, probability, calculus and graphs as well as some geometry. This course is required for students who wish to study calculus at Level 3 and supports other subjects offered in the curriculum including Statistics, Physics and Chemistry. A graphical calculator is essential for this course.

## This course is useful for:

Students who wish to continue to Level 3 mathematics courses and also those who are studying Statistics, Physics and Chemistry.

## Next steps from this course:

Any Level 3 Maths course. You must be in this course to progress to Level 3 Calculus.

**Contact:** Mrs Wheeler

## Maths Level 3

**MAT313**

Eligible for endorsement? Yes

4 internals (10 credits)

1 external (4 credits)

Prerequisites: At least 8 Level 2 Maths credits

## In this course we will learn:

About general aspects of mathematics including some algebra, programming and probability. This course is designed for students that do not meet the prerequisites for Calculus or Statistics but would like to continue on to Level 3 maths. A scientific calculator is essential for this course.

## This course is useful for:

Students who wish to continue a general mathematics course at Level 3 but do not wish to specialise in a particular strand of mathematics.

## Next steps from this course:

The sky's the limit!

**Contact:** Mrs Cropp

## General Maths Level 1

**MTH111**

Eligible for endorsement? Yes

3 internals (11 credits)

2 externals (8 credits)

Pre-requisites: None

## In this course we will learn to:

In this course you will learn a general level of mathematics as well as statistical and data analysis. It provides the general skills and knowledge required to apply mathematics in everyday life and develops skills in the specific areas necessary to proceed to Mathematics at Level 2.

A scientific calculator is essential and a graphical calculator is recommended but essential if continuing on to Level 3 statistics.

## This course is useful for:

Students who want to progress to Level 2 mathematics but not necessarily Level 3. The proportion of statistics in this course is useful for those students who want a career / further study in business, psychology or a statistics based career.

## Next steps from this course:

Any Level 2 Maths or Statistics Course except MAT212.

**Contact:** Mrs Wheeler

## General Maths MTH212 Level 2

Eligible for endorsement? Yes

4 internals (10 credits)

1 external (4 credits)

Prerequisites: Level 1 Numeracy and at least one Achievement Standard\*

\* at the discretion of the HoD

### In this course we will learn to:

This course is a general maths course for those students who wish to study maths at Level 2 and may or may not wish to continue to Level 3 or are unsure which strand of mathematics to continue with. A scientific calculator is essential and a graphical calculator is recommended but essential if continuing on to Level 3 statistics.

### This course is useful for:

Students who wish to study maths at Level 2 but may not wish to continue to Level 3 or are unsure which strand of mathematics to continue with.

### Next steps from this course:

MAT313 or STS313

**Contact:** Mrs Wheeler

## Numeracy MTT111 Level 1

Eligible for endorsement? No

3 internals (10 credits)

2 externals are optional

Pre-requisites: None

### In this course we will learn:

The general skills and knowledge required to apply mathematics in everyday life number and practical applications. It will enable students to achieve the 10 credits required to gain the Level 1 Numeracy standard. A scientific calculator is essential for this course.

### This course is useful for:

Students who are working below the expected curriculum level in Junior maths or those who wish to complete a maths course by completion of a portfolio of work (Unit Standards) rather than assignments and examination.

### Next steps from this course:

MTH212 or MTT212

**Contact:** Mrs Wheeler

## Maths with Geometry MAG111 Level 1

Eligible for endorsement? Yes

3 internals (12 credits)

1 external (4 credits)

Pre-requisites: None

### In this course we will learn:

A general level of mathematics as well as trigonometry, measurement and right angled triangles. Whilst learning many mathematical skills there will be an emphasis on geometry. A scientific calculator is essential for this course.

### This course is useful for:

Students that want to take a more geometry/measurement based mathematics course (potentially students doing trades / architecture / design / engineering etc).

### Next steps from this course:

MTH212 or MTT212

**Contact:** Mrs Wheeler

## Statistics MAS212 Level 2

Eligible for endorsement? Yes

5 internals (13 credits)

1 external (4 credits)

Pre-requisites: Numeracy, Literacy and Achievement in the Level 1 Chance and Data External (AS91267)

### In this course we will learn to:

In this course you will learn a small amount of algebra and graphs but predominantly statistics and data analysis which is an extremely important subject used in many careers. Students will learn to evaluate and interpret a range of statistics as well as write statistical reports. A graphical calculator is essential for this course.

### This course is useful for:

Students studying for business, social sciences and science based careers with a large emphasis on interpretation of data and writing statistical reports.

### Next steps from this course:

Level 3 Statistics\* or Maths\* this course is strongly recommended if you want to progress to STS313.

**Contact:** Mrs Wheeler

## Maths with Calculus CLC313 Level 3

Eligible for endorsement? Yes

2 internals (7 credits)

2 externals (12 credits)

Prerequisites: 10 Maths credits at Level 2 including Achievement in Algebra AS91261 and Calculus AS91262

### In this course we will learn:

In this course you will learn about calculus (extended algebra) and some geometry. This course has a high proportion of credits gained from external assessment. A graphical calculator and class workbook is essential for this course.

### This course is useful for:

Students who study Level 3 Physics and for those who like a challenge.

### Next steps from this course:

Studying a course involving mathematics beyond Level 3 (engineering, science, medicine etc).

**Cost:** Approximately \$15 for the class workbook

**Contact:** Ms Reij

## Maths with Statistics STS313 Level 3

Eligible for endorsement? Yes

3 internals (12 credits)

1 external (4 credits)

Prerequisites: 10 Maths credits at Level 2 including Achievement in Probability AS91267

### In this course we will learn:

About data and statistical analysis with an emphasis on evaluation and interpretation. Statistics is a key component for most university programmes. A graphical calculator is essential for this course.

### This course is useful for:

Students who wish to develop their report writing and it is good for supporting courses that use statistics such as Psychology, Biology, Business Studies.

### Next steps from this course:

Studying a course that involves statistics beyond Level 3 (Economics, Management, Social Sciences, Biological Science, Medicine etc)

**Contact:** Mrs Cropp

# Physical Education

## Health Level 1

HLT111

Eligible for endorsement? Yes

3 internals (11 credits)

1 externals (4 credits)

1 optional external (4 credits)

Pre-requisites: None

### In this course we will learn to:

This course aims to build on content covered in Junior Health. Level 1 Health largely focuses on influences on wellbeing, health issues and needs, and health enhancing strategies at personal, interpersonal and societal levels.

In this course students will participate in a wide range of learning activities that will help to develop health literacy. A health literate person is an independent learner who is able to think critically about a range of issues, problem solve and make informed decisions in order to promote and maintain health for themselves, others and society.

### This course is useful for:

Students who are looking for academic pathways to tertiary study. It will be helpful for developing critical thinking skills and the ability to view health related issues from a range of different perspectives. Students will also start to develop research skills and understanding of how to reference material that is not their own. This course allows students to gain Merit and Excellence endorsement.

### Next steps from this course:

This course leads students into NCEA Level 2 Health.

**Contact:** Miss Thompson or Ms Cooper

## Health Level 2

HLT212

Eligible for endorsement? Yes

3 internals (15 credits)

1 externals (4 or 5 credits)

Pre-requisites: 14 credits in Level 1 Health

### In this course we will learn to:

This course aims to build on content covered in Level 1 Health. Level 2 Health largely focuses on using the socio-ecological perspective to analyse a range of health issues. This involves explaining influences, consequences and strategies at personal, interpersonal and societal levels. In this course we will participate in a wide range of learning activities that will help to develop health literacy. A health literate person is an independent learner who is able to think critically about a range of issues, problem solve and make informed decisions in order to promote and maintain health for themselves, others and society.

### This course is useful for:

Students who are looking for academic pathways to tertiary study. It will be helpful for developing critical thinking skills and the ability to view health related issues from a range of different perspectives. Students will also start to develop research skills and understanding of how to reference material that is not their own. This course allows students to gain Merit and Excellence endorsement.

### Next steps from this course:

This course leads students into NCEA Level 3 Health.

**Contact:** Ms Cooper or Miss Dickson



## Health Level 3 HLT313

Eligible for endorsement? Yes

3 internals (14 credits)

1 external (5 credits)

Pre-requisites: 14 credits in Level 2 Health or HoD discretion

### In this course we will learn to:

This course aims to build on content covered in Level 2 Health. Level 3 Health focuses on analysing a range of current health issues and evaluating New Zealand health practices. In this course, students will be expected to apply a critical perspective when analysing health issues and challenge taken-for-granted assumptions. Students will also be expected to further develop and demonstrate comprehensive understanding of the underlying health concepts (attitudes and values, hauora, socio-ecological perspective, and health promotion) and reflect this throughout the course.

### This course is useful for:

This course is useful for students who are interested in an academic pathway to tertiary study. It will be helpful for developing literacy skills and critical thinking skills. Students will also develop their research skills and the ability to reference material that is not their own therefore this course will be useful preparation for writing reports and essays. This course allows students to gain Merit and Excellence endorsement.

### Next steps from this course:

Next steps from this course include tertiary study at a polytechnic or university. Health Education leads to a range of pathways in the health sector. In this course students would develop skills and knowledge that would help them prepare for a Health Sciences degree.

**Contact:** Ms Cooper

## Physical Education Level 1 PED111

Eligible for endorsement? Yes

Minimum of 18 internal credits

No externals available in PE

Pre-requisites: None

### In this course we will learn to:

NCEA Level 1 Physical Education is about learning in, through and about movement. This class will co-construct the Achievement Standards offered at the beginning of the year, with a minimum of 18 credits being offered. Standards offered in Physical Education look at not only the practical performance a student can demonstrate, but could also include factors that influence participation, interpersonal skills which enable positive participation, principles of skill learning, the anatomical structure of the body, biomechanical principles and physiological responses to exercise. There is a strong theoretical component to this class and students can expect to spend equal time in the classroom as they do being active.

### This course is useful for:

Developing knowledge about a range of concepts relating to the body and how it functions in relation to physical activity. It will also help with skill development and coaching, and will help students to develop understanding of how they can manage and enhance aspects of wellbeing. This course is useful for students who are interested in tertiary study, particularly within Health Sciences and Physical Education. It is also useful for students who are interested in jobs within the exercise and health sectors, for example, as a Personal Trainer or Nutritionist. This course allows students to gain Merit and Excellence endorsement without the need for external exams.

