

# Senior Curriculum Handbook

(reprinted 2009)

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# Introduction

This book has been prepared to assist students in making an informed choice about the courses they will take next year. It contains details relating to the variety and nature of subjects that are available at *Hutt International Boys' School* at Years 11, 12 and 13.

The information regarding course content is accurate at the time of printing. However, some standards are under review and these won't be registered until October. After this time a more accurate break down of each course will be found on the HIBS website.

It is important that students do not select a subject unless they are certain to follow through with that course of study and its requirements for the entire year. Withdrawal from a subject mid-year is strongly discouraged.

Every endeavour will be made to accommodate student requests, but where this is not possible because of class numbers or clashes, one of these options is available:

- Combine different year level studies in the same subject
- Ask the student to select an alternative subject
- Apply for Correspondence School programmes

# How To Use This Book

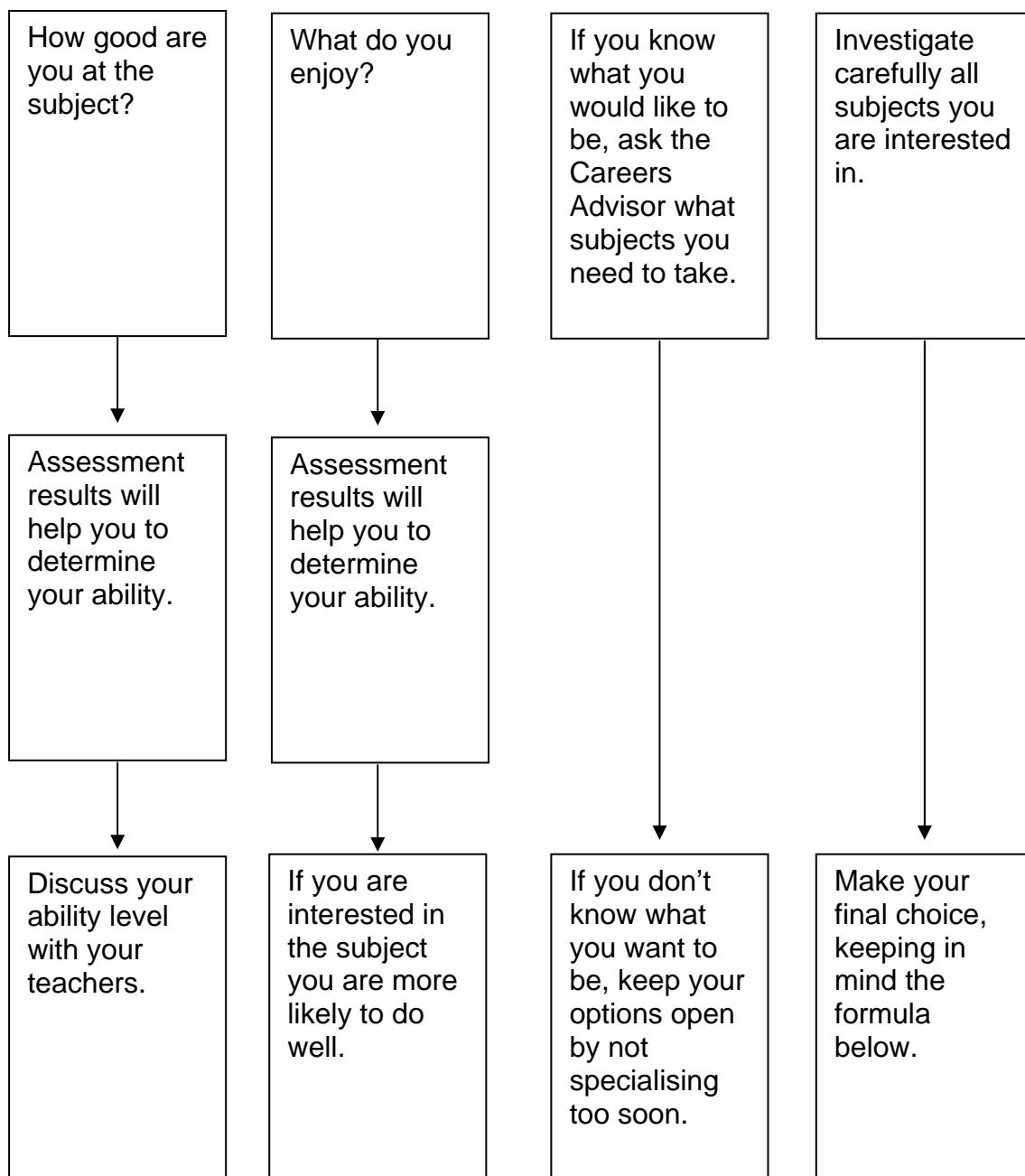
**Study this course booklet carefully, discuss it with your subject teachers, Tutor Teacher, HOD, Director of Senior Students, and Director of Curriculum.**

Identify your goals. Do you need a specific result for entrance into a tertiary institution? What do you hope to achieve in employment? What alternative pathways do you want to keep open? What subjects do you have to take to achieve these goals? What standards do you have to reach in the various courses to ensure Year level promotion as well as tertiary entry? Who can you see to get the right advice? You should not just look at next year in isolation, but plan for your study and career pathways for later years.

