



GREYMOUTH
High School
Te Kura Tuuruu O Māwhera

Senior Curriculum 2018



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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 2018 are due in on Friday 1st 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 (curriculum) - Mr. Scott Bermingham

Deputy Principal (teaching and learning) - Ms Roz Stuart

Assistant Principal (well-being) - Ms Nancy Guilliland

Heads of Department

Arts Department - Mr Andrew Dempster

Business Studies - Ms Susi Thompson

English - Ms Sandra Quick

Mathematics - Mrs Jayne Wheeler

Physical Education - Mr Ian McLeod

Science - Mrs Morag Newberry

Social Science - Ms Angela Seyb

Technology - Mrs Shelly Chapman

Careers - Mrs Carol Dyas

Assisted Learning - Mrs Annette Jones

Deans

Year 11: Mr Rob Orr

Year 12: Mrs Carol Dyas

Year 13: Mr John Robinson



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"> • 10 credits from literacy Standards; • 10 credits from numeracy Standards. 	Include: <ul style="list-style-type: none"> • 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); • students should also plan to gain UE literacy 	Include: <ul style="list-style-type: none"> • 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); • Must have Level 1

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

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
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 Maori	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

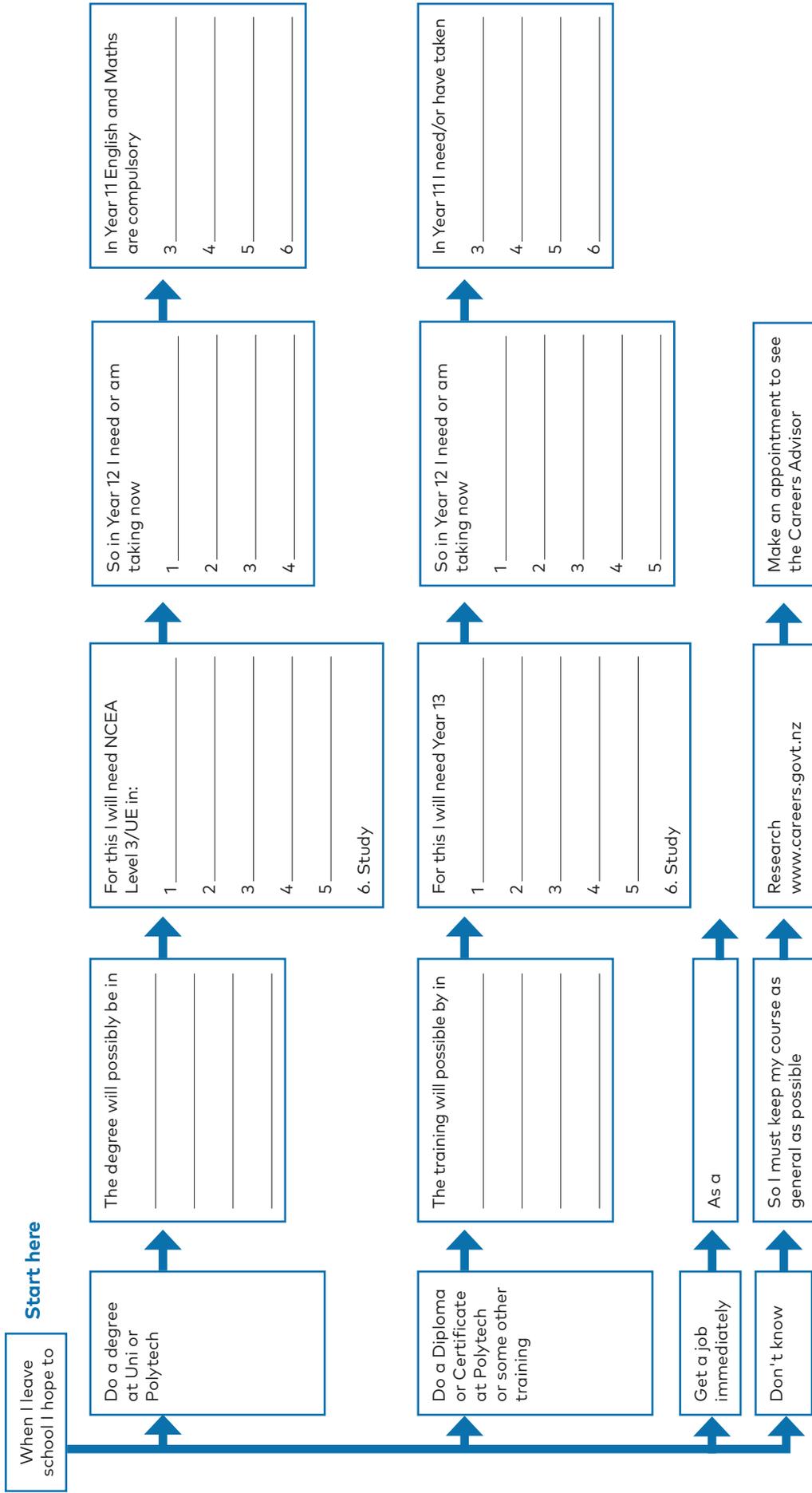
Approved Subject	Achievement Standards
Mathematics/ Pāngarau	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587 and 91580, 91581, 91582, 91583, 91584, 91585, 91586
Media Studies	91490, 91491, 91492, 91493, 91494, 91495, 91496, 91497
Music Studies	91417, 91418, 91419, 91421, 91424, 91416, 91420, 91422, 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

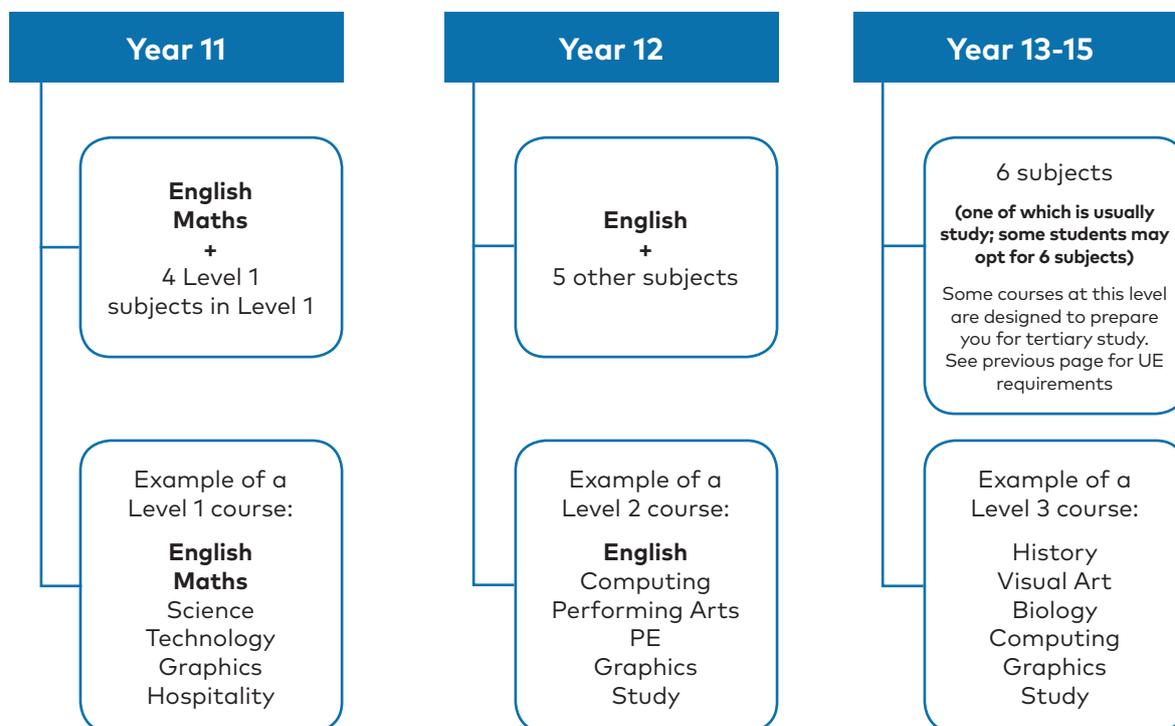


Choosing Your Study Pathway

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

NZQA Fees

The cost in 2018 for all Achievement and Unit Standards entered at any level is \$76.70. In 2018, 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, 2017. 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.