### Next steps from this course:

This course will lead students into NCEA Level 2 Physical Education or NCEA Level 2 Sport, Fitness and Recreation.

**Contact:** Miss Thompson or Ms Cooper

## Physical Education Level 2 PED212

Eligible for endorsement? Yes

Minimum of 16 internal credits

No externals available in PE

Pre-requisites: 14 credits in Level 1 PE including AS 90963 or course teacher/HoD discretion

### In this course we will learn to:

NCEA Level 2 Physical Education looks to build on the knowledge gained in Level 1 PE. This class will co-construct the Achievement Standards offered at the beginning of the year, with a minimum of 16 credits being offered. There are a variety of Achievement Standards available in Level 2 which will provide students with opportunities to develop a range of interpersonal skills, physical ability and critical thought processes. The theme that runs throughout the year is social responsibility which will allow students to explore levels of participation and the impact this has on self, others and society. There is an expectation that students will be willing to accept challenges and take on leadership roles as many of the Achievement Standards include this.

### This course is useful for:

This course is useful for developing character and skills and students will be provided with opportunities to apply the knowledge they have gained in previous years. This course would benefit students who are interested in tertiary study, particularly within Health Sciences and Physical Education. It is also useful for students who are interested in jobs within the exercise and health sectors, for example, as a Personal Trainer or Nutritionist. This course allows students to gain Merit and Excellence endorsement without the need for external exams.

### Next steps from this course:

This course leads students into NCEA Level 3 Physical Education or NCEA Level 3 Environmental Sustainability and Leadership in Outdoor Recreation.

**Contact:** Ms Cooper or Miss Thompson

## Physical Education Level 3 PED313

Eligible for endorsement? Yes

Minimum of 15 internal credits

No externals available in PE

Pre-requisites: 14 credits in Level 2 PE or HoD discretion

### In this course we will learn to:

NCEA Level 3 Physical Education provides opportunities for students to apply skills and knowledge that they have developed in Level 1 and 2 Physical Education. This class will co-construct the Achievement Standards offered at the beginning of the year, with a minimum of 15 credits being offered. Within these Achievement Standards students will have opportunities to analyse physical skills and practice to improve their performance in these skills, look at the role physical activities have had in their life and devise strategies for lifelong wellbeing, and run a health promotion initiative for the local community and then evaluate how this influenced participation.

### This course is useful for:

Developing important life skills that students can apply beyond the classroom. This course would benefit students who are interested in tertiary study, particularly within Health Sciences and Physical Education. It is also useful for students who are interested in jobs within the exercise and health sectors, for example, as a Personal Trainer or Nutritionist. This course allows students to gain NCEA Level 3 credits that count towards University Entrance. Merit and Excellence endorsement are attainable in this course without the need for external exams.

### Next steps from this course:

Next steps from this course include tertiary study at a polytechnic or university. There are many tertiary study options available to students who have studied Physical Education through to Level 3 NCEA.

**Contact:** Mr Bermingham or Ms Cooper

## Sports, Fitness and Recreation Level 1 SFR111

Eligible for endorsement? No

Minimum of 18 internal credits (Achievement Standards and Unit Standards), including 6 optional credits through participation at a Adventure Based Learning Camp at the Boyle River Outdoor Education Centre.

Pre-requisites: None

### In this course we will learn to:

In NCEA Level 1 Sport Fitness and Recreation we aim to build on content covered in Junior Physical Education. This class will co-construct the Achievement Standards and Unit Standards offered at the beginning of the year, with a minimum of 18 credits being offered. This could include an optional week long adventure based learning camp, as well as a range of other outdoor recreation experiences. Students will participate in a variety of physical activities and will have the opportunity to develop understanding of factors that influence participation, as well as developing social and physical skills. Personal time management is vital for students in this course due to the amount of time spent outside the classroom participating in the experiences offered. This course is predominantly practical based, however students should also expect some theory components.

### This course is useful for:

Students who are looking to develop skills in sport, fitness and outdoor recreation activities. As well as developing physical skills, students will also develop social skills that will be beneficial in group situations in a range of settings. This course is useful for students who are interested in jobs within the exercise, outdoor recreation or adventure tourism sectors, for example, as a Personal Trainer or Outdoor Instructor.

### Next steps from this course:

This course will lead students into NCEA Level 2 Sport, Fitness and Recreation. For those who wish to further expand their learning in Outdoor Education there are options available through the Trades Academy at NCEA Level 2 and 3.

**Contact:** Ms Cooper

## Sports, Fitness and Recreation Level 2 SFR212

Eligible for endorsement? No

Minimum of 16 internal credits (Achievement Standards and Unit Standards)

Pre-requisites: None

### In this course we will learn to:

In NCEA Level 2 Sport Fitness and Recreation we aim to build on content covered in Level 1 Sport Fitness and Recreation or Level 1 Physical Education. This class will co-construct the Achievement Standards and Unit Standards offered at the beginning of the year, with a minimum of 16 credits being offered. Students will participate in a variety of physical activities which will provide them with opportunities to develop physical skills and social responsibility. Activities could include sports, fitness related activities and a range of outdoor recreation experiences such as rafting, tramping, camping or cycling. Personal time management is vital for students in this course due to the amount of time spent outside the classroom participating in the experiences offered. This course is predominantly practical based, however students should also expect some theory components.

### This course is useful for:

Students who are looking to develop skills in sport, fitness and outdoor recreation activities. As well as developing physical skills, this course is also useful for character development and personal growth. This course is beneficial for students who are interested in jobs within the exercise, outdoor recreation or adventure tourism sectors, for example, as a Personal Trainer or Outdoor Instructor.

### Next steps from this course:

This course leads students into NCEA Level 3 Environmental Sustainability and Leadership in Outdoor Recreation. For those who wish to further expand their learning in Outdoor Education there are options available through the Trades Academy at NCEA Level 3.

**Contact:** Ms Cooper

## Environmental Sustainability and Leadership in Outdoor Recreation

LOR313

### Level 3

Eligible for endorsement? No

15-35 possible internal credits (Achievement Standards and Unit Standards)

Pre-requisites: None

#### In this course we will learn to:

Environmental Sustainability and Leadership in Outdoor Recreation looks to provide students with opportunities to develop skills and knowledge that will prepare them for a job or further study within the recreation, conservation or adventure tourism sectors. There are four main themes in this course; recreation, conservation and sustainability, adventure tourism and preparing for the future. Students will spend time interacting with industry experts to learn key skills from them and to contribute back to the land and local community. There will also be opportunities for students to develop understanding of how to create an adventure based tourism business. Personal time management is vital for students in this course due to the amount of time spent outside the classroom participating in the experiences offered. Each student will be responsible for developing skill performance within an elected outdoor activity, for example, snowboarding, skiing, surfing, rock climbing, mountain biking or another approved activity. It's expected that they develop these skills in their own time and are advised to join a club to access expert knowledge, skill and resources. Students will be assessed on their skill level.

#### This course is useful for:

Developing professional character and employability skills. This course will be beneficial for students who are interested in a pathway within the recreation, conservation, environmental sustainability or adventure tourism sectors. Students will network with industry specialists which will provide them with an opportunity to make connections for taking their next steps in this sector, whether that be in a job or further study.

#### Next steps from this course:

This course could lead into a career as an outdoor instructor, adventure or eco-tourism guide, conservation worker or environmental educator. Students could seek a job in this industry after completing this course or they could complete tertiary study to gain further qualifications and experience.

**Contact:** Miss Thompson

# Science

## General Science SCIENCE111 Level 1

Eligible for endorsement? Yes

2 internals (7 credits)

3 externals (12 credits)

Pre-requisites: None

### In this course we will learn to:

- How forces create motion and affect objects.
- Practical investigation skills.
- Type 2 Diabetes and how it affects us and the our community.
- The chemical nature of substances and how acids and bases react.
- Genetic code and how genetic variation leads to a change in species.

### This course is useful for:

The course covers concepts and themes from across the Science strands to open a wide pathway for students through to further Senior Sciences. It also provides a sound foundation of science literacy and capabilities for students to apply to their everyday life.

### Next steps from this course:

Biology 212, Chemistry 212, Physics 212, Vocational Science 212

**Cost:** SCIPAD \$18 (voluntary)

**Contact:** Mrs Newberry

## Vocational Science VSC111 Level 1

Eligible for endorsement? No

5 internals (20 credits)

0 externals (0 credits)

Pre-requisites: None

### In this course we will learn to:

This is an internally assessed course in which students look at the use of metals in society, heat transfer, the use of microorganisms in industry and NZ geology. For those who aren't on trades an internal looking at air rockets and pressure is offered.

### This course is useful for:

Students taking trades and those wanting a course that is more hands on branching away from the more traditional core science subjects.

### Next steps from this course:

Vocational Level 2.

**Contact:** Mr T McGirr

## Biology BIO212 Level 2

Eligible for endorsement? Yes

3 internals (10 credits)

2 externals (8 credits)

Pre-requisites: 12 Level 1 Science credits (including AS 1.9), plus 8 Level 1 English credits.

NCEA Level 1 Numeracy (4 credits)

NCEA Level 1 literacy (11 credits)

### In this course we will learn to:

Biology helps us understand the big picture of life on Earth. This course builds on Level 1 ideas about genetic variation by investigating the interconnectedness of all living things at the cellular, organism and ecosystem levels. Using an understanding of DNA and gene expression, we explore the way living things maintain their continuity through inheritance as well as undergoing evolutionary change.

### This course is useful for:

The study of biology connects us to the world we are living in and reminds us of our interconnectedness with all other life forms. It develops awareness of the significance of New Zealand's unique fauna and flora and distinctive ecosystems.

It provides opportunities to learn about the processes of all living things. What students learn is directly relevant to our species and environment. Biology helps you to build up research, problem solving, organisation and analytical skills.

Entry to Level 3 Biology or gaining entry to pre health science courses at Polytech.

### Next steps from this course:

Biology 313.

Polytechnic pre Health Sciences and laboratory technician qualifications.