Choose your subjects with care since subject changes made later may be difficult to cater for. Carefully note entry requirements for subjects you might intend taking. Note entry requirements for subjects you might take in later years at school, Polytechnic or University.

Multi-level learning is possible and increasingly common. You may wish to accelerate a subject at an advanced level or take subjects at lower levels. If you wish to advance a level, you should consult the Director of Senior Students.

# Choosing a Course of Study



Here is a formula that may help you:

$$\text{ABILITY} + \text{INTEREST} + \text{OCCUPATION} = \text{SUBJECT CHOICE}$$

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

- Your present subject teacher
- Your Tutor teacher
- Head of Department
- Director of Senior Students
- Director of Curriculum.

# Who Can You See About Subject Choices?

Individual Subject Teachers  
Tutor Teacher  
Heads of Department:

English  
Mathematics  
Sciences  
Social Sciences  
Foreign Languages  
Technology  
Information Technology  
Commerce  
Physical Education  
Visual Art  
Music/Performing Arts  
Learning Support

Mrs J Dewar  
Mr N Wilson  
Mrs B MacKechnie  
Mr B Bailey  
Mrs H O'Brien  
Mr D Waterson  
Mr S Jenkins  
Ms J Moore  
Mr P Watt  
Mrs D Smith  
Mr G McMillan-Perry  
Mrs V Fitzgerald

Director of Senior Students,  
(HOD Careers and Senior Guidance)  
Director of Student Records and  
NZQA Liaison Officer  
Director of Curriculum

Ms J Moore  
  
Mr K Keys  
Mr M Hutchins

The Careers Library is available to students at all levels, including parents and the School community, throughout the day. There, you can access any information about careers, education and training pathways, job requirements and tertiary course prerequisites. It has the latest information and keeps pace with rapid changes. Career's information is also available on the web at [www.careers.co.nz](http://www.careers.co.nz)

# NCEA

NCEA is a system of assessment based on the national standards set in each subject. Achievement standards can be achieved by a student or achieved with Merit or Excellence. Unit Standards are passed at Achievement level. Both Achievement Standards and Unit Standards count towards NCEA.

In each subject different aspects of skills, knowledge and understanding are assessed separately. Each aspect can earn a different number of credits. So results about each student's efforts are detailed, giving a profile of their achievements.

The assessments are designed to suit the skill or knowledge being assessed. In most subjects at least half of the assessment is by end of year examinations run by the New Zealand Qualifications Authority.

The content of school subjects has changed very little. Skills and knowledge that can be assessed by examination will be included in normal end of year examinations run by NZQA. Most internal assessment involves skills such as giving a speech, making a product, carrying out research or laboratory work.

There are three NCEA qualifications: Level 1 (replacing School Certificate), Level 2 (replacing Sixth Form Certificate) and Level 3 (replacing University Bursaries). These are the first three levels of the NQF's eight levels (with the 8th level being a PhD).

For a student to be awarded NCEA Level 1 they must achieve 80 credits from anywhere on the National Qualifications Framework (NQF). Of these, 8 credits must be achieved in prescribed literacy standards and 8 credits must be achieved in prescribed numeracy standards.

For a student to be awarded NCEA Level 2 they must achieve 80 credits, 60 of which must be from Level 2 standards.

For a student to be awarded NCEA Level 3 they must achieve 80 credits, 60 of which must be from Level 3 standards. The remaining 20 credits must be from Level 2 or higher.

High achieving students can receive an endorsed NCEA. Students who receive 50 credits at Excellence level gain an NCEA endorsed with Excellence and 50 credits at Merit level (or Merit and Excellence) are needed to gain an NCEA endorsed with Merit.

The NCEA Qualification for each student shows his overall level of achievement. The cumulative annual Record of Learning gives more detailed results for every subject, standard by standard.

Providers of education will use NCEA results for entry selection. Employers understand standards and credits through their use of other national qualifications on the Framework.

# Special Assessment Conditions

Occasionally students who have a significant physical or learning difficulty require special assessment conditions to allow them to demonstrate their knowledge in assessments.