2018 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

OPTION SUBJECTS - Business Studies

Business Studies and Economics	Business Studies and Economics	Business Studies and Economics
Office Computing	Office Computing	
Accounting	Accounting	
Digital Technology	Digital Technology	
Game Design and Programming	Game Design and Programming	Game Design and Programming

OPTION SUBJECTS - English

		English
		English for Academic Purposes
	Media Studies	Media Studies

OPTION SUBJECTS - Mathematics

	Mathematics	Mathematics with Calculus
	Mathematics with Statistics	Mathematics with Statistics
	General Mathematics	

NCEA Level 1**NCEA Level 2****NCEA Level 3****OPTION SUBJECTS - Physical Education**

Physical Education	Physical Education	Physical Education
Health Education	Health Education	Health Education
Sport, Fitness and Recreation	Sport, Fitness and Recreation	

OPTION SUBJECTS - Social Science

History	History	History
Geographical Science	Geography	Geography
	Tourism	Tourism
	Psychology and Legal Studies	Psychology and Legal Studies
	Classical Studies	Classical Studies

OPTION SUBJECTS - Science

General Science	Physics	Physics
	Chemistry	Chemistry
	Biology	Biology
	Electronics	
Vocational Science	Vocational Science	

OPTION SUBJECTS - Technology

Design and Visual Communication	Design and Visual Communication	
Fabric and Fashion	Fabric and Fashion	
Furniture and Design	Furniture and Design	Furniture and Design
Hospitality	Hospitality	
Mechanical Engineering	Mechanical Engineering	

OPTION SUBJECTS - Te Reo

Te Reo Maori	Te Reo Maori	Te Reo Maori
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2018 Subject Outlines

Art L1-3	21
Business L1-3	25
English L1-3	31
Mathematics L1-3	36
Physical Education L1-3	39
Science L1-3	43
Social Sciences L1-3	48
Technology L1-3	55



Arts Department

Art Level 1 Art111

Eligible for endorsement? Yes

1-4 internals (x credits)

1 external (12 credits)

Pre-requisites: Passed 10 Art

NCEA Level 1 literacy? (X credits)

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 (12 credits)

1 external (12 credits)

Pre-requisites: 14 Level 1 Art credits

NCEA Level 1 literacy? (X credits)

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

Photography Level 2 PHO212

Eligible for endorsement? Yes

1-3 internals (12 credits)

1 external (12 credits)

Pre-requisites: 14 Level 1 Art credits

NCEA Level 2 literacy? No

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: 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 (12 credits)

1 external (14 credits)

Pre-requisites: 12 external and 4 internal credits at Level 2 Art, Design, Printing.

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 PHO313 Level 3

Eligible for endorsement? Yes
Scholarship? Yes

1-3 internals (12 credits)

1 external (14 credits)

Pre-requisites: 12 external and 4 internal credits at Level 2 Photography or HOD discretion.

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

Drama DRA111 Level 1

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: Mrs Guilliland

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: Mrs Guilliland

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: Mrs Guilliland

Music **MUS111, MUS212**
Level 1, 2, 3 **and MUS313**

Eligible for endorsement? Yes

3 internals (14-16 credits)

1 externals (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, notation 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:

This course is useful for students who enjoy music and like to perform their chosen instrument.

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 **ACC111**
Level 1

Eligible for endorsement? Yes

3 internals (12 credits)

2 externals (8 credits)

Pre-requisites: None

NCEA Level 1 Numeracy (0 credits)
 NCEA Level 1 literacy (10 credits)

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.

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.

Cost: nil

Contact: Ms R Stuart

Accounting Level 2

ACC212

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

NCEA Level 1 Numeracy (15 credits)

NCEA Level 1 literacy (10 credits)

UE literacy (0 credits)

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.

This course is useful for:

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:

is to continue study in Level 3 Accounting or Business Studies.

Cost: nil

Contact: Ms R Stuart

Business Studies and Economics Level 1

BUS111

Eligible for endorsement? Yes

3 internals (11 credits)

3 externals (12 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:

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

Business Studies BUS212 Level 2

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:

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 BUS313 Level 3

Eligible for endorsement? Yes

3 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:

- Analyse a human resource issue affecting businesses
- Demonstrate understanding of the internal operations of a business that operates in a global context
- 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

Computational Thinking DGP111 & Game Design Level 1

Eligible for endorsement? Yes

4 internals (15 credits)

1 externals (3 credits)

Prerequisites: Open entry although Year 10 CDM would be preferable

NCEA Level 1 Numeracy (0 credits)

NCEA Level 1 literacy (11 credits)

UE literacy (0 credits)

In this course I will use:

Game and programming platforms like Scratch, Python, Raspberry Pi, Blender, Minecraft and Unity to learn how to use computational and algorithmic thinking while designing games. My projects will reflect the implementation of these algorithms as I use inputs, outputs, sequencing, loops and variables of different data types. As I explain my software choices, I will be able to use an organised testing and debugging process which matches with the specifications of the industry. My aim is to become familiar with the 3D technologies so that I can produce cognitive games.

This course is useful for:

This course is useful for exploring 2D and 3D awareness and building my spatial awareness using game design engines and principles. My pathway forward would be to become proficient at identifying and developing my skills in using software and hardware to design cognitive games. I recognise that this course provides me with the platform to gain the knowledge of product development and management. I know that the Level 1 NCEA Achievement Standards offered to me, will be the new ones that were trialled for the New Digital Technologies curriculum and I can gain merit and excellence grades in them.

Next steps from this course are:

Building skills and knowledge in virtual and augmented reality for my Level 2 NCEA endorsed in the course 'Computational Thinking and Game Design' offered at Greymouth High.

Cost: Tech Spaces VR experience (\$ 20)
Canterbury University Computer Science Trip by Train (\$ 40)

Contact: Ms Chowfin

Computational Thinking DGP212 & Game Design Level 2

Eligible for endorsement? Yes

4 internals (12 credits)

1 externals (3 credits)

Prerequisites: DGP 111, AS91075, AS91076

NCEA Level 1 Numeracy (0 credits)

NCEA Level 1 literacy (11 credits)

UE literacy (0 credits)

In this course I will use:

Game and programming platforms like Raspberry Pi, Python, Blender, Minecraft and Unity to showcase my computational and algorithmic thinking in designing games. My projects will determine and compare the costs of two different iterative algorithms of the same size, as I explain my understanding of concepts of coding information. I will be able to use an iterative process to design, develop, document and test an advanced game to match the specifications of the industry. My aim is to become proficient with the 3D, Virtual and Augmented technologies so that I can produce training and educational games.

This course is useful for:

Extending my 3D spatial awareness using game design engines and principles, as I explore virtual and augmented reality. My pathway forward would be to become proficient at my identified software and hardware for developing applied games for training and education. I recognise that this course provides me with the platform to become proficient at product development and management using industry level software. I know that the Level 2 NCEA Achievement Standards offered to me, will dovetail with the New Digital Technologies curriculum and I can gain merit and excellence grades in them.

Next steps from this course are:

Getting proficient in game structure and game engines for my Level 3 NCEA endorsed in the course 'Computational Thinking and Game Design' offered at Grey High. I also will be able to explore various Polytechnic and University Courses.