**Cost:** \$20 Biozone NCEA Level 2 External (voluntary) Field trips TBA

**Contact:** Mrs Newberry

## Chemistry Level 2

**CHEM212**

Eligible for endorsement? Yes

3 Internals (10 credits)

2 Externals (9 credits)

Pre-requisites: 12 Level 1 credits in science, including at least A in the "Demonstrate understanding of aspects of acids and bases" external in Physical Science.

### In this course we will learn to:

In this course we will learn to identify unknown ions in solution, measure the exact concentrations of various substances and research the development of modern chemical technologies.

We will also be looking into the theories about chemical structure and reactivity, focusing on acid-base chemistry and inorganic substances.

### This course is useful for:

Chemistry enables us to understand the properties of different materials and to transform them into new and useful substances. The subject gives us understandings on which to base educated choices about consumer products and management of resources.

Studying chemistry also provides excellent training for a wide range of careers including marketing and project management, Food Science, environmental science and forensic science. The skills of numeracy, problem solving, and communication are integral to all study in chemistry.

### Next steps from this course:

This subject leads in to Level 3 Chemistry. Many degree courses at University require Chemistry as either a prerequisite or a recommended subject, as do many polytechnic and technician qualifications.

**Contact:** Dr Hunter

## Physics Level 2

**PHYSICS 212**

Eligible for endorsement? Yes

2 internals (7 credits)

3 externals (16 credits)

Pre-requisites:

- AS 91027 - Algebra
- AS 90940 - Mechanics **OR** AS 90941 - Electricity & Magnetism

### In this course we will learn to:

- Carry out a practical physics investigation that leads to a non-linear mathematical relationship - AS 91168
- Demonstrate understanding of waves - AS 91170
- Demonstrate understanding of mechanics - AS 91171
- Demonstrate understanding of atomic and nuclear physics - AS 91172
- Demonstrate understanding of electricity and electromagnetism - AS 91173

### This course is useful for:

Understanding why things in the natural world happen the way they do. It enables us to explain, for example, how buildings move in an earthquake, why a car takes as long as it does to come to a stop when the brakes are applied, why the sky is blue and grass green, and why the supports of a bridge have to be of certain dimensions.



The knowledge and processes used by physics have produced new and exciting technologies that are in everyday use. Almost any example of modern technology has its origins in mechanics, optics, electronics, thermodynamics, nuclear physics, or some other branch of physics. Physicists are challenged to discover how nature works; along the way, they get to know the excitement of explaining, seeing, or doing something that no one has understood or done before.

### Next steps from this course:

Level 3 Physics at School and Tertiary level. Skills learnt include: the ability to grasp things quickly, focused solution finding, plus problem solving, analytical, mathematical, and IT skills.

People with a background in physics are found in all these areas and more: telecommunications, space, medicine, finance, law, music, television, environment, architecture, civil engineering, sports, gaming, energy, and education.

### Cost:

- Physics Level 2 Workbook for NCEA Level 2 Physics (Cengage) - \$24 (voluntary)
- Canterbury University Chemistry Physics Field Trip - \$15 (voluntary)

**Contact:** Mr Gallagher

## Vocational Science Level 2 VOSC212

Eligible for endorsement? No

5 internals (21 credits)

Pre-requisites: VSC111 or SCI 111

An interest in the subject.

NCEA Level 1 Numeracy (4 credits)

NCEA Level 1 literacy (12 credits)

### In this course we will learn to:

- Discover how geological formations are made.
- Investigate how organisms can survive extreme conditions.
- Demonstrate understanding of the causes of extreme Earth events in New Zealand.
- Demonstrate introductory knowledge of circuit concepts and measurements for electronics.
- Carry out a practical agricultural or horticultural investigation.

### This course is useful for:

This course is ideal for students wishing to incorporate a science into their studies. It also provides a sound foundation of science literacy and capability for students to apply to their everyday life.

### Next steps from this course:

Vocational Science 313

Geography L3

**Contact:** Mr T McGirr

## Biology Level 3

**BIO313**

Eligible for endorsement? Yes

3 internals (10 credits)

2 externals (9 credits)

Pre-requisites: At least 12 credits in Biology 212

### In this course we will learn to:

- The responses of plants and animals to their external environment (including practical investigation).
- Trends in human evolution.
- How an animal maintains a stable internal environment and develop an informed response.
- A socioscientific issue.

## This course is useful for:

Biologists try to understand how animals and organisms work (including us humans), how we evolved and the things that can make us sick or improve our health.

Biologists use this knowledge to do things like try to stop the spread of disease, track down natural resources, improve public health, animal care and conservation and work out the true impacts of things like pollution.

Level 3 Biology opens up many career opportunities through further studies at University, Polytechnic and is at the heart of many social and economic issues.

## Next steps from this course:

This course is intended to lead on to tertiary study at universities or polytechnics.

Biology opens up exciting career possibilities. From conservation to cancer research, and tackling important 21st century challenges, Skills learnt include – everything from analytical thinking to writing reports.

**Cost:** \$20 Biozone NCEA Level 3 External (voluntary), Field trip to Orana Park, Christchurch costs to be advised

**Contact:** Mrs Newberry

## Chemistry Level 3

**CHEM313**

Eligible for endorsement? Yes

3 Internals (10 credits)

2 Externals (10 credits)

Pre-requisites: At least 14 credits in Level 2 Chemistry

## In this course we will learn to:

In this course we will learn to predict and explain the properties of different chemicals using relevant theories. We cover organic molecules, reactions, molecular shapes and thermodynamics.

We will also conduct an extended investigation measuring the stability of Vitamin C, and learn to identify unknown chemicals based on Infrared and Nuclear Magnetic Resonance spectroscopy.

## This course is useful for:

Chemistry is the study of matter, and is fundamental to many areas of science, such as pharmacy, forestry, geology, medicine, engineering, brewing, nutrition, environmental science and many more.

## Next steps from this course:

This course is intended to lead on to tertiary study at universities or polytechnics.

**Contact:** Dr Hunter

## Physics Level 3

**PHYSICS  
313**

Eligible for endorsement? Yes

3 Internals (10 credits)

3 Externals (16 credits)

Prerequisites:

- AS 91168 - Lab
- AS 91170 - Waves
- AS 91171 - Mechanics
- AS 91173 - Electricity & Electromagnetism

## In this course we will learn to:

- Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship - AS 91521
- Demonstrate understanding of wave systems - AS 91523
- Demonstrate understanding of mechanical systems - AS 91524
- Demonstrate understanding of Modern Physics - AS 91525
- Demonstrate understanding of electrical systems - AS 91526
- Use physics knowledge to develop an informed response to a socio-scientific issue - AS 91527

## This course is useful for:

This course is useful for understanding why things in the natural world happen the way they do. It enables us to explain, for example, how buildings move in an earthquake, why a car takes as long as it does to come to a stop when the brakes are applied, why the sky is blue and grass green, and why the supports of a bridge have to be of certain dimensions.

The knowledge and processes used by physics have produced new and exciting technologies that are in everyday use. Almost any example of modern technology has its origins in mechanics, optics, electronics, thermodynamics, nuclear physics, or some other branch of physics. Physicists are challenged to discover how nature works; along the way, they get to know the excitement of explaining, seeing, or doing something that no one has understood or done before.

### Next steps from this course:

Next steps from this course is study at Tertiary level. Skills learnt include: the ability to grasp things quickly, focused solution finding, plus problem solving, analytical, mathematical, and IT skills. People with a background in physics are found in all these areas and more: telecommunications, space, medicine, finance, law, music, television, environment, architecture, civil engineering, sports, gaming, energy, and education.

### Cost:

- Physics Level 3 Workbook for NCEA Level 3 Physics (Cengage) - \$24 (voluntary)
- Canterbury University Chemistry Physics Field Trip - \$15 (voluntary)

**Contact:** Mr Gallagher

## Earth Space Science Level 2

**ESS313**

Eligible for endorsement? Yes

3 internals (12 credits)

1 externals (4 credits)

Prerequisites: 8 credits from any Level 2 Science. An interest in the subject

### In this course we will learn to:

In this course we will investigate major events in geologic history, the processes within the atmospheric system (e.g. convection cells, climate and global trends), investigate an aspect of astronomy and carry out a practical Earth and Space Science investigation.

### This course is useful for:

Those with an interest in the geologic, atmospheric and space sciences. Sound literacy skills are preferred along with an interest in the subject.

### Next steps from this course:

University or Polytechnic. Useful for those seeking to study Geology or Geography at a higher level.

**Contact:** Mr T McGirr

## Social Sciences

### Classical Studies Level 2 CLS212

Eligible for endorsement? Yes

2 internals (10 credits)

2 externals (10 credits)

Pre-requisites: 14 AS Credits in a language rich subject at Level 1 or at the discretion of the HOD.

NCEA Level 2 literacy? Yes

UE literacy? Yes

#### In this course we will learn to:

In this course will engage the minds and imaginations of students through the study of literature, history and art in the context of ancient Greece and Rome.

This course seeks to introduce and develop the interest and understanding of ancient civilisations and how they have impacted on modern societies around the world.

This study works hard on the development of skills and techniques of research, structured writing and the understanding and analysis of ideas and sources.

From this course students will develop an understanding and knowledge of the following concepts:

- citizenship and society;
- culture and identity;
- empire and power;
- conflict;
- art and aesthetics;
- heritage.

These concepts and ideas will be covered in the topics of Athenian art and architecture, Roman social life and Pompeii and Homer's 'Odyssey'.

#### This course is useful for:

Students who are interested in ancient history and other cultures. This study works on the development of skills and techniques of research, structured writing and the understanding and analysis of ideas and sources.

#### Next steps from this course:

Next steps from this course are to take Level 3 Classical Studies, History or Geography.

**Cost:** TBC

**Contact:** Mrs Bermingham

### Classical Studies Level 3 CLS313

Eligible for endorsement? Yes

2 internals (12 credits)

2 externals (10 credits)

Pre-requisites: 14 Achievement Standard credits in Classics

NCEA Level 1 Numeracy? No

NCEA Level 1 literacy? Yes

UE literacy? Yes

#### In this course we will learn to:

This course seeks to continue and develop the interest and understanding of ancient civilisations and how they have impacted on modern societies around the world. By studying ancient Greece and Rome you will have a better understanding of the cultural history of Western Europe which is an important part of New Zealand culture. Much of our art, science, literature, law, philosophy, politics and religion comes from ancient Greece and Rome.