**Every applicant applying for special assessment conditions on the basis of significant learning problems must have a current assessment from an independent professional such as a Level C assessor or a Registered Educational Psychologist.**

The independent report must clearly note if a candidate qualifies for reader assistance, writer assistance or reader/writer assistance, separate accommodation, extra time or computer use and specify the reasons for arriving at such a conclusion based on the testing conducted.

The overarching principal is the notion of fairness. Fairness to the candidate in that providing special assessment conditions allows the candidate to demonstrate his ability and fairness in that the candidate does not gain an advantage by being provided with special assessment conditions. For example, having poor handwriting, being a poor speller or being a slow reader does not, in itself justify special assessment conditions. Testing must show the underlying cause of the candidate's difficulty.

Students receiving special assessment conditions must receive on-going teaching during their time at secondary school to manage their learning difficulty and be provided these conditions for any internal assessments during the year. The provision of Special Assessment Conditions in one year does not mean that Special Assessment Conditions will be automatically provided the next year.

The teacher in charge of Learning Support oversees the Special Conditions Applications.

# Derived Grades

## *In the case of external assessment:*

1. Candidates who have been clearly disadvantaged through illness or misadventure, or who consider that their performance in an external assessment has been seriously impaired because of exceptional circumstances beyond their control (this includes where the death of a family member or close acquaintance or national representative duties have prevented them from sitting examinations or otherwise presenting materials for external assessment), may apply to the New Zealand Qualifications Authority for a derived grade.
2. Except in exceptional circumstances, derived grades will only be granted as a result of a circumstance that occurred no more than one month before the start of examinations or the submission of work for other external assessment. The New Zealand Qualifications Authority may vary these conditions for performance-based external standards.
3. An applicant for a derived grade must:
  - Complete the New Zealand Qualifications Authority's application form and submit it to the school by the closing date. These forms are available from the school or from the NZQA website.
  - Supply a copy of their admission slip with the application.
  - Supply appropriate medical or documentary evidence.
4. Derived grades are only possible where the school has grades recorded from valid end-of-topic tests or practice exams. Due to the Quality Assurance process required for assessment events to be validated, this will mean that external examination grades will be derived from the Term 4 mock examination results in nearly all cases.
5. Where there is no grade from practice assessments for an external standard, whether that is because a student was absent or didn't complete an assessment, or because the timing of the teaching has meant that no practice assessment was given, no derived grade will be possible.

# **Appealing Internal Results in NCEA Assessments**

***Assessment results received by a student may be subject to appeal.***

1. For each assessment event the criteria for Achievement, Merit and Excellence will be made clear to the student.
2. On receipt of the marked assessment, students will be reminded of their right of appeal and be given the opportunity to discuss their grade with the class teacher / subject marker.
3. All appeals should be written on the appeals form which is available from the classroom teacher.
4. Appeals must be made within one week from the time the assessment is returned to the student.
5. Each student will be required to sign off his result to indicate his agreement with the grade allocated.
6. Where the student and class teacher / marker are unable to reach an agreement on the allocated grade the matter will be passed to the HOD for final judgment.
7. When the HOD is also the class teacher / marker the decision may be referred to the Director of Curriculum. In such a case, the decision of the Director of Curriculum will be final.

# Late Work and Student Absence

***Unless covered in the procedures outlined below, NCEA Internal assessment work that is submitted after the assessment date will NOT be marked.***

1. Clear instructions of the timing of an assessment event and the date for submission of work will be given in writing.
2. Notice of at least one week must be given for assessment events.

## **Absence:**

### **(a) Absence for reasons which are beyond the student's control (e.g. sickness or bereavement).**

A student's absence during an assessment event needs to be supported by documentation (e.g. doctor's certificate) within three school days of returning in order to be regarded as legitimate.

A student who is legitimately absent from an assessment event will be given the opportunity of assessment at the earliest convenient time for the teacher. If this is not possible within one week of the original assessment event, then it is likely that the student will have lost the opportunity for this assessment and must apply for reassessment (see Reassessment Policy). Alternatively, a teacher may be able to use existing evidence to award a grade.

### **(b) Absence because of school trips (e.g. field trips, sports or music events)**

Assignment and project work which is due during the period of absence must be submitted prior to the student being away.

Tests and in-class assessments will be treated in the same manner as for (a) above.

### **(c) "Self-interest" absence (e.g. family holidays, non-school sports or music events).**

Assignment and project work which is due during the period of absence must be submitted prior to the student being away.

Students will receive no grade for any tests or in-class assessments missed. They may apply for reassessment if it is available.