Cost: Tech Spaces VR experience (\$20)
 Canterbury University Computer Science
 Trip by Train (\$40-voluntary). Possible Trip to
 Nepal to run an 'Unplugged Games Camp'
Contact: Ms Chowfin

Computational Thinking & Game Design Level 3 DGP313

Eligible for endorsement? Yes

2 internals (10 credits)

1 externals (4 credits)

Prerequisites: DGP 212, AS91372, AS91373

UE literacy (4 writing credits)

In this course I will use:

Game and programming platforms like Raspberry Pi, Python, Blender, Minecraft and Unity to analyse a selection of areas in like artificial intelligence, graphics and visual computing used in designing games. My project will evaluate how the synthesis of algorithms, data representation and programming is applied effectively in developing real world applications. I will be able to use an iterative process to design, develop, document and test an advanced game to match the specifications of the industry. My aim is to become proficient with the 3D, Virtual and Augmented technologies so that I can produce training and educational games.

This course is useful for:

Polishing my skills and knowledge using game design engines and principles, as I explore programming, virtual and augmented reality platforms. My pathway forward would be to involved in industry level software and hardware for developing applied games for training and education. I recognise that this course will allow me to apply my product development and management skills while using industry level software. I know that the Level 3 NCEA Achievement Standards offered to me, will dovetail with the New Digital Technologies curriculum and I can gain merit and excellence grades in them, as I work towards my University Entrance.

Next steps from this course:

Getting proficient in immersive game design platforms for my NCEA Level 3 in the course 'Computational Thinking and Game Design' offered at Grey High. I also will be able to explore various Polytechnic and University Courses.

Cost: Tech Spaces VR experience (\$ 20)
 Canterbury University Computer Science Trip
 by Train (\$ 40-voluntary). Possible Trip to
 Nepal to run an 'Unplugged Games Camp'
Contact: Ms Chowfin

Digital Technology DGT111 Level 1

Eligible for endorsement? Yes

4 internals (15 credits)

1 external (4 credits)

Pre-requisites: None

NCEA Level 1 Numeracy (0 credits)
 NCEA Level 1 literacy (7 credits)

In this course we will learn to:

- Develop skills in digital media using graphics and CAD software, spreadsheets and databases.
- Develop skills in web programming using html and CSS.
- Explore and critically justify design decisions when designing control systems.

This course is useful for:

Level 1 Digital Technology gives a student a good grounding in a wide range of software applications which will support their studies across the curriculum. It leads to Level 2 Digital Technology but also provides a good digital foundation for both academic and vocational pathways.

Next steps from this course:

Level 2 Digital Technology

Cost: TBC

Contact: Mr John Robinson

Digital Technology Level 2 DGT212

Eligible for endorsement? Yes

3 internals (16 credits)

1 external (4 credits)

Pre-requisites: None

NCEA Level 1 Numeracy (0 credits)

NCEA Level 1 literacy(8 credits)

In this course we will learn to:

- Develop advanced skills using Graphics, Desktop publishing, CAD and database software.
- Critically justify decisions when selecting appropriate software and techniques in developing digital media.
- Investigate and report on how technological systems operate.

This course is useful for:

Level 2 Digital Technology allows a student to develop advanced skills in a range of current software applications. It also develops basic web coding skills and an understanding of what is happening inside web applications. Level 2 Digital Technology leads into level 3 Technology but also gives an advanced foundation of skills to support general academic and vocational pathways.

Next steps from this course:

Level 3 Technology

Cost: TBC

Contact: Mr John Robinson

Office and Computing Level 1, 2 OFC 111 OFC 212

Eligible for endorsement? No

7 internals (18 credits)

0 externals (0 credits)

Pre-requisites: None

NCEA Level 1 Numeracy (0 credits)

NCEA Level 1 literacy (0 credits)

UE literacy (0 credits)

In this course we will learn to:

Gain an overall view of the aspects of office computing in the workplace. As I embark on making career choices I will acquire basic accounting, word processing and interpersonal communication skills. As I step into the job arena, I know that I have to familiarise myself with the workplace responsibilities and ergonomics principles. I also know that I have to keep myself safe and consider the safety of others. Acquainting myself with basic spreadsheet and data tracking skills, I will be able to recognise financial transactions and documents used on a daily basis in businesses.

This course is useful for:

Researching local businesses in the town of Greymouth and providing an insight into the ethics of formal office communication. It can be considered as a stepping stone towards the career the I have chosen. With a flexible assessment schedule, I can track and manage my own learning journey. I know that the Level 1 and 2 NCEA Unit Standards offered to me will allow me to gain credits towards my NCEA Level 2 courses, allowing me to bank some credits.

Next steps from this course:

Getting proficient in word processing and administration to access the NCEA Level 2 Business Studies course offered at Grey High. I also will be able to explore various Polytechnic Business Administration courses.

Cost: TBC

Contact: Ms Chowfin

English

English & Literacy ENA111 Level 1

Eligible for endorsement? No

5 internals (17 credits)

1 externals (4 credits)

Pre-requisites: None

NCEA Level 1 Numeracy? (No)

NCEA Level 1 Literacy? (Yes - 21 credits)

UE literacy? (No)

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.

Cost: Nil

Contact: Ms Quick

Communications English ENC111 Level 1

Eligible for endorsement? No

6 internals (18 credits)

No externals

Pre-requisites: None

NCEA Level 1 Numeracy: No

NCEA Level 1 literacy: 10 credits

UE literacy: No

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.

We will use a range of contemporary texts with an emphasis on New Zealand film, culture, heritage, sport and music. We will learn to write a short report, write formal letters, and select texts relating to a personal interest. We will also work to develop our oral speaking skills with more confidence. We will be exploring our local community with opportunities outside the classroom for further study.

This course is best suited to students who are working at level 3 in English at the end of Year 10.

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 and New Zealand film. This course will build on your skills and will provide you with a solid foundation with which to move into L2 English.

Cost: Nil

Contact: Ms Donovan or Ms Quick

Academic English Level 1 ENGI11

Eligible for endorsement? Yes

4 internals (14 credits)

2 externals (8 credits)

Pre-requisites: Working at Level 5 or 6 in English at the end of Year 10.

NCEA Level 1 numeracy: no.
NCEA Level 1 literacy: 14 credits
UE literacy: no

In this course we will learn to:

English is the study, use, and enjoyment of the English language and its literature, communicated orally, visually, and in writing, for a range of purposes and audiences and in a variety of text forms. In this course we will explore films, advertisements, novels, poetry, short stories and non-fiction texts and organise our ideas to show an increasingly confident understanding of the meanings in the texts and how they link to the world around us. We will develop our research skills and present our learning using written, visual and oral methods.

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.

Cost: Nil

Contact: Ms Schwabe or Ms Quick

General English Level 2 ENA212

Eligible for endorsement? No

5 internals (15 credits)

1 externals (4 credits)

Pre-requisites: 7-14 Achievement Standards English credits at Level 1.

NCEA Level 1 Numeracy: No
NCEA Level 1 literacy: 10 credits
UE literacy: 4 reading, 4 writing

In this course we will learn to:

This course is designed for students who would like to keep an academic pathway open but who found Level 1 English difficult. This course is a mixture of English achievement standards and Communications Skills unit standards.

In this course we will learn to analyse films, write reports and read widely to research a topic and to explore different perspectives on a topic. We will develop our skills at reading and interpreting a wide range of non-fiction texts. Students will get opportunities to choose what topics they study in several assessments.

This course is useful for:

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

Next steps from this course:

English for Academic Purposes at Level 3 or further study at polytechnic or in the workplace.

Cost: Nil

Contact: Ms Quick

Communications English Level 2 ENC212

Eligible for endorsement? No

5 internals (15 credits)

No externals

Pre-requisites: 10 Literacy credits at Level 1 are preferred for this course. Entry without Level 1 literacy by negotiation with HOD.