From this course students will develop an understanding and knowledge of the following concepts:

- citizenship and society;
- culture and identity;
- empire and power;
- conflict;
- art and aesthetics;
- heritage.

These concepts and ideas will be covered in the topics of Beauty in the ancient world, Roman art and architecture, Alexander the Great and Virgil's 'Aeneid'

### This course is useful for:

Students who are interested in ancient history and other cultures. This study works on the development of skills and techniques of research, structured writing and the understanding and analysis of ideas and sources.

### Next steps from this course:

Next steps from this course is to go onto university study in the area of Humanities. Studying a classics degree provides you with relevant skills which can be applied in a range of sectors, including museum and gallery work, legal, teaching and academia, media and broadcasting, film and television, banking, human resources, archeology, consultancy and marketing.

**Cost:** TBC

**Contact:** Mrs Bermingham

## Geographical Science Level 1 GSC111

Eligible for endorsement? Yes

Up to 21 credits chosen from a range of standards (including up to 8 credits externally)

Pre-requisites: NIL

### In this course we will learn to:

This course is for students who wish to explore the environment and issues that affect the world around them. A key focus of this course is the relationship between people and our planet. This course aims to develop an understanding of the impacts of human behaviour within our environment and how to address these issues.

Contexts covered include extreme natural events, computer modelling GIS, sustainability and resource issues in a world that is increasingly under pressure.

### This course is useful for:

Geography equips students with skills for the future giving them the knowledge and skills to interpret the world in which they live. Students will become more independent in researching current events and making informed decisions based on scientific knowledge.

### Next steps from this course:

This course leads to L2 and then L3 Geography. You need 12 credits including at least one external from L1 to move on to L2.

There are many types of jobs that fit well with geography qualifications such as geologist, weather person, systems analyst, tourism developer, city planner, parks and recreation management or even a teacher.

### Cost:

- Field trip – a 2-3 day field trip is part of this course. We keep costs as low as possible but may be up to \$250. Fundraising will be done if students are interested.
- Clear file folder
- \$5 printer credit

**Contact:** Mr Ellis or Ms Seyb

## Geographical Science Level 2 GSC212

Eligible for endorsement? Yes

3 internals (11 credits)

2 externals (8 credits)

### Pre-requisites:

- 12 credits in Geography Level 1 (including 1 external) or
- 12 credits in History Level 1 (including 1 external) or
- 14 credits in Level 1 Achievement Standard Science (including 1 external)
- HOD discretion applies to those not meeting the prerequisites, good literacy and a strong interest will be looked for.

## In this course we will learn to:

This course is for students who wish to explore the environment and issues that affect the world around them. A key focus of this course is the relationship between people and our planet. This course aims to develop an understanding of the impacts of human behaviour within our environment and how to address these issues. Students will become more independent in researching current events and making informed decisions based on scientific knowledge.

Students will investigate geographic concepts and ideas through:

- Understanding the formation, change and human interaction with a large natural environment.
- Applying skills and concepts which explain an environment.
- Conducting guided geographic research.
- Examining contemporary geographic issues - locally and globally

## This course is useful for:

This course is useful for students to develop an understanding of the world around them and their place in it.

Geography stimulates a sense of wonder about the world and geography students are better able to make sense of a complex and changing world.

Geography equips students with skills for the future giving them the knowledge and skills to interpret the world in which they live.

## Next steps from this course:

This course leads to L3 Geography and then on to University. You need 14 credits including at least one external from L2 to move on to L3.

There are many types of jobs that fit well with geography qualifications such as geologist, systems analyst, weather person, tourism developer, city planner, careers in parks and recreation management or even a teacher.

**Cost:** Field trip – a 3 - 5 day field trip is part of this course. We keep costs as low as possible but may be up to \$300. Fundraising will be done if students are interested.

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**Contact:** Mr Ellis or Ms Seyb

## Geography Level 3

**GEO313**

Eligible for endorsement? Yes

3 internals (11 credits)

2 externals (8 credits)

Pre-requisites:

- 12 credits in Geography Level 2 (including 1 external) OR
- 12 credits in History Level 2 (including 1 external) OR
- 14 credits in Level 2 Achievement Standard Science (including 1 external)
- HOD discretion applies to those not meeting the prerequisites, good literacy and a strong interest will be looked for.

## In this course we will learn to:

This course is for students who wish to explore the environment and issues that affect the world around them. In this course we will build on the geographic skills developed in previous years with a focus on building analytical skills. Students will do this through a variety of learning contexts such as field trip work, performing research and engaging with the local natural and cultural environment.

From this course students will develop an understanding of;

- How cultural processes shape an environment
- Analysing a contemporary geographic event
- Conducting geographic research
- Analysing aspects of a contemporary geographic issue - at local and global scales
- Demonstrating understanding of a geographic environment through application of geographic concepts and skills

## This course is useful for:

This course is useful for those who have an interest in the world's natural and cultural environments and how the world works. It builds analytical skills to be able to understand issues in an open minded and critical manner and use evidence to make judgements on best courses of action. These skills are applicable across subjects and are valuable in a wide range of careers.

Geography equips students with skills for the future giving them the knowledge and skills to interpret the world in which they live.



## Next steps from this course:

University or tertiary courses. Many types of jobs fit well with geography qualifications such as geologist, weather person, tourism developer, city planner, working with natural environments or even a teacher.

**Cost:** Field trip – a 3 - 5 day field trip is part of this course. We keep costs as low as possible but may be up to \$300. Fundraising will be done if students are interested

**Contact:** Mr Ellis or Ms Seyb

## History Level 1

**HIS111**

Eligible for endorsement? Yes

Up to 22 credits including (8 credits externally)

Pre-requisites: No pre requisites

## In this course we will learn to:

This course introduces students to the skills for studying history through the context of the 20th Century World. Students will focus on two main areas of study in this course: World War One and Black Civil Rights in the USA. Students will develop the skills to analyse a range of sources in order to understand what happened in the past and how it affects us today. Students will develop their ability to present ideas clearly and logically.

## This course is useful for:

History encourages an informed understanding of the origins of our diverse society in Aotearoa New Zealand. An awareness of history inspires students to become confident, questioning, and empathetic individuals.

History equips students with knowledge and skills that are valuable and useful throughout life.

## Next steps from this course:

This course leads to Level 2 and then Level 3 History, and then on to University and careers as diverse as advertising, media, law, policy analysis, government intelligence, museum curation, journalism, or research assistants.

**Cost:** TBC

**Contact:** Ms Seyb or Mrs Bermingham

## History Level 2

**HIS212**

Eligible for endorsement? Yes

Up to 21 credits chosen from a range of standards (including up to 8 credits externally)

Pre-requisites:

12 credits in either History or English Achievement Standards at Level 1

## In this course we will learn to:

In History you will learn about things that happened in the past and how they have influenced New Zealand and the wider world in the present day. Topics are likely to include, important protests in New Zealand's past and intolerance in Nazi Germany. You will be encouraged to engage with the past by asking questions, participating in discussions and drawing informed conclusions about what you are learning.

## This course is useful for:

History encourages an informed understanding of the origins of our diverse society in Aotearoa New Zealand. An awareness of history inspires students to become confident, questioning, and empathetic individuals. History equips students with knowledge and skills that are valuable and useful throughout life.

## Next steps from this course:

This course leads to Level 3 History, and then on to University and careers as diverse as advertising, media, law, policy analysis, government intelligence, museum curation, journalism, research assistants, or being an officer in the armed forces.

**Cost:** TBC

**Contact:** Ms Seyb

## History Level 3

**HIS313**

Eligible for endorsement? Yes

Up to 20 credits chosen from a range of standards (including up to 10 credits externally)

Pre-requisites: 12 Achievement Standard Credits in Level 2 English

## In this course we will learn to:

In this course you will learn about things that happened in the past and how they have influenced New Zealand and the wider world in the present day. You will be encouraged to engage with the past by asking questions, participating in discussions and drawing informed conclusions about what you are learning. The course content will include aspects of the Cold War and 19th Century NZ History. You will also complete a research assignment on a significant event in history of your own choice.

## This course is useful for:

History encourages an informed understanding of the origins of our diverse society in Aotearoa New Zealand. An awareness of history inspires students to become confident, questioning, and empathetic individuals. This course is useful for developing skills in effective essay writing, in analysing historical resources and in drawing conclusions based on evidence, effective research methods, clear written and verbal communication.

## Next steps from this course:

This course leads on to University and careers as diverse as advertising, media, law, policy analysis, government intelligence, museum curation, journalism, research assistants, or being an officer in the armed forces.

**Cost:** 5 Day field trip to Wellington cost to be advised

**Contact:** Ms Seyb

## Psychology and Legal Studies Level 2

**PLS212**

Eligible for endorsement No

Up to 21 internal credits chosen from a range of standards

Pre-requisites:

12 Achievement Standard credits in Level 1 English or a Level 1 Social Science.

## In this course we will learn to:

This course is an integrated mix of Psychology and Legal Studies. The exact standards being offered will depend on the interests of the class.

This course provides an introduction to psychology by examining various explanations of human behaviour. Students are introduced to key theories and the application of findings from the different psychological approaches. Students will also learn to apply experimental research methods, conducting a psychological experiment as part of the internal assessment requirements.

The Legal Studies component could include a range from the following; concepts of law and justice, law making processes, and disputes resolution, consumer law, and crime

## This course is useful for:

This course draws on skills from a number of different disciplines. These include skills in critical thinking, scientific inquiry, research, and writing. Psychology and Legal Studies will integrate, consolidate, and further develops these skills.

Discussions will offer opportunities to explore values such as diversity, equity through social justice, and ethical and respectful behaviour towards the rights of others.

## Next steps from this course:

This course leads to Psychology and Legal Studies at Level 3 as well as developing skills that will be useful in English, History, Geography, Economics or Business.

Learning in psychology and legal studies provides a strong foundation for other career areas such as mental health, education, training, marketing, leadership, management, business, law, and politics.