### **(d) "Willful" absence or refusal to hand in work for assessment.**

If a student has had an adequate opportunity to prepare for an assessment event but does not submit work for marking at the set time and date or is willfully absent from the assessment, then they will receive a Not Achieved result for that standard with no further opportunities for reassessment.

# **Breaches of Rules and Misconduct in Assessment**

## **[A] Authentication of a Student's Work**

*Assessments submitted by a student must be the student's own work.*

1. A student may be required to discuss his assessments with the teacher or HOD to clarify any concerns that have arisen regarding the authenticity of the work.
2. A student may be required to submit plans, drafts, worksheets or log-books used in the preparation of the final copy of an assessment or be told to retain them until work has been assessed.
3. On submission of work, a student is to acknowledge in writing all resources used and the names and status of any person quoted.
4. Just before, upon, or after submission of an assessment, a student may be asked to demonstrate his skills, knowledge and understanding of the work by discussion with the teacher or a report to the class.
5. A student (and/or his parents) may be asked to sign a declaration at the time of submission that the work is the student's own.
6. Students must not copy the assessment work of others nor provide undue assistance to other students during an assessment.

## **[B] Misconduct During an Assessment Event**

*The behaviour of a student must not hinder others in the assessment process.*

The supervisor of an assessment event has the authority to remove a student who they believe has interfered with or impeded another student during that assessment event.

## **[C] Consequences**

Where a student breaches any of the above procedures or others laid out by the School or Department, the student will be referred to the Director of Curriculum. The consequence will be no grade awarded and no further opportunity for assessment in that standard during that calendar year.

# Reassessment for the Attainment of Credit in the NCEA

## [A] Formal Reassessment

***When it is feasible, students will be given more than one opportunity to achieve in an internally assessed Achievement Standard or Unit Standard.***

1. Not all internally assessed Achievement Standards and Unit Standards are available for formal reassessment. Students will be informed verbally and via a handout at the start of the year, which standards are available for reassessment.
2. After receiving their results, students will be informed of any reassessment opportunity which might be available.
3. Any reasonable costs involved in reassessment are to be met by the student.
4. The opportunity is for reassessment, not for reteaching.
5. The reassessment event will have the same assessment criteria as the original assessment event but will differ in content.

## [B] Use of Other Evidence

***In certain situations, in particular where the further evidence required is minimal, teachers may use their professional judgement to use evidence gathered in other ways, i.e. the teacher may:***

1. Have the student provide further written evidence from the same task, for example, by developing an answer further.
2. Use evidence from work during the teaching programme, where this is valid, authentic and meets the criteria.
3. Talk to the student to elicit evidence that may not have been provided in the activity.
4. Use evidence from other assessment procedures rather than requiring the student to repeat the entire formal assessment.

# Careers Advice

It is important that students entering Years 11 and 12 have started a career plan and have begun to invest time and energy into thinking about the options available when they leave school.

Careers information is freely available to all senior students and the career's library is updated regularly. Career Quest is available on all school computers. This provides information on careers that are linked to a student's interests, skills and academic ability. It also has links to what training courses are provided for different types of jobs. The Director of Senior Students is available to talk to any student or parent by appointment. Information on scholarships and exchanges is also available.

Year 11 and 12 students will be interviewed in the middle of each year to discuss career options, course selections and goals.

Teachers can help with choices and options but the final decision must rest with each individual student. Often this is a time consuming process and will involve research, writing to organizations, visiting tertiary providers, visiting Careers Expos, discussing jobs with people in the workplace, and work experience where possible arranged by the student. This must not be left until the last term at school.

When making subject choices here are a few specific points to note:

- An English course is compulsory at Year 12. Also, for University entrance under NCEA, students need to gain 4 credits in writing and 4 credits in reading at Level 2 or above. Many tertiary courses now require students to continue with report writing and communication type skills as part of their course requirements.
- Mathematics should not be discarded lightly. It is a prerequisite for many University and Polytech courses and many careers, including the Defence Forces. Mathematics develops skills which are sought after in many areas.
- Now that Level 1 Science is taught in Year 10, Science is no longer compulsory in Year 11. However, a student who fails to study Science at Year 11 will be barred from Science courses in Year 12 and 13 and this will seriously restrict his career options.
- Physics and/or Chemistry are necessary for many science-based courses and are difficult to pick up at a tertiary institution without a school background in them.
- If you are doing a language do not drop it lightly. Competency in a second language opens many career doors and is a sought after second major in some degrees.