NCEA Level 1 Numeracy: No
 NCEA Level 1 literacy: No
 UE literacy: No

In this course we will learn to:

Develop our reading and writing skills so that we can participate confidently in further study and in the workforce.

In this course we will develop our research skills, building confidence to assess how useful and reliable a range of non-fiction texts are. We will learn to write reports, and critically assess differing perspectives about an issue. This course will use a range of visual texts with an emphasis on New Zealand film.

We will develop our skills in thinking, justifying and arguing an opinion and sharing it with confidence. We will also study personal, local and global issues so that we can better understand the world around us.

This course is useful for:

Your continued need to develop sustained reading and writing skills. This will be especially relevant in a workplace environment or in further training. It will help you to be able to make sense of local, and wider issues. The skills in this course will prepare you for being able to select and read a range of texts on line and using paper copies. You will continue to develop your skills in writing reports using a set paragraph and report structure. The course will also give you experience in working with Tourism related workplace documents. It may also involve tasks from other learning areas. There will be opportunities in this course to achieve some L3 Communication English Unit Standards.

Next steps from this course:

This course will help you to develop the skills needed in a variety of workplace environments as well as equip you for the literacy demands of the wider world and of further study.

Cost: Nil

Contact: Ms Donovan or Ms Quick

**English Literature
 Level 2**

ENL212

Eligible for endorsement? Yes

3 internals (11 credits)

2 externals (8 credits)

Pre-requisites: 14 AS credits in Level 1 English

NCEA Level 1 Numeracy: No

NCEA Level 1 literacy: 22 credits

UE literacy: 12 reading & 8 writing

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 make our own choices about which texts we will evaluate and how we want to make the links to ourselves and to our own world. We will research a current issue of our own choice that interests or concerns us, and we will make an oral/visual presentation that is also on a topic of our choice.

This course is useful for:

Developing the 21st century skills we will need as we begin the transition that will be completed in year 13, that of moving from high school out into the wider world of tertiary study or employment. We will need to know how to make reasoned choices, and how to complete difficult projects both individually and collaboratively. It will be important for us to be able to think clearly and objectively, to question and challenge if necessary, to read and write efficiently and effectively, and above all to be critical thinkers.

Next steps from this course:

Would ideally be level 3 English, in preparation for tertiary study. However, the skills developed in this level 2 course will be invaluable in life, whether in an academic, vocational or professional setting.

Cost: Nil.

Contact: Ms Longbottom or Ms Quick

Visual English ENV212 Level 2

Eligible for endorsement? Yes

3 internals (10 credits)

2 externals (8 credits)

Pre-requisites: 14 AS credits in Level 1 English

NCEA Level 1 Numeracy? (no)

NCEA Level 1 literacy? (18 credits)

UE literacy? (8 reading, 8 writing)

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:

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.

Cost: Nil.

Contact: Ms Quick or Ms Evans

Media Audiences MED212 Level 2

Eligible for endorsement? Yes

3 internals (13 credits)

1 externals (4 credits)

Pre-requisites: 12 Credits Level 1 English

NCEA Level 1 Numeracy: No

NCEA Level 1 literacy: (17 Credits)

UE literacy? (4 credits writing)

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:

Level 3 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.

Cost: TBC

Contact: Mr. Hanson

English for Academic Purposes Level 3

EAP313

Eligible for endorsement? No

4 internals (20 credits)

0 externals (0 credits)

Pre-requisites: 7 AS credits in English at Level 2 or other literacy-rich subjects by negotiation with the HOD.

NCEA Level 1 Numeracy? (No)

NCEA Level One literacy? (No)

UE literacy? (Yes - 5 reading & 5 writing)

In this course we will learn to:

We will learn the literacy skills needed for academic tertiary study. We will read a range of university level texts and learn to take notes and process what we read. We will listen to a range of lectures and famous speeches and practise note taking and processing oral information. We will develop our academic writing skills, looking at reports and essays. We will develop oral presentation skills, presenting on an academic topic of our own choice. We will use contexts from other subjects where possible. 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 university study and need to develop their literacy skills. The skills in this course are very useful preparation for taking notes and writing essays and reports at university. Students aiming for NCEA merit or excellence endorsement should note that this course is a Level 4 unit standards course and thus merit and excellence grades are not available. Students who are not sure about tertiary study or who plan on taking a gap year and keeping their options open may find this course valuable.

Next steps from this course:

Tertiary study at a university or in degree courses at a polytechnic.

Cost: Nil.

Contact: Ms Quick

English Level 3

ENG313

Eligible for endorsement? Yes

3 internals (13 credits)

2 externals (8 credits)

Pre-requisites: 14 AS English credits at Level 2

NCEA Level 1 Numeracy: No

NCEA Level 1 literacy: 21

UE literacy: 14 writing, 4 reading

In this course we will learn to:

This course provides opportunities to study both visual texts (films) and written texts (novels, short stories and poetry). In this course we will learn to make reasoned and convincing written arguments in response to questions and statements, supported by evidence from studied self-selected visual, verbal, and oral texts and from the wider world. We will learn that it is not so much a matter of being right or wrong, as a matter of supporting our argument with evidence that will make it as irrefutable as possible. We will develop strong written and oral skills in analysis and evaluation, judgement and interpretation, and we will write in a range of styles that reflect specific genres.

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.

Cost: Nil

Contact: Ms Quick or Ms Longbottom

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

NCEA Level 1 Numeracy? No
NCEA Level 1 literacy? (17Credits)
UE literacy? (4 Credits, Writing)

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: TBC

Contact: Mr Hanson

Mathematics Department

Maths MAT111 Level 1

Eligible for endorsement? Yes

3 internals (11 credits)

3 externals (12 credits)

Pre-requisites: None

NCEA Level 1 Numeracy? (Yes)
NCEA Level 1 Literacy? (No)

In this course we will learn to:

This course has an emphasis on algebra and is recommended for students who eventually wish to advance to Level 3 Calculus (for those students who want a career / further study in a scientific / engineering / maths based career).

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

Cost: Nil

Contact: Mrs Wheeler

General Maths MTH111 Level 1

Eligible for endorsement? Yes

3 internals (11 credits)

2 externals (8 credits)

Pre-requisites: None

NCEA Level 1 Numeracy? (Yes)
NCEA Level 1 Literacy? (No)

In this course we will learn to:

This course provides students with 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.

This course is useful for:

This course is recommended for students who may not wish to continue to study maths at Level 3 or those who wish to advance to Level 3 Statistics (for those students who want a career / further study in business / psychology/ statistics based career) A scientific calculator is essential and a graphical calculator is recommended but essential if continuing on to Level 3 statistics.

Cost: Nil

Contact: Mrs Wheeler

**Numeracy
Level 1**

MTT111

Eligible for endorsement? No

3 internals (10 credits)

2 externals are optional

NCEA Level 1 Numeracy? (Yes)

NCEA Level 1 Literacy? (No)

In this course we will learn to:

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

Cost: Nil

Contact: Mrs Wheeler

**Maths
Level 2**

MAT212

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.

NCEA Level 1 Numeracy? (Yes)

NCEA Level 1 Literacy? (No)

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.

Cost: Nil

Contact: Mrs Wheeler

**General Maths
Level 2**

MTH212

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

NCEA Level 1 Numeracy? (Yes)

NCEA Level 1 Literacy? (No)

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 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.

Cost: Nil

Contact: Mrs Wheeler

Statistics MAS212 Level 2

Eligible for endorsement? Yes

5 internals (13 credits)

1 external (4 credits)

Prerequisites: Level 1 Numeracy, Level 1 Literacy and Achievement in Chance and data AS91037

NCEA Level 1 Numeracy? (Yes)

NCEA Level 1 Literacy? (No)

In this course we will learn to:

This course is predominantly statistics based but will also include algebra and graphs as well as some trigonometry. This course is recommended to prepare students for statistics at Level 3. A graphical calculator is essential.