**Cost:** Stationery and possible local field trip

**Contact:** Ms Seyb

## Psychology and Legal Studies PLS313 Level 3

Eligible for endorsement? Yes

Up to 21 credits chosen from a range of standards (including up to 4 credits externally)

Pre-requisites:

12 AS Credits in Level 1 English and 7 Level 2 AS English or Social Science credits.

Students will be expected to read and complete research therefore a reasonable literacy level is required.

### In this course we will learn to:

This course is an integrated mix of Psychology and Legal Studies. The exact standards being offered will depend on the interests of the class.

The Psychology aspects could include; an in-depth look at how we think, feel and behave in a variety of settings. Theories about human behaviour in areas such as social psychology, abnormal psychology and controversial psychological issues.

The Legal Studies component could include; the application of a concept of law such as crime or natural justice to real situations, the law making process and concepts of democracy and government.

### This course is useful for:

This course develops skills in critical thinking, scientific inquiry, research, and writing. Psychology and Legal Studies will integrate, consolidate, and further develop these skills.

Discussions will offer opportunities to explore values such as diversity, equity through social justice, and ethical and respectful behaviour towards the rights of others.

### Next steps from this course:

This course leads on to tertiary study by developing skills that will be useful in English, History, Geography, Economics, Psychology, Law or Business. Learning in psychology and legal studies provides a strong foundation for career areas such as mental health, education, training, marketing, leadership, management, business, law, and politics.

**Cost:** Stationery and possible local field trip

**Contact:** Ms Seyb

## Te Reo Māori REO111, REO212, Level 1, 2, 3 REO313

Eligible for endorsement? No

Approximately 12 internal credits  
Exact mix will be based on the student interests and needs

Pre-requisites: Open entry to course.

To progress to Level 2 or 3 students will need to have completed 12 credits in the previous level.

### In this course we will learn to:

This course will enable students to communicate in Te Reo within a range of familiar situations using appropriate listening, speaking, reading and writing skills. Students will also develop an understanding and appreciation of Tikanga Māori/Māori values and customs.

Students will also be encouraged to participate in the Trades Academy Manaaki Tāpoi

### This course is useful for:

This course will:

- Make use of context and familiar language to understand instructions and information in formal and informal contexts
- Understand specific details in context that may contain some unfamiliar language
- Distinguish between past and present actions and states
- Make use of context and familiar language to understand written instruction and information in formal and informal contexts
- Initiate and sustain more extended conversations Use appropriate pronunciation, stress, rhythm and intonation
- Use appropriate writing conventions
- Learning Māori will provide an enhanced understanding of our culture and society.

## Next steps from this course:

Next steps from this course is Level 2 and 3 Te Reo Māori

Study of Māori Language offers many areas for graduates to pursue careers in: teaching, research, archives, property, administration, policy advice, health work and social work. Knowledge of Mātauranga and te reo Māori is increasingly expected and required of those seeking to study in Postgraduate courses at University.

**Cost:** TBC

**Contact:** Whaea Catherine

## Māori Performing Arts MPA111 Level 1

Eligible for endorsement? No

Approximately 12 internal credits  
Exact mix will be based on the student interests and needs

Pre-requisites:

Open entry to course. A genuine interest and confidence in performing is needed

To progress to Level 2 or 3 students will need to have completed 12 credits in the previous level.

## In this course we will learn to:

Qualification: NCEA Level Two and Three.

Entry Requirements: MPA212 or HoD discretion.

This is an introductory course for beginners or others who have a minimal knowledge of traditional and contemporary Māori performing arts. The course is strongly practical. It will stress the fundamentals of performance and the various social, cultural and political settings that give it meaning.

## This course is useful for:

Students will learn to:

- Demonstrate knowledge and application of Māori Performing Arts disciplines
- Show understanding of the meaning of Māori Performing Arts disciplines
- Communicate personal implementation of learning using Te Reo Māori

## Next steps from this course:

Level 2 and 3 Māori Performing Arts

**Cost:** TBC

**Contact:** Whaea Catherine

## Tourism Level 2

**TOU212**

Eligible for endorsement? No

Up to 21 internal credits chosen from a range of standards

Pre-requisites: No prerequisites

## In this course we will learn to:

This programme is designed to provide students with an introduction to the major aspects of the tourism industry.

Areas of study could include:

- tourist characteristics;
- work roles in tourism;
- destination New Zealand;
- world tourist destinations;
- the business of tourism;
- history of tourism;
- industry IT and literacy skills.

## This course is useful for:

This course is useful as an introduction to the tourism industry. It recognises the knowledge and skills required as a base for further training in the tourism industry.

## Next steps from this course:

This qualification prepares people for entry to the New Zealand Certificate in Tourism (Level 3), which in turn can lead to qualifications and careers such as travel consultancy, flight attendants, aviation industry, tour guides, or wholesale travel, and hotel management.

**Cost:** Possible field trip expenses

**Contact:** Ms Seyb or Ms Hamilton

## Tourism Level 3 TOU313

Eligible for endorsement? No

Up to 20 internal credits chosen from a range of standards

Pre-requisites: 7 Level 2 AS English or 10 credits in Level 2 Tourism

### In this course we will learn to:

This is a continuation of the programme offered at Level 2, although new students are welcome to join the class as Year 13's.

The programme is designed to provide students with an introduction to the major aspects of the tourism industry.

Areas of study include:

- Tourist characteristics;
- work roles in tourism;
- destination New Zealand;
- world tourist destinations;
- the business of tourism;
- history of tourism;
- industry IT and literacy skills.

### This course is useful for:

This course is useful to provide students with an introduction to the tourism industry. It recognises the knowledge and skills required as a base for further training in the tourism industry.

### Next steps from this course:

This course prepares people for entry to the New Zealand Certificate in Tourism (Level 3), which in turn can lead to qualifications and careers such as travel consultancy, flight attendants, aviation industry, tour guides, or wholesale travel, and hotel management.

**Cost:** Optional field trip

**Contact:** Ms Seyb or Ms Hamilton

## Environment and Global Thinking Level 1 ENV111

Eligible for endorsement? No

Up to 18 internal credits chosen from a range of standards

Pre-requisites: NIL

### In this course we will learn to:

Students will look explore contemporary and historical issues and how they fit into both the global community and the local community around them. They will explore these concepts through a variety of ways and by becoming involved in a class project. All assessment in this course will be internal.

### This course is useful for:

This course equips students with skills for the future giving them the knowledge and skills to interpret the world in which they live. Students will become more independent in researching current events and making informed decisions based on evidence and scientific knowledge.

### Next steps from this course:

Next steps from this course are to take Level 2 Psychology, Legal Studies, History or Geography.

**Cost:** TBC

**Contact:** Mr Ellis/Ms Seyb

## Technology

### Furniture and Design Level 1 FAD111

Eligible for endorsement? Yes

18 credits internal

4 credits external

Pre-requisites: None

#### In this course we will learn to:

This course will involve students gaining skills in working in a variety of materials. These include wood, MDF, plastic and LED's with simple electronics. They will use a wide range ways to use, join and finish the material. Students will be able to complete three to four units of work during the year, each resulting in a completed product. The areas covered are product design, furniture and cabinet making. These skills would also be helpful in the construction industry.

#### This course is useful for:

Students who are thinking of working in areas that involve being able design and make items in a wide range of hard materials. Skills acquired for measurement, accuracy, problem solving and process systems.

#### Next steps from this course:

Next steps from this course: to start courses at polytech or apprenticeships/ gateway or continue through to Level 2 Furniture and Design.

**Cost:** To be confirmed

**Contact:** Mr Stevens

### Furniture and Design Level 2 FAD212

Eligible for endorsement? No

22 internal credits available

Pre-requisites: 12 Credits at Level 1

#### In this course we will learn to:

This course will build on the skills acquired at Level 1 The students will be expected to increase their use of selected power tools. This will enhance the quality of the work undertaken. The tasks set will require a greater degree of skills and accuracy to complete them, working with a blend of wood, plastics and LED's. The students will be expected to work safely with a greater degree of independence and self direction.

#### This course is useful for:

Students who are thinking of moving into areas of the construction industry, product design, furniture or cabinet making.

#### Next steps from this course:

Next steps from this course to start courses at polytech or the construction industry or continue through to Level 3

**Cost:** Yet to be confirmed

**Contact:** Mr Stevens

### Furniture and Design Level 3 FAD313

Eligible for endorsement? No

22 internal credits available

Pre-requisites:

12 Credits at Level 2 or at HOD discretion.

Proven track record of self motivation.

#### In this course we will learn to:

This course will build on the skills acquired at Level 2 The students will be expected to increase their skill in the use of selected power tools. This will enhance the quality of the work undertaken. The students will have some input to their own work program.



## This course is useful for:

Students who are thinking of moving into areas of the construction industry, industrial or interior design, furniture or cabinet making.

## Next steps from this course:

Next steps from this course to continue courses at polytech. Seek apprenticeships in areas of Construction, Product and Interior design, Furniture, Cabinet making or Shop fitting.

**Cost:** Yet to be confirmed

**Contact:** Mr Stevens

## Game Design and Programming Level 1 GDP111

Eligible for endorsement? Yes

4 internals (15 credits)

1 externals (3 credits)

Prerequisites: preferable Year 10 Computational Thinking and Game Design. Basic numeracy and literacy skills are recommended.

## In this course I will use:

This course is useful for exploring 2D and 3D (AR/VR) spatial awareness using game design engines and end user experiences. The pathway forward would be to become proficient at identifying and developing skills in planning, designing and developing algorithms for games used for learning tested in an authentic setting. This course provides you with the ability to try out different platforms and test and debug games with your peers, with Industry level software. The Level 1 NCEA Achievement Standards offered are for the New Digital Technologies curriculum and provide an avenue for software engineering and Computer Science.

## This course is useful for:

exploring 2D and 3D awareness and building your spatial awareness using game design engines and principles. Your pathway forward would be to become proficient at identifying and developing skills in using software and hardware to design cognitive games. This course also provides you with the platform to gain the knowledge for developing digital designs and software management for an authentic project by creating learning portfolios. The Level 1 NCEA Achievement Standards offered are the from the New Digital Technologies curriculum and you can gain merit and excellence grades in them.