- Students intending to do Engineering should take Calculus, Physics and Chemistry.
- Students intending to do Architecture should consider Physics and Calculus as useful subjects, though they are no longer compulsory prerequisites.
- Students intending to major in Computer Studies should take Calculus.
- Students intending to study Commerce at University should have a good background in Mathematics. Calculus is very useful for those majoring in Economics or Money and Finance. Accounting and Economics are recommended but not essential prerequisites.
- There is no longer direct entry into Medicine. All students need to complete a Health Sciences First Year which will include study in English. Entry to second year Medicine will be based on grades combined with UMAT test results. Recommended preparatory school subjects are Biology, Physics, Chemistry, a Mathematics subject and English (or other language rich subject).
- Very good results in Year 13 subjects may mean that some University courses can be started at 200 level. Credit is not given for the 100 level course not taken. This is up to the Faculty concerned.
- Most University degrees have open entry into first year courses. However, students need to be aware that some courses, particularly at Auckland University, require more than just University Entrance to gain entry.
- Many trades are attractive career options. Industry Training Organisations recommend that students looking towards apprenticeships get as many credits as they can in English and Mathematics.
- For direct entry into a PE degree at Otago, students need to take 4 Level 3 approved subjects. Applicants are initially selected based on their Level 2 results.

# How do I qualify for University Entrance under NCEA?

A summary of what is needed:

- 42 credits at level 3 or higher.
- 14 credits in Mathematics at level 1 or higher.
- 4 credits at level 2 or higher in reading (English or Maori).
- 4 credits at level 2 or higher in writing (English or Maori).

42 Credits at level 3 or higher:

These have to be in specific subjects (approved subjects are listed at the bottom) and have to fit this breakdown:

- 14 credits from a level 3 approved subject (lets call this subject A).
- 14 credits from another level 3 approved subject (subject B).
- 14 credits from up to two other level 3 approved subjects (or subjects from other domains under the NZQF - this could be either 14 credits all from subject C OR 14 credits in total from subjects C and D).

| <b>Approved Subject list (note that not all subjects are offered at HIBS)</b> |                                  |
|---|----------------------------------|
| Accounting  | Music Studies                    |
| Agriculture and Horticulture  | Japanese                         |
| Biology   | Korean                           |
| Chemistry   | Latin                            |
| Chinese   | Mathematics with Calculus        |
| Classical Studies   | Statistics and Modelling         |
| Computing (level 3 NCC)   | Media Studies                    |
| Cook Islands Maori  | Painting (practical art)         |
| Design (practical art)  | Photography (practical art)      |
| Drama   | Physical education               |
| Economics   | Physics                          |
| English   | Printmaking (practical art)      |
| French  | Samoan                           |
| Geography   | Science                          |
| German  | Sculpture (practical art)        |
| Graphics  | Spanish                          |
| Health Education  | Social Studies                   |
| History   | Technology                       |
| History of Art  | Te Reo Maori or Te Reo Rangatira |
| Indonesian  |                                  |

## English standards fulfilling the literacy requirement for university entrance.

4 credits at Level 2 or higher are required in Reading and 4 credits in Writing at Level 2 or higher from the standards listed below.

| Standards                    |       |   | Credits | Reading | Writing |
|------------------------------|-------|---|---------|---------|---------|
| Scholarship                  |       |   |         | Y       | Y       |
| <b>Achievement Standards</b> |       |   |         |         |         |
| 3.1                          | 90720 | Produce an extended piece of writing in a selected style  | 4       |         | Y       |
| 3.2                          | 90721 | Respond critically to written text(s) studied   | 3       | Y       | Y       |
| 3.3                          | 90722 | Respond critically to Shakespearean drama studied   | 3       | Y       | Y       |
| 3.4                          | 90723 | Respond critically to oral or visual text studied   | 3       | Y       | Y       |
| 3.5                          | 90724 | Read and respond critically to unfamiliar prose and poetry texts                                    | 3       | Y       |         |
| 3.7                          | 90726 | Complete independent research on a language or literature topic and present conclusions in writing. | 4       | Y       | Y       |
| 2.1                          | 90375 | Produce crafted and developed creative writing  | 3       |         | Y       |
| 2.2                          | 90376 | Produce crafted and developed formal transactional writing  | 3       |         | Y       |
| 2.3                          | 90377 | Analyse extended written text(s)  | 3       | Y       | Y       |
| 2.4                          | 90378 | Analyse short written texts   | 3       | Y       | Y       |
| 2.5                          | 90379 | Analyse a visual or oral text   | 3       | Y       | Y       |
| 2.6                          | 90380 | Read unfamiliar texts and analyse the ideas and language features                                   | 3       | Y       |         |
| 2.8                          | 90381 | Investigate a language or literature topic and present information in written form                  | 3       | Y       | Y       |
| <b>Unit Standards</b>        |       |   |         |         |         |
|                              | 8834  | Investigate a theme across a range of selected texts and evaluate the outcomes of the investigation | 6       | Y       |         |
|                              | 8823  | Investigate a theme across an inclusive range of selected texts                                     | 4       | Y       |         |
|                              | 12420 | Read closely and evaluate the effectiveness of transactional oral texts                             | 3       | Y       |         |
|                              | 12905 | Read an inclusive variety of written texts and record the reading experience.                       | 4       | Y       |         |
|                              | 8825  | Produce sustained transactional writing in complex forms  | 5       |         | Y       |