Cost: Nil

Contact: Mrs Wheeler

Maths with Calculus CLC313 Level 3

Eligible for endorsement? Yes

1 internal (4 credits)

3 externals (17 credits)

Prerequisites: 10 Maths credits at Level 2 including Merit/Excellence in Algebra AS91261 and Calculus AS91262

NCEA Level 1 Numeracy? (Yes)

NCEA Level 1 Literacy? (No)

In this course we will learn to:

This is a calculus (extended algebra) course for students who may wish to study a course involving mathematics beyond level 3 (engineering, science, medicine etc). This course has a high proportion of credits gained from external assessment. A graphical calculator is essential for this course.

Cost: Nil

Contact: Ms Reij

Maths with Statistics STS313 Level 3

Eligible for endorsement? Yes

3 internals (10 credits)

2 externals (8 credits)

Prerequisites: 10 Maths credits at Level 2 including Merit/Excellence in Probability AS91267

NCEA Level 1 Numeracy? (Yes)

NCEA Level 1 Literacy? (No)

This is a course for students who wish to study statistics beyond level 3 (economics, management, social sciences, biological science, medicine etc). Statistics is a key component for most university programmes. A graphical calculator is essential for this course.

Cost: Nil

Contact: Mrs Wheeler

Physical Education

Health Level 1 HLT111

Eligible for endorsement? Yes

3 internals (11 credits)

1 externals (4 credits)

1 optional external (4 credits)

NCEA Level 1 Numeracy? (x credits)

NCEA Level 1 literacy? (11 credits) optional (4 credits)

UE literacy? (X credits)

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 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 2 Health.

Cost: Nil
Contact: Miss Cooper

Health Level 2 HLT212

Eligible for endorsement? Yes

3 internals (15 credits)

1 externals (5 credits)

Pre-requisites: Level 1 Literacy
 14+ credits in Level 1 Health

NCEA Level 1 Numeracy? (0 credits)

NCEA Level 1 literacy? (20 credits)

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.

Cost: Nil
Contact: Miss R Cooper

Health Level 3 HLT313

Eligible for endorsement? Yes

3 internals (14 credits)

1 external (5 credits)

Pre-requisites: 14+ credits at Level 2 Health

NCEA Level 1 Numeracy? (0 credits)

NCEA Level 1 literacy? (19 credits)

UE literacy? Yes

In this course we will learn to:

This course aims to build on content covered in Level 2 Health. Level 3 Health focus on analysing a range of current health issues and evaluating New Zealand health practices. In this course, we will be expected to apply a critical perspective when analysing health issues and challenge taken-for-granted assumptions. We 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:

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 at university. This course allows students to gain Merit and Excellence endorsement.

Next steps from this course:

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

Cost: Nil

Contact: Miss R Cooper

Physical Education Level 1 PED111

Eligible for endorsement? Yes

Minimum of 18 internal credits

No externals available in PE

Pre-requisites: A history of participation and enjoyment of PE in Junior School

NCEA Level 1 Numeracy? (x credits)

NCEA Level 1 literacy?

UE literacy? (X credits)

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 also factors that influence participation, the anatomical structure of the body, biophysical principles and physiological response 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:

Students who are looking for academic pathways to University study. Particularly those students that are looking to gain an understanding of how the body functions or the societal influences that affect our physical activity. There is a strong element of critical thinking and research based skills in all Physical Education courses at Greymouth High. This course allows students to gain Merit and Excellence endorsement, without the need for external exams.

Next steps from this course:

It will lead students into NCEA Level 2 Physical Education (PED212)

Cost: \$10

Contact: Mr I McLeod (HOD of PED)

Physical Education Level 2 PED212

Eligible for endorsement? Yes

Minimum of 18 internal credits

No externals available in PE

Pre-requisites: PE Achievement Standards 1.1,1.3 and one other standard required OR approval by the HOD

NCEA Level 1 Numeracy? (x credits)
NCEA Level 1 literacy?
UE literacy? (X credits)

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 18 credits being offered. 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. Topics covered will include understanding the application of biophysical principles of training, demonstration of social responsibility and looking at the significance of physical activity for self, others and society.

This course is useful for:

Students who are looking for academic pathways to University study. Particularly those students that are looking to gain an understanding of how the body functions or the societal influences that affect our physical activity. There is a strong element of critical thinking and research based skills in all Physical Education courses at Greymouth High. This course allows students to gain Merit and Excellence endorsement, without the need for external exams.

Next steps from this course:

Students will be equipped with the knowledge necessary for entering NCEA Level 3 Physical Education (PED313) or alternatively tertiary study.

Cost: \$10

Contact: Mr I McLeod (HOD of PED)

Physical Education Level 3 PED313

Eligible for endorsement? Yes

16 compulsory internal credits 4 optional credits

No externals available in PE

Pre-requisites: AS 2.3 plus at least 8 other credits from PED212

NCEA Level 1 Numeracy? (x credits)
NCEA Level 1 literacy? (X credits)
UE literacy? (X credits)

In this course we will learn to:

Level 3 Physical Education students will actively participate in a wide range of physical activities. They will be required to display a high level of engagement and effort throughout the activities, be encouraged to positively participate and contribute to class activities, effectively manage themselves, the equipment and the environment, and relate positively with other members of the class. Students will gain a range of critical thinking skills while investigating the biophysical principles of training, biomechanics, functional anatomy, socio- ecological factors that influence participation and the role of health promotion in our society.

This course is useful for:

Academic students that are looking at a career in the health sector or further study of the human body and it's functions will be well prepared by this course.

Next steps from this course:

There are many tertiary study options available to students who have studied Physical Education through to Level 3 NCEA.

Cost: \$10

Contact: Miss L Thompson (Teacher) or Mr I McLeod (HOD of PE)

Physical Education

Sports, Fitness and Recreation Level 1 SFR111

Eligible for endorsement? Yes/No

This course offers 12 compulsory achievement standard credits and 6 additional unit standard credits. There is also the option of 6 unit standard credits through participation at a Adventure Based Learning Camp at the Boyle River Outdoor Education Centre.

Pre-requisites: A history of participation and enjoyment of PE in Junior School

NCEA Level 1 Numeracy? (x credits)
NCEA Level 1 literacy? (X credits)
UE literacy? (X credits)

In this course we will learn to:

In Level 1 Sport Fitness and Recreation we aim to build on content covered in junior PE and Sport Fitness and Recreation option. It will offer students the opportunity to participate in a wide range of physical activities and learning contexts. Students will be required to make notes in class, complete homework tasks and course work outside of class time. It is essential that every lesson students bring a positive attitude towards participation in both theory and practical components. The Level 1 Sport Fitness and Recreation students will have the opportunity to participate in a variety of outdoor recreation activities. These activities will incur a cost of no more than \$160.00 which will be confirmed closer to the date.

This course is useful for:

Students who are looking to learn skills in Outdoor Recreation and Sports Fitness activities. There is a strong element of personal organisation and commitment to EOTC and sporting events.

Next steps from this course:

It will lead students into NCEA Level 2 Sports, Fitness Recreation (SFR212).

For those who wish to further expand their learning in Outdoor Education there are options available with the Trades Academy Outdoor programme through Tai Poutini Polytechnic in Year 12.

Cost: No more than \$160. TBC start of 2018

Contact: Mr B Louie (SFR teacher) or Mr I McLeod (HOD of PE)

Sports, Fitness and Recreation Level 2 SFR212

Eligible for endorsement? No

This course offers 10 compulsory achievement standard credits and 6 additional unit standard credits.