## Next steps from this course are:

are building skills and knowledge in digital design, software and computer science concepts for the Level 2 NCEA course in Game Design and Programming offered at Grey High. You can also use this to explore other Polytechnic courses.

**Cost:** Tech Spaces VR experience (\$20)  
Canterbury University Computer Science Camp (\$550)

**Contact:** Ms Chowfin

## Computational Thinking & Game Design Level 2 GDP212

Eligible for endorsement? Yes

3 internals (14 credits)

1 externals (3 credits)

Prerequisites: DGP111

## In this course I will use:

Conduct an inquiry to propose a concept for a game for the Grey Base Hospital's Paediatric ward by using advanced techniques to develop a character based on end user experience and feedback. You will also demonstrate skills in developing an advanced game applying programming knowledge in either JavaScript or C#. Using an iterative process to design, develop, document and test an advanced game to match the specifications of the industry, you will be able to demonstrate your understanding of key concepts of computer science. Your aim is to become proficient with the 3D, Virtual and Augmented technologies so that you can produce training and educational games.

## This course is useful for:

Extending your 3D spatial awareness using game design engines and principles, as you explore virtual and augmented reality. Your pathway forward would be to start creating a portfolio of your work while working with industry level software. This course provides you with the skills to develop digital outcomes for a purpose to solve problems in your school and local community. The Level 2 NCEA Achievement Standards offered to you, will dovetail with the New Digital Technologies curriculum and you can gain merit and excellence grades in them.

## Next steps from this course are:

Getting proficient in computer science concepts and database structures for a Level 3 NCEA course in Programming and Computer Science, offered at Grey High. You also will be able to explore various Polytechnic and University Level Courses.

## Cost:

Tech Spaces VR experience ( \$ 20)  
Canterbury University Computer Science Camp ( \$550-voluntary)

**Contact:** Ms Chowfin

## Design and Visual Communication (formerly Graphics) Level 1

**DVC111**

Eligible for endorsement? Yes

2 internals (9 credits)

3 externals (9 credits)

Pre-requisites: None.

Prefer Year 10 Art, Metal or DVC

## In this course we will learn to:

Want to be an Architect or Interior Designer. See yourself as a furniture or product designer or simply want to be able to read plans for the building or engineering trade. Then this is the course for you.

You will complete two major projects designing a Container 'glamping' (glamorous camping) site and designing a household product where you will learn how to use the correct symbols, drawing and display techniques to communicate your ideas. Technical drawing skills and the ability to read plans are essential in architecture, design technology, interior and landscape design, construction, engineering, and other trades.

## This course is useful for:

- Understanding the design process
- How to analysis and evaluate your own and other design ideas
- How to 'sell' an idea to a client
- Freehand sketching and rendering techniques
- Instrumental drawing.
- How to draw, read and understand plans
- Gaining an understanding of exterior and interior building materials
- Colour schemes and kitchen design

## Next steps from this course are:

- Level 2 Design and Visual Communication (DVC212)
- Level 2 Furniture and Design (FAD212)
- Level 2 Mechanical Engineering (MEC212)
- Also useful drawing skills for FAB Fabric and Fashion and Art.
- If students continue possible career options are Architect, Landscape Architect, Interior Designer, Builder, Engineer, Graphic Designer, Furniture Designer, Maker, Joiner, Product Designer, Self Employed Craftsman etc

**Cost:** Graphics pack approx \$40, 3D printing- by weight of obje

**Contact:** Mrs S Chapman

## Design and Visual Communication (formerly Graphics) Level 2 DVC212

Eligible for endorsement? Yes

2 internals (12 credits)

2 externals (7 credits)

Pre-requisites: Level 1 Graphics or HOD discretion

### In this course we will learn to:

Want to be an Architect or Interior Designer. See yourself as a furniture or product designer or simply want to be able to read plans for the building or engineering trade. Then this is the course for you.

You will build on the skills learnt at Level 1 to complete two major projects, designing a 2-3 bedroom artist residence using sustainable design ideas and designing a household product and printing a model using a 3D printer. At Level 2 students may use CAD programmes such as Sketchup or Planner 5D to produce their work.

Work produced for internal standards during the year is also submitted for the external standards as a folio submission of up to 20 A3 pages at the end of the year.

### This course is useful for:

- Understanding the design process
- How to analysis and evaluate your own and other design ideas
- How to 'sell' an idea to a client
- freehand sketching and rendering techniques
- instrumental drawing.
- How to draw, read and understand plans
- Gaining an understanding of exterior and interior building materials
- Colour schemes and kitchen design

### Next steps from this course are:

- Level 3 Furniture and Design (FAD313)
- Level 3 Mechanical Engineering (MEC313)
- If students continue, possible career options are Architect, Landscape Architect, Interior Designer, Builder, Engineer, Graphic Designer, Furniture Designer, Maker, Joiner, Product Designer, Self Employed Craftsman etc

**Cost:** Graphics pack approx \$40, 3D printing costs by weight.

**Contact:** Mrs S Chapman

## Fabric and Fashion Level 1 FAB111

Eligible for endorsement? No

4 internals (20 credits)

0 externals (0 credits)

Pre-requisites: None

### In this course we will learn to:

Want to know how to design and make a garment of your choice or do you long to make a Wearable Art creation that is out of this world? Then this course is for you. You will also learn how to create fashion sketches like a pro. The year begins by learning or refreshing your sewing skills. You will learn how to maintain a sewing machine correctly as well as how to select the correct stitch length, tension and thread for each fabric type. You will also make a personalised chromebook/ Tech case or backpack of your choice.

Suitable for beginners to intermediate sewers.

- Skills covered are
- Sewing machine use and maintenance
- Basic fashion drawing
- Using and modifying a pattern
- Garment construction

### This course is useful for:

Learning how to document and present a project. Drawing and design skills. Project planning skills. Analysis and evaluation skills. Basic sewing skills such as hand and machine sewing, how to insert a zip, alter and mend clothing. How to use an overlocker, how to dye fabrics and apply design to fabrics.

### Next steps from this course are:

Level 2 Fabric and Fashion (FAB212)

**Cost:** \$80 approx

**Contact:** Mrs S Chapman

## Fabric and Fashion Level 2 FAB212

Eligible for endorsement? No

5 internals (18 credits)

Pre-requisites: HOD discretion

### Attention Fashionistas!!

Who wants to wear the same clothes as everyone else! This course will offers you the chance to make an item of clothing of your own choice by adapting a pattern to suit or to make a wearable art creation that is out of this world. You will also learn how to create fashion sketches like a pro. The year begins by learning or refreshing your sewing skills and learning how to maintain a sewing machine correctly as well as how to select the correct stitch length, tension and thread for each fabric type. You will also make a personalised chromebook/ Tech case or backpack of your choice.

Suitable for beginners to advanced sewers.

- Skills covered are
- Sewing machine use and maintenance
- Fashion drawing
- Project Planning and documentation
- Pattern Drafting
- Use of store bought patterns
- Fabric Dyeing
- Applied design- applique, patchwork, quilting, embroidery
- Garment construction

### This course is useful for:

Learning how to document and present a project. Drawing and design skills. Project planning skills. Analysis and evaluation skills. Basic sewing skills such as hand and machine sewing, how to insert a zip, alter and mend clothing. How to use an overlocker, how to dye fabrics and apply design to fabrics.

### Next steps from this course are:

If numbers permit in 2020 Level 3 Fabric and Fashion (FAB313). Tertiary study at fashion, art and costume design. Employment in the garment industry or self employment in fashion design making. Possible use in the film/ music industry. Wearable art competitions.

**Cost:** \$80 approx

**Contact:** Mrs S Chapman

## Fabric and Fashion Level 3 FAB313

Eligible for endorsement? No

3 internals (18 credits)

Pre-requisites: HOD discretion

### Attention Fashionistas!!

Who wants to wear the same clothes as everyone else! This course will teach you how to draft your own pattern to create a garment of your choice as well as create a garment for a formal occasion using a store bought pattern. You will also learn how to create fashion sketches like a pro. The year begins with a refresher of your sewing skills. You will also learn how to maintain a sewing machine correctly as well as how to select the correct stitch length, tension and thread for each fabric type as well as making personalised chromebook/ Tech case or backpack of your choice.

Suitable for beginners to advanced sewers.

Skills covered are:

- Sewing machine use and maintenance
- Fashion drawing
- Pattern Drafting
- Use of store bought patterns
- Garment construction

### This course is useful for:

Learning how to document and present a project. Drawing and design skills. Project planning skills. Analysis and evaluation skills. Basic sewing skills such as hand and machine sewing, how to insert a zip, alter and mend clothing. How to use an overlocker, how to dye fabrics and apply design to fabrics.

### Next steps from this course are:

If numbers permit in 2019 Level 3 Fabric and Fashion (FAB313). Tertiary study at fashion, art and costume design. Employment in the garment industry or self employment in fashion design making. Possible use in the film/ music industry. Wearable art competitions.

**Cost:** \$80 approx

**Contact:** Mrs S Chapman

## Hospitality Level 1 HOS111

Eligible for endorsement? No

Internal unit standards 22

Pre-requisites: None

No numeracy, no literacy

### In this course we will learn to:

Everybody needs to know how to cook. Cooking your own food is healthier and cheaper than buying it.

Cooking also helps develop fine motor skills and you get to practice your literacy and numeracy skills through recipe reading, work plan writing and calculating ingredients and cooking time.

### This course is useful for:

The Level 1 Hospitality course will give you basic skills in quick cookery methods. You will learn to cook simple dishes that can easily be reproduced at home, and how to use a knife safely.

### Next steps from this course:

This course can lead into the Level 2 Hospitality course and also give you an insight into the career opportunities within the Hospitality industry.

There is the opportunity for students to attend the Cookery course in the Trades Academy at Tai Poutini Polytechnic as Level 2 students.

**Cost:** \$130

**Contact:** Whaea Erin Connolly

## Hospitality Level 2 HOS212

Eligible for endorsement? No

Internal unit standards 22

Pre-requisites: None

No numeracy, no literacy

### In this course we will learn to:

Hospitality is closely linked to the Tourism industry - the largest growth sector within New Zealand today.

Students will develop their knife handling skills and food preparation skills. They will learn to work safely and hygienically in a kitchen.