The same credits cannot count towards both reading and writing, eg. 2.3 cannot be used as 3 credits towards reading and 3 credits towards writing. However, a student can split the credits eg. If a student achieved 2.1, 2.3 and 2.6 then they can use 2.1 (3 credits) + 1 credit from 2.3 to get 4 credits in writing and 2.6 + 1 credit from 2.3 to get 4 credits in reading (and have 1 credit left over).

## Planning a course

Students need to make sure that they:

- Are taking at least three level 3 NCEA subjects from the approved list, preferably four or five.
- Have the necessary credits already in English or are taking them this year
- Have the necessary credits in Mathematics at level 1 or above.

## Scholarship

- Scholarship is an award, not a qualification, i.e. no credits are assigned to the achievement of Scholarship.
- Scholarship is a ranking examination with the top 2-3% of the cohort receiving scholarships. The cohort is all of the Level 3 candidates in that subject.
- Content is restricted to the content of the Level 3 Achievement Standards but the skills required may not be the same. Scholarship requires synthesis, analysis and exposition.
- Scholarship results won't be released until mid-February, so it is unlikely that they will be used as an entry requirement for university courses.
- The financial rewards are:

**Single Subject Award** – A 'one-off' award of \$500 per subject for up to 2 subjects.

**Scholarship Award** – Students who get 3 Scholarship subjects receive \$2000 each year for three years as long as students maintain a 'B' grade average in tertiary study.

**Top Subject Scholar Award** – Students who are top in one of the 27 Scholarship subjects receive the same as for a Scholarship Award.

**Outstanding Scholar Award** – The top 40-60 students who get 3 Scholarship subjects with at least 2 at Outstanding level or more than 3 Scholarships with at least 1 at Outstanding level receive \$5000 each year for 3 years as long as students maintain a 'B' grade average in tertiary study.

**Premier Award** – The top 5-10 students who get 4 or more results at Scholarship or Outstanding level, including at least 3 at Outstanding level receive \$10,000 each year for 3 years as long as they maintain at least a 'B' grade average in tertiary studies.

## Discretionary Entrance

Previously some students were able to gain entrance to University straight from Year 12, based on their Sixth Form Certificate grades. This was called Provisional Entrance and it has now been replaced by Discretionary Entrance. Discretionary entrance is solely at the discretion of the University concerned and acceptance may vary slightly from University to University. A general guideline is to have 80 credits at level 2 including at least 14 credits in each of three subjects from the approved list with a grade point average of 60 in each of those subjects. Students must also have met the University entrance standards for numeracy and literacy and be able to show strong supporting evidence of their likelihood of succeeding at University level.

# Level 1 NCEA Course Index

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# Accounting - Level 1 NCEA

**Minimum Entry Standard:** None, though Year 10 Business Studies does provide an introduction.

**Course Content:**

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Demonstrate an understanding of the conceptual basis of accounting.                       | 1.1<br>AS90022      | 3                 | External        |
| Describe a method of processing financial information and analyse transactions.           | 1.2<br>AS90023      | 3                 | External        |
| Process financial information for a sole proprietor.                                      | 1.3<br>AS90024      | 4                 | Internal        |
| Demonstrate an understanding of accounting systems for entities.                          | 1.4<br>AS90025      | 3                 | Internal        |
| Prepare financial statements for sole proprietors.  | 1.5<br>AS90026      | 4                 | External        |
| Report financial information for an individual or household, and community organisations. | 1.6<br>AS90027      | 3                 | External        |
| Analyse and interpret financial information for a sole proprietor(s).                     | 1.7<br>AS90028      | 4                 | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

**Progression on to Level 2 NCEA:**

In order to study Accounting at Level 2 it will be necessary to have achieved 18 credits in Level 1 Accounting.