Pre-requisites: Pleasing achievement in SFR Level 1 or Physical Education Level 1 / HOD approval

NCEA Level 1 Numeracy? (x credits)
NCEA Level 1 literacy? (X credits)
UE literacy? (X credits)

In this course we will learn to:

In 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. Students have the opportunity to further participate in a wide range of physical activities and learning contexts. Students will be required to make notes in class, complete homework tasks and course work outside of class time. The Level 2 Sport Fitness and Recreation students will have the opportunity to participate in a variety of outdoor recreation activities. Although these experiences are not compulsory we highly recommend you take part as they will help you to make meaning of the concepts covered within the course.

This course is useful for:

Students who are looking to learn skills in Outdoor Recreation and Sports Fitness activities. There is a strong element of personal organisation and commitment to EOTC and sporting events.

Next steps from this course:

For those who wish to further expand their learning in Outdoor Education there are options available with Outdoor Recreation programme through Tai Poutini Polytechnic in Year 13.

Cost: No more than \$170. TBC start of 2018

Contact: Mr B Louie (Teacher) or Mr I McLeod (HOD of PE)

Science

Biology Level 2

BIO212

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 Level 3 Polytechnic pre Health Sciences and laboratory technician qualifications

Cost: \$20 Biozone NCEA Level 2 Externals (voluntary)

Contact: Mrs Newberry

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

NCEA Level 1 Numeracy? (4 credits)

NCEA Level 1 literacy? (4 credits)

UE literacy? (15 credits)

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 Externals (voluntary), Field trip to Orana Park, Christchurch costs to be advised

Contact: Mrs Newberry

Chemistry CHEM212 Level 2

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.

4 NCEA Level 1 Numeracy credits
12 NCEA Level 1 Numeracy credits

In this course we will learn to:

- Identify unknown ions in solution.
- Understand the properties of selected organic compounds.
- Understand bonding structure and properties of energy changes.
- Measure concentrations of unknown solutions.
- Research the development of a current technology in Chemistry.

This course is useful for:

Entry to Chemistry 313 and University Entrance.

Chemistry enables us to understand the properties of different materials and to transform materials into new and useful substances. Chemistry 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:

Many Degree courses at University require Chemistry as either a prerequisite or a recommended subject.
Polytechnic and technician qualification.

Cost: Level 2 beginning Chemistry Level 2 workbook \$40 (voluntary)

Contact: Mrs Johnson

Chemistry CHEM313 Level 3

Eligible for endorsement? Yes

3 Internals (10 credits)

2 Externals (10 credits)

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

UE literacy? (4 credits in writing, 3 credits in reading or writing)

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.

Cost: Level 3 Chemistry Level 3 workbook \$40 (voluntary) Canterbury University Chemistry Physics Field Trip - \$15 (voluntary)

Contact: Dr Hunter

Physics PHYSICS 212 Level 2

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

NCEA Level 1 Numeracy (20 credits)
 NCEA Level 1 literacy (23 credits)
 UE literacy (0 credits)

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:

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 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

**Physics
 Level 3**

**PHYSICS
 313**

Eligible for endorsement? Yes

3 internals (10 credits)

3 Externals (16 credits)

Prerequisites: Any three of:
 AS 91168 - Lab, AS 91170 - Waves, AS 91171 - Mechanics, AS 91173 - Electricity & Electromagnetism

NCEA Level 1 Numeracy (0 credits)
 NCEA Level 1 Literacy (26 credits)
 UE literacy (reading) (3 credits)

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:

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:

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

General Science **SCIENCE111** Level 1

Eligible for endorsement? Yes

2 internals (7 credits)

3 externals (12 credits)

Pre-requisites: Achieving at curriculum Level 5 in Year 10. Be intending to take Biology, Chemistry or Physics in Year 12

NCEA Level 1 Numeracy? (8 credits)

NCEA Level 1 literacy? (7 credits)

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 and/or Electronics 212

Cost: TBA

Contact: Mrs Newberry

Vocational Science **VOSC111** Level 1

Eligible for endorsement? No

5-6* internals (24 credits)

*time permitting

Pre-requisites: A reasonable level in Year 10 Science. An interest in Science and/or an intention to pursue a vocational career that does not require one of the specialist Sciences

NCEA Level 1 Numeracy? (8 credits)

NCEA Level 1 literacy? (8 credits)

In this course we will learn to:

- Food poisoning and how microorganisms interact with humans.
- The use of metals in society.
- Heat and its implications in everyday life.
- Effects of the astronomical cycles on earth
- Practical investigation skills.

This course is useful for:

It provides a foundation of science literacy and capability for students to apply in everyday life by engaging them in practical situations through which they explore some of the key science ideas and concepts.

Next steps from this course:

Vocational Science 2 and /or Electronics 2

Cost: TBA

Contact: Mrs Newberry

Vocational Science VOSC212 Level 2

Eligible for endorsement? No

5-6* internals (18-22 credits) *Time permitting

Pre-requisites: VOSC111 or SCI 111

NCEA Level 1 Numeracy (4 credits)

NCEA Level 1 literacy (12 credits)

In this course we will learn to:

- Observe the structure of single-celled organisms with microscopes.
- Discover how geological formations are made.
- Measure the exact concentration of chemicals.
- Study how scientific information is presented to the public.
- See how organisms can survive extreme conditions.
- Carry out an investigation into an aspect of Earth and Space science.

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

Cost: Field trip TBA

Contact: Mrs Newberry

Electronics ELECTRONICS212 Level 2

Eligible for endorsement? No

5 internals (24 credits)

Pre-requisites: AS 90940 - Mechanics OR

AS 90941 - Electricity & Magnetism

Level 1 Numeracy

Co-requisites: A minimum of 16 credits at Level 2 or above from any of the following areas: Computing, Electrical or Electronic, Engineering, Digital or Generic Technology, Mathematics, Statistics & Probability, Chemistry, Physics

In this course we will learn to:

- Demonstrate introductory knowledge of circuit concepts and measurements for electronics - US 18239
- Demonstrate knowledge of basic electronic components - US 18240
- Demonstrate knowledge of basic electronic systems - US 18241
- Construct a simple printed circuit - US 18242
- Construct simple electronic products from supplied circuit schematics - US 18243

This course is useful for:

This course is useful as is recognised by university and polytechnic engineering schools and electrotechnology departments as a desirable entry qualification.

This is an introductory certificate for people interested in electronics and who may wish to pursue further training and employment in this field.

NCET core credits count towards other qualifications, including National Certificate in Electronic Engineering (electronics technicians) and National Certificate in Electrical Engineering (electrical apprentice)

Next steps from this course:

- National Certificate in Electronics Technology (Level 3)
- Take up an apprenticeship in electronics or electrical industries and study for the National Certificates in Electronic Engineering or the National Certificates in Electrical Engineering
- Study for the New Zealand Diploma in Engineering

Cost: \$24 NCET Level 2 Workbook (voluntary)

Contact: Mr Gallagher

Social Sciences

Classical Studies CST212 Level 2

Eligible for endorsement? Yes

2 internals (10 credits)

2 externals (10 credits)

Pre-requisites: 12 AS Credits in a language rich subject at level 1 or at the discretion of the HOD.

NCEA Level 2 numeracy? No

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 CST313 Level 3

Eligible for endorsement? Yes

2 internals (12 credits)

2 externals (10 credits)

Pre-requisites: Level 2 Classics or English

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 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

14 internals credits

8 externals credits

Pre-requisites: Open entry to course.

NCEA Level 1 Literacy 8 credits

NCEA Level 1 Numeracy 6 credits

UE Reading 0

UE Writing 0

In this course we will learn to:

In this course we will develop an understanding of the environment through the study of natural events, sustainable use of the environment. We will begin to interpret the world and how it changes over time – past, present, and future.

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

Students will learn to think spatially and use maps, visual images and new technologies, including geographical information systems (GIS), to obtain, present and analyse information.