Students will have the opportunity to attend the Cookery course in the Trades Academy at Tai Poutini Polytech and there may also be Gateway placement opportunities within local businesses

### This course is useful for:

In Level 2 Hospitality, you will gain more skills in basic cookery and cook nutritious dishes that can be easily reproduced at home.

You will also gain knowledge and experience in food safety practices.

### Next steps from this course:

This course can lead into chef training at a tertiary institution and students can complete a Bachelor in Culinary Arts at Otago University.

New Zealand trained chefs are sought in kitchens all around the world.

If chef training is not your career goal, this course can give you the basic food handling qualification to work in the Hospitality industry while studying at university or polytechnic.

**Cost:** \$130

**Contact:** Whaea Erin Connolly

## Hospitality HOS313 Level 3

Eligible for endorsement? No

5 internals (24 credits)

Pre-requisites: UNIT STANDARD 167 / 13285

### In this course we will learn to:

In this course students will learn to prepare and cook basic pasta dishes, and prepare and bake cakes, scones and sponges in a commercial kitchen.

Students will

- demonstrate knowledge of food contamination hazards and control methods used in a food business.
- demonstrate knowledge of culinary products and terms.
- demonstrate knowledge of basic nutrition in commercial catering.

### This course is useful for:

This course is useful for students who want to continue their learning in Hospitality but do not want to attend the Trades Academy. Students will gain basic industry level qualifications.

### Next steps from this course:

Chef training.

**Contact:** Mrs Connolly

## Mechanical MEC111 Engineering Level 1

Eligible for endorsement? No

3 internals (24 credits)

Pre-requisites: None

### In this course we will learn to:

While the world makes ever greater use of plastic materials and processes, most of the machines, mechanisms and structures that surround us have major amounts of metal parts. Steels and alloyed metals have properties that plastics are still not able to replace, and many of the processes used to shape metals are also used on plastics. The skills we will learn in class will be forever in demand and useful.

This course also gives you the opportunity to gain a National Certificate in Mechanical Engineering Technology Level 1.

In this course you will learn to:

- Demonstrate knowledge of safety procedures in a specific engineering workshop.
- Demonstrate basic engineering workshop skills under close supervision.
- Develop a simple product using engineering materials.

### This course is useful for:

Giving you some introductory safety, engineering and workshop skills. Gaining the National Certificate in Mechanical Engineering Technology Level 1- an introductory qualification, that has been developed for secondary school students who are interested in Mechanical Engineering. For more information please have a look at the Competenz website: [www.competenz.org.nz](http://www.competenz.org.nz)

### Next steps from this course:

From this course are tertiary study at a polytechnic and/or an apprenticeship. It is particularly relevant for people wishing to pursue careers in general engineering, machining, toolmaking, fitting, engineering maintenance, fabrication, marine engineering, plumbing, gasfitting, locksmithing and the automotive trades.

**Cost:** \$120

**Contact:** Mr. P. Steyn



## Mechanical Engineering Level 2 MEC212

Eligible for endorsement? No

6 internals ( 18 credits)

Pre-requisites: At least 14 Credits from MEC 111

NCEA Level 1 Numeracy? (0 credits)

NCEA Level 1 literacy? (0 credits)

UE literacy? (0 credits)

### In this course we will learn to:

While the world makes ever greater use of plastic materials and processes, most of the machines, mechanisms and structures that surround us have major amounts of metal parts. Steels and Alloyed metals have properties that plastics are still not able to replace, and many of the processes used to shape metals are also used on plastics. The skills we will learn in class will be forever useful and in demand.

This unit standards based course also gives you the opportunity to gain a National Certificate in Mechanical Engineering Technology.

There will be one practical project through the year which requires you to make an exact object from a set of supplied plans. This work will be assessed by your teacher (internal assessment).

### This course is useful for:

- Gaining the National Certificate in Mechanical Engineering Technology Level 2.
- Learning to select, use and care for engineering hand tools.
- Draw and interpret sketches.
- Manually construct plane geometric shapes for engineering.
- Select and care for engineering dimensional measuring and marking out equipment.
- Make an Air Compressed Engine.

### Next steps from this course are:

From this course are tertiary study at a Polytechnic and/or an apprenticeship. It is particularly relevant for people wishing to pursue careers in general engineering, machining, toolmaking, fitting, engineering maintenance, fabrication, marine engineering, plumbing, gasfitting, locksmithing and the automotive trades.

**Cost:** \$130

**Contact:** Mr. P. Steyn

## Mechanical Engineering Level 3 MEC313

Eligible for endorsement? Yes/No

5 internals (15 credits)

Pre-requisites: Complete all drawing Unit Standards in MEC 212 and/or Graphics in Year 12.

NCEA Level 1 Numeracy? (0 credits)

NCEA Level 1 literacy? (0 credits)

UE literacy? (0 credits)

### In this course we will learn to:

- To create three-dimensional engineering models under supervision.
- To demonstrate knowledge of the composition of common engineering metals.
- To demonstrate knowledge of common engineering metals.
- To produce detailed two - dimensional drawings using CAD software under supervision.
- To interpret mechanical engineering drawings.

### This course is useful for:

This course is useful for The National Certificate in Mechanical Engineering Technology Level 3.

**Next steps from this course are** tertiary study at a polytechnic and/or an apprenticeship.

**Cost:** TBC

**Contact:** Mr P. Steyn

## Gateway

### Ignition Level 2

IGN212

Eligible for endorsement? No

20 credits

Pre-requisites: Level 1 Literacy and Numeracy

#### In this course we will learn to:

In this exciting course you will learn essential skills in car maintenance and auto repairs.

Supported by MITO in partnership with our school and local businesses, the ignition programme has theory and practical learning. The theory work will be completed online. You will get the exciting experience of being matched with a local employer to cover the practical components in an automotive workshop. The work placements will run for one day per week over 30 weeks and make up part of your normal school timetable.

#### This course is useful for:

This course is useful for students who like hands on learning. Students may want to explore what it is like to be a mechanic or might just want to learn the important skills that are required to maintain and fix a car. The work experience component is a helpful not only for skills and experience, but as a reference for future employment opportunities.

**Next steps from this course are** Students can use this course as a pathway to automotive engineering Level 3, and as a head start to applying for an apprenticeship or other employment opportunities.

**Cost:** \$120 per student for online work plus PPE gear for work placements. All costs will be covered by the Gateway fund.

**Contact:** Tania Washer

### Creative and performance Arts Level 2

CPA212

Eligible for endorsement? No

20 credits Level 2 and 3

Pre-requisites: Level 1 Literacy and Numeracy and an interest in the behind the scenes aspect of the performing arts industry

#### In this course we will learn to:

This course is about working in an interactive and engaging environment to develop the technical skills to stage a production - it's all about the stuff backstage! The course includes learning about stage makeup, costume, lighting, sound, set design and script writing. You will have the chance to choose some elective units based on your interests as well as completing some core units. The work work experience and learning will take place at the Regent Theatre in Greymouth and will include guests from the exciting world of stage production to formulate the learning. Students will have the opportunity to be part of a local production.

#### This course is useful for:

This course is useful for students who would like to have a creative element to their NCEA learning and who would like to find out more about the skills required to work in or be part of stage production. This course will suit practical learners and will build your confidence and experience to be part of future school and community stage productions.

**Next steps from this course are** Next steps from this course could be further tertiary education in stage production or performance, leading to career prospects including musical theatre, acting for stage and other media, teaching and working in the tourism and entertainment industry.

**Contact:** Katie Hanson and Tania Washer

## Swim School SWM212 Instructor Programme Level 2

Eligible for endorsement? No

40 credits as a 2 year programme

Prerequisites: Level 1 Literacy and Numeracy

### **In this course we will learn to:**

In this course we will learn how to how to manage a safe swim teaching environment and how to build water confidence and swimming techniques for young learners.

All of your learning will take place with the qualified staff at the Westland Recreation Centre. You will have the chance to learn skills in swim instructing, how to develop water safety and survival techniques in others whilst improving your own communication and leadership skills. An important part of the course is learning about customer service and workplace health and safety.

### **This course is useful for:**

This course is useful for students working towards NCEA Level 3 and who would like to work now or in the future as a swim school tutor. Being a swim instructor is an ideal opportunity for you to work part time whilst you continue to study as well as a full time and long term career prospect.

The course is a good introduction to the fitness industry and is ideal for students who like to work in teams and be part of a customer focused environment.

**Next steps from this course are** If you complete the full 2 year course over year 12 and 13, you will be a fully qualified NZ Swim Instructor and will be able to apply for employment in the industry.

The course is a gateway to learning about the fitness industry and will introduce you to employers locally. Tertiary training following on from this course could include sports management, personal fitness instruction and recreation centre management.

**Contact:** Tania Washer

# Mawhera Services Academy



The MSA is a military orientated programme with strong emphasis on discipline, physical training, leadership skills and challenges. The MSA is designed for young people who have an interest in the following careers:

- Armed Forces (Army, Navy and Air Force)
- Police
- Security industry
- Fire Service
- Customs
- Other related industries

MSA offers a full-time (37 week) programme and, being a division of Greymouth High School, the programme follows the same hours and term structure.

The course runs 25 hours per week that is split into approximately:

- 12 hours academics
- 13 hours services training and adventure based learning activities

## Eligibility

- New Zealand Citizen
- Should be a minimum of 16 or turning 16 during the year
- Prepared to conform within a disciplined environment
- Medically fit
- Want to succeed and have fun!

## Costs

- NO FEES. Free uniform – yours to keep if you complete the course: tracksuit, polo shirt, rugby jersey, cap, PT shirts, PT shorts.



**Discipline**

- MSA is based upon a military model
- Discipline is an important aspect of the course: students will be required to sign a Code of Conduct
- ALL discipline matters are dealt with fairly and appropriately.

Other Academies can be found throughout New Zealand. We have strong alliances with all South Island Academies being: Aranui Services Academy, Christchurch; Logan Park Services Academy, Dunedin and Opihi Services Academy, Timaru.