# Design Technology - Level 1 NCEA

**Note:** This course is structured around Technology Achievement Standards and industry based Unit Standards.

**Minimum Entry Standard:** Satisfactory level of achievement at Year 10 Design Technology.

## Course Content:

| Achievement Standards and/or Unit Standards   | A.S or U.S. Number | Number of Credits | Assessment Mode |
|---|--------------------|-------------------|-----------------|
| Develop an outcome through technological practice to address a given brief.                             | 1.1<br>AS90045     | 6                 | Internal        |
| Formulate a brief to address a given issue.   | 1.2<br>AS90046     | 6                 | Internal        |
| Demonstrate understanding of technological knowledge.   | 1.5<br>AS90049     | 4                 | External        |
| Present an outcome developed through technological practice that addresses the requirements of a brief. | 1.6<br>AS90050     | 4                 | Internal        |
| Select and use materials to make products or prototypes.  | US7522             | 4                 | Internal        |
| Use cutting, shaping, assembly, and finishing processes in materials technology.                        | US7524             | 4                 | Internal        |
| <b>TOTAL CREDITS</b>  |                    | <b>28</b>         |                 |

## Progression on to Level 2 NCEA:

Entry to the Level 2 course is at the discretion of the HOD Design Technology and Graphics.

# Drama - Level 1 NCEA

**Minimum Entry Standard:** Ability to perform in front of an audience.

**Course Content:**

| Achievement Standards and/or Unit Standards                   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Drama techniques<br>( <i>Animated Images</i> ).               | 1.1<br>AS90006      | 4                 | Internal        |
| Drama elements and conventions<br>( <i>Shared Stories</i> ).  | 1.2<br>AS90007      | 4                 | Internal        |
| Theatre study<br>( <i>Melodrama</i> ).                        | 1.3<br>AS90008      | 3                 | Internal        |
| Production role (acting role)<br>( <i>Mask Performance</i> ). | 1.4<br>AS90009      | 4                 | Internal        |
| Production role (technical)<br>( <i>Mask Making</i> ).        | 1.5<br>AS90010      | 4                 | Internal        |
| Review and evaluation of performance.                         | 1.6<br>AS90011      | 5                 | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

**Progression on to Level 2 NCEA:**

In order to study Drama at Level 2 it will be necessary to have achieved 16 credits in Level 1 including at least **achievement** in Achievement Standards 1.3, 1.4 and 1.6.

# Economics - Level 1 NCEA

**Minimum Entry Standard:** None, though Year 10 Business Studies does provide an introduction.

**Course Content:**

| Achievement Standards and/or Unit Standards                 | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Describe concepts related to consumer choice and demand.    | 1.1<br>AS90195      | 4                 | External        |
| Describe producers, production and resources and their use. | 1.2<br>AS90196      | 5                 | External        |
| Describe the concept of supply.                             | 1.3<br>AS90197      | 3                 | External        |
| Describe the market.  | 1.4<br>AS90198      | 5                 | External        |
| Describe relationships between sectors of the economy.      | 1.5<br>AS90199      | 2                 | External        |
| Understand and use the consumer decision-making model.      | 1.6<br>AS90200      | 2                 | Internal        |
| Carry out an economic investigation.                        | 1.7<br>AS90201      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

**Progression on to Level 2 NCEA:**

In order to study Economics at Level 2 it will be necessary to have achieved 18 credits in Level 1 Economics or by negotiation with HOD Commerce.

Some students who have not studied Economics at Level 1 but have achieved highly in other subjects and have a proven work ethic may apply to enter Level 2 Economics. Entry at HOD's discretion.

# English - Level 1 NCEA

**Minimum Entry Standard:** Year 10 English.

**Course Content:**

| Achievement Standards and/or Unit Standards                  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Produce Creative Writing.                                    | 1.1<br>AS90052      | 3                 | Internal        |
| Produce transactional written text in simple forms.          | US8812              | 4                 | Internal        |
| Read, study and understand extended written text.            | 1.3<br>AS90054      | 2                 | External        |
| Read, study and understand short written texts.              | 1.4<br>AS90055      | 2                 | External        |
| View, listen to, study and understand a visual or oral text. | 1.5<br>AS90056      | 2                 | External        |
| Read and understand unfamiliar texts.                        | 1.6<br>AS90057      | 3                 | External        |
| Deliver a speech in a formal situation.                      | 1.7<br>AS90058      | 3                 | Internal        |
| Produce a media or dramatic presentation.                    | 1.8<br>AS90059      | 3                 | Internal        |
| Wider reading.   | US8808              | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>25</b>         |                 |

## **Progression to Level 2 NCEA:**

In order to study English at Level 2 it will be necessary to have achieved 16 credits at Level 1 English, including **achievement** in 1.6, 1.1 and/or 8812, and at least two of 1.3, 1.4, 1.5. Other entries will be at HOD's discretion.