Topics covered will include:

- How Natural Events shape environments (Choice of Floods, or Tsunamis)
- Sustainable use of an environment
- Research a local topic (Dependent on what's current)
- Explore an Issue (Dependent on what's current locally)
- Apply spatial analysis to the possible impact of sea levels rising due to Climate Change

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 and their place in it. In geography, students have the opportunity to:

- Build on and expand their personal experiences of natural and cultural environments
- Explore real and relevant contemporary contexts
- Think spatially – explore the ways in which features are arranged on the earth's surface
- Look at the processes that shape our world
- Undertake fieldwork investigations in different locations outside the classroom
- Develop an awareness of the connections between people and places
- Participate in informed responsible action in relation to geographic issues that affect them

Next steps from this course:

Next steps from this course is Level 2 and 3 Geographical Science.

There are many types of jobs that fit well with geography qualifications. Geographers work in a wide range of fields, from: urban and regional planning, industrial location and marketing, environmental monitoring and resource management, community development, as researchers, analysts, consultants, technologists and planners.

Cost: TBC

Contact: Mr Orr

Geographical Science Level 2

GSC212

Eligible for endorsement? Yes

4 internals (14 credits)

2 externals (8 credits)

Pre-requisites: 14 credits in Geography Level 1 or 14 credits in History Level 1 or 12 credits in Level 1 Science

HOD discretion applies to those not meeting the prerequisites, good literacy and a strong interest will be looked for.

UE literacy? (4 reading and 4 writing credits)

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
- Carrying out a spatial analysis using GIS mapping systems

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, 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.

Clear file folder and \$5 printer credit

Contact: Mr Orr or Ms Seyb

Geographical Science Level 3

GEO313

Eligible for endorsement? Yes/No

4 internals (14 credits)

2 externals (8 credits)

Pre-requisites:

14 credits in Geography Level 2 or

14 credits in History Level 2 or

12 credits in Level 2 Science

HOD discretion applies to those not meeting the prerequisites, good literacy and a strong interest will be looked for.

UE literacy (14 UE reading credits, 8 writing credits)

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 in natural environments, performing research, using GIS mapping systems and engaging with the local natural and cultural environment.

From this course students will develop an understanding of;

- The geographic processes which shape a large New Zealand environment
- Analysing a contemporary geographic event
- Conducting geographic research
- Analysing aspects of a contemporary geographic issue - at local and global scales
- Applying spatial analysis to solve a geographic problem using GIS mapping.
- 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

Clear file folder and \$5 printer credit

Contact: Mr Orr or Ms Seyb

**History
Level 1**

HIS111

Eligible for endorsement? Yes

3 internals (12 credits)

3 externals (12 credits)

Pre-requisites: No pre requisites

NCEA Level 1 Numeracy? (x credits) 0

NCEA Level 1 literacy? (X credits) 24

UE literacy? (X credits) 0

In this course we will learn to:

Year 11 History is a dynamic and varied subject. Students develop the skills to analyse a range of resources to understand what happened in the past and how it affects us today, and the ability to present ideas clearly and logically. This includes source interpretation, research and essay writing skills.

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. These include research techniques, the skills needed to process and synthesise varied and complex materials, the skills needed to give clear and effective oral and written presentations, and the ability to articulate ideas and make them clear to others.

With these skills, students enhance their employability and are able to participate actively and critically in their societies.

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, law, policy analysis, government intelligence, museum curation, journalism, or research assistants.

Cost: TBC

Contact: Miss Vernall or Mrs Bermingham

History Level 2 HIS212

Eligible for endorsement?

3 internals (14 credits)

3 externals (14 credits)

Pre-requisites: 12 credits in either History or English AS at Level 1

NCEA Level 1 Numeracy? (x credits) 0

NCEA Level 1 literacy? (X credits)

Reading 28

Writing 14

UE literacy? (X credits) 0

In this course we will learn to:

Examine several contexts, ranging in time and location, and examine how these past events affect the world we live in today. At this level students will examine the impact of historical forces and factors which shaped individual and group identity in the 20th C. The course gives students the opportunity to study the rise of the Nazi Party in Germany as well as a wide choice of events to study for their individual research.

This course is useful for:

This course is useful for enhancing students' curiosity about, and understanding of, the past. It aims to develop the knowledge, skills and experience for students to understand how important forces and movements in the past (e.g. Nazism, nationalism, protests) have influenced the causes and consequences of events that are of significance to us as New Zealanders.

Next steps from this course:

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

Cost: TBC

Contact: Miss Vernall or Mrs Bermingham

History Level 3 HIS313

Eligible for endorsement? Yes

3 internals (15 credits)

3 externals (16 credits)

Pre-requisites: 12 Credits in HIST 212 or ENGL 212

NCEA Level 1 Numeracy? (x credits) 0

NCEA Level 1 literacy? (X credits) 31

Reading 31

Writing: 16

UE literacy? (29 credits)

In this course we will learn to:

Examine several contexts, ranging in time and location, and examine how these past events affect the world we live in today. At this level students are encouraged to question the conclusions of historians and develop their own interpretations. Topics will include a New Zealand based unit on the colonisation of New Zealand and a study on the causes and consequences of the Atomic Bomb. A field trip relevant to the area of study will also take place.

This course is useful for:

Developing high-level critical thinking, research, analysis, and writing skills. We will also examine several contexts, ranging in time and location, and examine how these past events affect the world we live in today.

Next steps from this course:

This course leads on to University and careers as diverse as advertising, 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 Vernall or Ms Seyb

Psychology and Legal Studies Level 2

PLS212

Eligible for endorsement No

X internals (21 credits)

Pre-requisites: 12 AS Credits in Level 1 English or a Level 1 Social Science.

Level 1: 21 literacy credits

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.

Within Psychology we will introduce the major theories in psychology and include topics from; the scientific methods used in psychology, memory and approaches to explain addictions.

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

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 PLS313 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 Level 3

PLS313

Eligible for endorsement? Yes

TBC 17 credits internally

3 credits externally

Pre-requisites: Students will be expected to read and complete research therefore a reasonable literacy level is required. Suggested minimum 12 AS Credits in Level 1 English and 8 Level 2 English credits or 2 Social Science.

UE literacy TBC standard in Level 3 Psychology to be registered in Nov 2017

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 four areas: neuroscience, 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, concepts of democracy and government and different concepts of justice.

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 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? Yes

Approximately 10 internals credits

12 externals 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 16 credits in the previous level

All standards offered contribute to Literacy at Level. Level 2 and 3 contribute to literacy for UE

In this course we will learn to:

This course will be offered as a multilevel class.

This course encourages effective communication in listening, speaking/presenting, reading/viewing and writing in Māori. The grammar, language will be introduced through a range of themes.

This course is useful for:

Māori is one of the official languages of New Zealand and an integral part of the country's culture. There are numerous reasons to learn Māori from personal enjoyment to career requirements. Learning Māori will provide an enhanced understanding of our culture and society.

Next steps from this course:

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 Māori is increasingly expected and required of those seeking to study in Postgraduate courses at University.

Cost: TBC
Contact: Ms Seyb

Tourism Level 2 TOU212

Eligible for endorsement? No

X internals (26 credits)

Pre-requisites: No prerequisites. Students must complete 6 Level 2 literacy credits and 8 Level 1 Numeracy credits before the end of the year to gain the qualification

NCEA Level 1 Numeracy 0 credits)

NCEA Level 1 literacy? (0 credits)

UE literacy? (0 credits)

In this course we will learn to:

This unit Standards-based 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.

Unit Standards are assessed throughout the year.

This course is useful for:

This qualification has been specifically designed for secondary school students and provides 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 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 Mr Orr

Tourism Level 3

TOU213

Eligible for endorsement? No

X internals (26 credits)

Pre-requisites: No prerequisites Students must complete 6 Level 2 literacy credits and 8 Level 1 Numeracy credits before the end of the year to gain the qualification

NCEA Level 1 Numeracy (0 credits)
NCEA Level 1 literacy? (0 credits)
UE literacy? (0 credits)

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 Unit Standards-based 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.