**Services Training Breakdown**

Supported by NZ Army Youth Life Skills Cell and the Limited Service Volunteer Company at Burnham Army Camp, services training includes:

- 2-week Induction Phase with the NZ Army in February
- School holiday Leadership courses with the NZ Army
- Military Drill
- Discipline
- Physical Training
- Field Exercises
- Live-in Camps
- Confidence Building
- Team Building
- Public Parades, e.g. ANZAC Day
- Client days with Tai Poutini Polytechnic: kayaking, white water rafting and rock climbing
- Tramping: Lake Daniels, Queen Charlotte track, various West Coast tracks, etc.
- Field Exercises
- Gym sessions
- Bush Craft
- Survival Training
- Camouflage and Concealment
- Cycling
- Orienteering
- Paint Balling
- Participation in Coast to Coast Event (against other Academies run by NZ Army)

Management  
Mr B Lomey



# Gateway

'Gateway' is designed to enable students to pursue individual learning programmes, which allow them to gain new skills and knowledge in a workplace in their local community.

The learning is hands-on and practical, although theory work is generally required as well. A feature of the initiative is that students learning is integrated with the School's regular programme and is not simply workplace experience. Students in Gateway have a clear understanding of skills and knowledge to be attained and they are usually assessed in the workplace. Students will study internally assessed Unit Standards, from a variety of areas of their choice, sourced from external providers eg. Weltec, Telford and SIT. Their achievements are credited towards national qualifications, including NCEA.

An individual plan is drawn up with the student, the employer and the school specifying the expectations of behavior, attendance and outcomes. Failure to meet these expectations may result in termination from the course. Study areas include but are not limited to: Agriculture, Automotive, Aviation, Engineering, Equine, Floristry, Medical/Nursing, Retail, Sports Training, Trades and Development. Work Experience is a **COMPULSORY** part of this course. Students should indicate on their course selection form if they are interested in the Gateway programme.

Suitable students for this course are highly motivated, know their vocational interest and excellent attendance. Cost: Nil. Gateway is fully funded by the Tertiary Education Commission except for Aviation (Pilot License) which will require a part payment negotiable on acceptance to the programme. All students will need to pay for their own printing. Note: Each student must gain at least 20 credits in this course in order to remain eligible for funding.

NOTE: Gateway can be a subject to some students and fits in well with Rapuara Careers Hub.







# KEEP CALM AND CHECK INTENTIONS

## HAVE YOU:

- ☐ Spoken with your teachers
- ☐ Spoken with your Dean
- ☐ Spoken with your parents/caregivers/whanau
- ☐ Spoken with the Careers Team
- ☐ Checked your course will keep your career aspirations open
  - ☐ Checked that your choices are within your capabilities
  - ☐ Checked the endorsement opportunities of your course
  - ☐ Checked that you will be able to meet UE requirements

# Useful Websites to Help with Subject Choices

## **Careers New Zealand**

A database of careers information and tertiary training courses is available by using the website [www.careers.govt.nz](http://www.careers.govt.nz). You will be able to check that your subjects and career choices match up.

## **Recommended school subjects**

University links which list the school subjects that are useful preparation for degree programmes at the universities of Canterbury, Otago and Auckland.

Note: Required subjects are essential for a particular degree; they are needed to gain entry. Recommended or preparation subjects are those that are useful but not required to gain entry.

## **Canterbury University**

[http://www.canterbury.ac.nz/liaison/best\\_prep.shtml](http://www.canterbury.ac.nz/liaison/best_prep.shtml)

## **Otago University**

<http://www.otago.ac.nz/prospectivestudents/secondary-school-students/>

## **Lincoln University**

<http://www.lincoln.ac.nz/Study/Qualifications/>

## **University approved subjects**

To view the current University Approved subjects go to: <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/approved-subjects/>

## **Vocational Pathways:**

There are a range of tools, including a Profile Builder to help plan a course leading to careers in a variety of vocational areas. (see the next page for more information) <http://www.youthguarantee.net.nz/start-your-journey>

## **No Major Drama:**

Complete a quiz; learn about degree majors (main subjects) for Bachelor level degrees at New Zealand universities

<http://www.nomajordrama.co.nz/>

# West Coast Trades Academy



The West Coast Trades Academy (WCTA) is a partnership between all of the West Coast high schools and area schools and tertiary institutions.

Greymouth High School coordinates the Academy, and Tai Poutini Polytechnic (TPP) is the main Tertiary Partner for WCTA with other tertiary partners notably Whenua Iti Outdoors (WIO) involved.

Trades academies are part of the Government's youth initiatives. They focus on providing more choices for young New Zealanders and giving them greater opportunities to develop their knowledge, skills and talents through trades and technology programmes that are jointly provided by schools and tertiary education organisations.

## Benefits of the Trades Academy

- Start training for a career while studying at school
- No fees
- Keep up school friendships and continue with core subjects and extra-curricular activities while at the Trades Academy
- Gain workplace skills, develop independence and responsibility for your learning, self-esteem and communication skills
- Be ready for work with workplace skills, training, NCEA Level 2 and a National Certificate in your choice of trade.
- Additional expenses such as transport will be covered by the Trades Academy
- Individual learning plans will ensure your achievement is monitored by your school and the Trades Academy
- The Trades Academy's manager and school co-ordinators are on-hand to support you

## Student Eligibility

The Trades Academy is open to year 11, 12 and 13 students at partners schools. Trades Academy students will continue to attend their school, taking their usual subject options, while one day a week they will attend the trades academy programme at school or Tai Poutini Polytechnic.

Trades Academy students must make a two-year (minimum) commitment to the achievement of NCEA Level 2 and an Industry National Certificate. Students will also miss some ordinary school classes and may need to commit extra time to keep up with their learning and achievement in other subject areas.

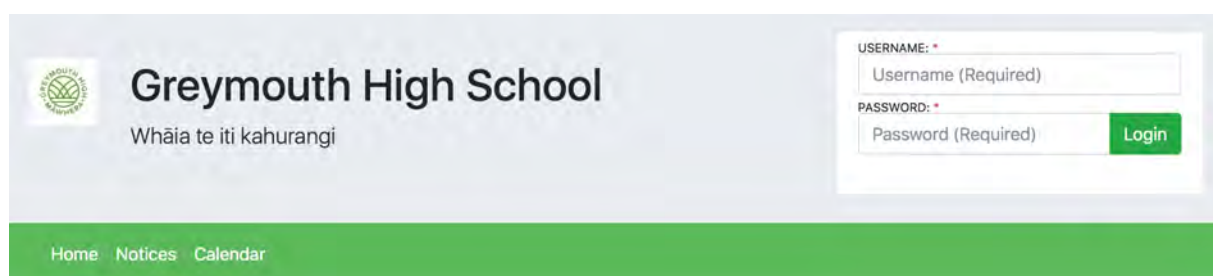
For more information, please refer to their great website [www.wcta.ac.nz](http://www.wcta.ac.nz)

# Online Course Selection via KAMAR Portal

Online Selection is done via the Parent Portal using our Student Management System - Kamar

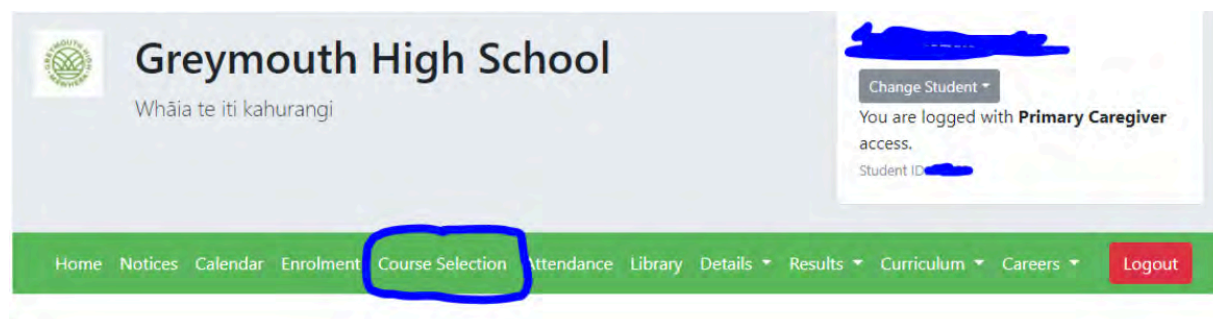
## Instructions

1. Go to the School's Kamar portal page: <https://web.kamar.greymouth.school.nz/index.php>



The screenshot shows the Greymouth High School Kamar portal login page. The header includes the school logo, name, and Māori motto. A login form on the right has fields for 'USERNAME: \*' (Username (Required)) and 'PASSWORD: \*' (Password (Required)), with a 'Login' button. A green navigation bar at the bottom contains links for 'Home', 'Notices', and 'Calendar'.

2. Enter your username: (emailed to you on Monday, August 27)
3. Enter your parent password: (emailed to you Monday, August 27)  
(N.B. this process is not possible under a student password as the entry of your parent password indicates your approval of the courses entered. It is your electronic signature.)  
If the password is still elusive to find then email [rissmanm@greymouth.school.nz](mailto:rissmanm@greymouth.school.nz) or call the office and we will reset it.
4. Select Course Selection



The screenshot shows the Greymouth High School Kamar portal after login. The header is the same. A user information box on the right shows 'Change Student' and 'You are logged with Primary Caregiver access.' with a redacted Student ID. The green navigation bar at the bottom now includes 'Enrolment' and 'Course Selection' (which is circled in blue), along with 'Attendance', 'Library', 'Details', 'Results', 'Curriculum', 'Careers', and a 'Logout' button.

5. Once in the course selection screen you will be prompted to select the required number of courses for the year level that your child will be entering next year. Please ensure that you make a selection for each box plus an alternative. If you require more information about a course please refer to the relevant section of this Senior Curriculum Book.
6. Check that no course is entered twice
7. Finally, please remember to click "save" at the bottom of the screen when you have completed your selection. You can re-enter this screen and change the subjects selected if needed. Remember to click "save" again when finished. Courses can be altered up until close off day on Friday 14th September

If you would like any further information or assistance with selecting courses and the online process please contact your child's Dean.





Telephone: (03) 768 0472 Facsimile: (03) 768 6293

E-mail: [office@greyhigh.school.nz](mailto:office@greyhigh.school.nz)

[www.greyhigh.school.nz](http://www.greyhigh.school.nz)