Unit Standards are assessed throughout the year.

This course is useful for:

This qualification has been specifically designed for secondary school students and provides 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 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 Mr Orr

Technology

Furniture and Design Level 1

FAD 111

Eligible for endorsement? Yes

18 internals

4 externals

Pre-requisites: Open

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 materials. Using skills acquired for measurement, accuracy, problem solving and process systems.

Next steps from this course:

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 FAD 212

Eligible for endorsement? No

22 internals

0 externals

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:

Start courses at polytech or the construction industry or continue through to Level 3

Cost: To be confirmed

Contact: Mr Stevens

Furniture and Design Level 3 FAD 313

Eligible for endorsement? No

22 internals

0 externals

Pre-requisites: 18 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 be expected to set their own work program to meet the Achievement Standards available. They will be responsible for meeting the given deadlines for assessment.

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: To be confirmed

Contact: Mr Stevens

Hospitality Level 1 HOS 111

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 Polytech as Level 2 students.

Cost: \$130

Contact: Whaea Erin Connolly

Hospitality Level 2 HOS 212

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 polytech.

Cost: \$130

Contact: Whaea Erin Connolly

Mechanical Engineering Level 1

MEC111

Eligible for endorsement? No

3 internals (24 credits)

0 externals (0 credits)

Pre-requisites: None

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 in demand and useful.

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

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.

Next steps 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 MEC 212

Eligible for endorsement? No

6 internals (18 credits)

0 externals (0 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:

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 MEC 313

Eligible for endorsement? Yes/No

5 internals (15 credits)

0 externals (0 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

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 TDD or TEH.

NCEA Level 1 literacy? No (0 credits)

NCEA Level 1 Numeracy? Yes (6 credits)

UE literacy? No (0 credits)

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 e.t.c

Cost: Graphics pack approx \$40

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

NCEA Level 1 Numeracy? No (0 credits)

NCEA Level 1 literacy? Yes (6 credits)

UE literacy? (X credits)

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. At Level two 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

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

NCEA Level 1 Numeracy? No (0 credits)

NCEA Level 1 literacy? No (0 credits)

UE literacy? No (0 credits)

In this course we will learn to:

Want to stand out from the crowd? Learn to make your own hoodie to reflect your personality. You will learn to modify an existing pattern and decorate your hoodie using dyeing, screen printing or applied design techniques such as applique and embroidery. Students will begin the year learning or refreshing their basic sewing skills by making a personalised chromebook or Tech case using their own tie dyed or batik fabrics.

Suitable for beginners to intermediate sewers.

Skills covered are:

- Sewing machine use and maintenance
- Basic fashion drawing
- Using and modifying a pattern
- 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:

Level 2 Fabric and Fashion (FAB212)

Cost: \$60 covers basic costs

Contact: Mrs S Chapman

Fabric and Fashion FAB212 Level 2

Eligible for endorsement? No

5 internals (23 credits)

0 externals (0 credits)

Pre-requisites: FAB111 or HOD discretion

NCEA Level 1 Numeracy? No (0 credits)

NCEA Level 1 literacy? No (0 credits)

UE literacy? No (0 credits)

In this course we will learn to:

Who wants to wear the same clothes as everyone else! This mainly unit standards based course will offer students the chance to make an item of clothing of their own choice using a pattern or learning to design and draft a pattern to make their own original item of clothing or wearable art creation. Students will also explore how to apply colour and design to fabrics. Students will begin the year learning or refreshing their basic 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.

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 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: \$60 covers basic costs

Contact: Mrs S Chapman

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 highlight 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 is not a subject. It is an addition to your programme.



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. 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

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

2018 Course Selection Year 11-13

Name: _____ Mentor Class: _____

Please tick one box

- I will be returning to Grey High in 2018
- I am unsure if I will be returning to Grey High in 2018
- I will not be returning to Grey High in 2018

Mawhera Services Academy

- If you wish to enter the Mawhera Services Academy please tick and you will be interviewed with your parents/caregivers.

Mawhera Services Academy – please complete the additional option form.

West Coast Trades Academy

If you wish to enter the West Coast Trades Academy pathway you will be interviewed with your parents/caregivers. Please indicate your preferred programme below.

- | | |
|---|--|
| <input type="checkbox"/> Building and Construction | <input type="checkbox"/> Mechanical Engineering and CAD design |
| <input type="checkbox"/> Primary Sector | <input type="checkbox"/> Art and Design |
| <input type="checkbox"/> Computer Programming and Fusion Intern pathway | <input type="checkbox"/> Outdoor Education |
| <input type="checkbox"/> Automotive Engineering | <input type="checkbox"/> Manaaki Tāpoi (Block Course) |
| <input type="checkbox"/> Cookery | <input type="checkbox"/> Customer Service |
| <input type="checkbox"/> Music, Sound, Audio | <input type="checkbox"/> Agriculture |
| <input type="checkbox"/> Tourism and Customer Service | <input type="checkbox"/> Tourism Operations |
| <input type="checkbox"/> Sport, Health and Exercise | |

YEAR 11 - Mathematics and English are compulsory. You need to choose FOUR more subjects. We encourage students to spread their choices across at least three different curriculum areas.

YEAR 12 - English is compulsory. You need to choose FIVE more subjects. We encourage students to spread their choices across at least three different curriculum areas.

YEAR 13 - You need to choose FIVE subjects.

Current Year 10 - Students will be handing in their selection sheet to their Social Studies teacher during the week ending September 1st.

Current Year 11 and 12 - Students will be handing in their selection sheet on Thursday 31st August during Mentor time. Those needing further guidance will hand their sheet in on Friday 1st September in consultation with a Senior Dean and the Careers team. Please ensure both you and your parents/ caregiver have signed the form.

Student sign: _____ Parent sign: _____

Dean/Career sign: _____ Admin/input: _____

Availability of all courses is subject to staffing. Some courses will not be available if numbers are too small. Not all class combinations will be possible due to staffing and clashes.

2018 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

Please circle four more subjects from this column	Please circle five more subjects from this column	Please circle five or six subjects from this column
Art	Art	Art
	Photography	Photography
Drama	Drama	Drama
Music	Music	Music
Business Studies and Economics	Business Studies and Economics	Business Studies and Economics
Office Computing	Office Computing	
Accounting	Accounting	
Digital Technology	Digital Technology	
Game Design and Programming	Game Design and Programming	Game Design and Programming
		English
		English for Academic Purposes
	Media Studies	Media Studies
	Mathematics	Mathematics with Calculus
	Mathematics with Statistics	Mathematics with Statistics
	General Mathematics	

NCEA Level 1	NCEA Level 2	NCEA Level 3
Physical Education	Physical Education	Physical Education
Health Education	Health Education	Health Education
Sport, Fitness and Recreation	Sport, Fitness and Recreation	
History	History	History
Geographical Science	Geography	Geography
	Tourism	Tourism
	Psychology and Legal Studies	Psychology and Legal Studies
	Classical Studies	Classical Studies
General Science	Physics	Physics
	Chemistry	Chemistry
	Biology	Biology
	Electronics	
Vocational Science	Vocational Science	
Design and Visual Communication	Design and Visual Communication	
Fabric and Fashion	Fabric and Fashion	
Furniture and Design	Furniture and Design	Furniture and Design
Hospitality	Hospitality	
Mechanical Engineering	Mechanical Engineering	
Te Reo Maori	Te Reo Maori	Te Reo Maori
Back up =	Back up =	Back up =

If you wish to study a subject that is not a taught option at GHS, can you please indicate below.

Subject: _____



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

E-mail: office@greyhigh.school.nz

www.greyhigh.school.nz