# French - Level 1 NCEA

**Minimum Entry Standard:** Two years of study in French.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>    | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|---|----------------------------|--------------------------|------------------------|
| Listening comprehension.                              | 1.1<br>AS90084             | 6                        | External               |
| Prepared speech in French.                            | 1.2<br>AS90085             | 3                        | Internal               |
| Conversation in French.                               | 1.3<br>AS90086             | 3                        | Internal               |
| Reading comprehension.                                | 1.4<br>AS90087             | 6                        | External               |
| Writing in French.                                    | 1.5<br>AS90088             | 3                        | External               |
| Writing in French with access to reference materials. | 1.6<br>AS90089             | 3                        | Internal               |
| <b>TOTAL CREDITS</b>                                  |                            | <b>24</b>                |                        |

**Progression on to Level 2 NCEA:**

In order to study French at Level 2 it will be necessary to have achieved 18 credits in Level 1 French, or in consultation with the HOD Languages and the class teacher.

# Geography - Level 1 NCEA

**Minimum Entry Standard:** None.

**Course Content:**

| Achievement Standards and/or Unit Standards                              | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Describe an extreme natural event and the human response.                | 1.1<br>AS90202      | 3                 | External        |
| Describe population patterns, processes and issues.                      | 1.2<br>AS90203      | 3                 | External        |
| Describe and explain resource use in a farming or mining context.        | 1.3<br>AS90204      | 3                 | External        |
| Apply skills and ideas with direction in a geographic context.           | 1.4<br>AS90205      | 4                 | External        |
| Carry out and present directed geographic research.                      | 1.5<br>AS90206      | 5                 | Internal        |
| Describe a contemporary geographic issue and evaluate courses of action. | 1.6<br>AS90207      | 3                 | Internal        |
| Describe a global geographic topic.                                      | 1.7<br>AS90208      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

**Progression on to Level 2 NCEA:**

In order to study Geography at Level 2 it will be necessary to have achieved 18 credits in Level 1 Geography including Achievement in Achievement Standard 1.4. 15 credits in Level 1 English is also required. Entry can also be achieved through discussion with HOD.

# Graphics - Level 1 NCEA

**Minimum Entry Standard:** A satisfactory level of achievement in Year 10 Graphics.

**Course Content:**

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Produce freehand sketches that communicate own design ideas.  | 1.1<br>AS90037      | 3                 | External        |
| Construct and use geometric shapes and solids to communicate design ideas.                              | 1.2<br>AS90038      | 2                 | External        |
| Produce instrumental multi view working drawings to communicate own design ideas.                       | 1.3<br>AS90039      | 3                 | External        |
| Produce pictorial drawings using instruments and render these drawings to communicate own design ideas. | 1.4<br>AS90040      | 4                 | External        |
| Produce a mock-up and model.  | 1.5<br>AS90041      | 4                 | Internal        |
| Apply a design process and design principles to identified needs and opportunities.                     | 1.6<br>AS90042      | 5                 | Internal        |
| Present design ideas that show design features and functions.   | 1.8<br>AS90044      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

**Progression on to Level 2 NCEA:**

In order to study Graphics at Level 2 it will be necessary to have achieved 18 credits in Level 1 Graphics or at the discretion of the HOD Graphics Design Technology.

# History - Level 1 NCEA

**Minimum Entry Standard:** A satisfactory level of achievement in Year 10 Social Studies.

**Course Content:**

| Achievement Standards and/or Unit Standards                                     | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Carry out an historical investigation.  | 1.1<br>AS90209      | 4                 | Internal        |
| Communicate historical ideas.   | 1.2<br>AS90210      | 4                 | Internal        |
| Interpret historical sources.   | 1.3<br>AS90211      | 4                 | External        |
| Examine the perspectives of people in an historical setting.                    | 1.4<br>AS90212      | 4                 | External        |
| Describe an historical development, in an essay.                                | 1.5<br>AS90213      | 4                 | External        |
| Describe experiences that led to the shaping of the identity of New Zealanders. | 1.6<br>AS90214      | 4                 | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

**Progression on to Level 2 NCEA:**

All students will be considered for History at Level 2. However, a background in English and an interest in the topics to be studied would be of benefit.

# Japanese - Level 1 NCEA

**Minimum Entry Standard:** Two years of study in Japanese.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>      | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|---|----------------------------|--------------------------|------------------------|
| Listening Comprehension.                                | 1.1<br>AS90102             | 6                        | External               |
| Prepared speech in Japanese.                            | 1.2<br>AS90103             | 3                        | Internal               |
| Conversation in Japanese.                               | 1.3<br>AS90104             | 3                        | Internal               |
| Reading comprehension.                                  | 1.4<br>AS90105             | 6                        | External               |
| Writing in Japanese.                                    | 1.5<br>AS90106             | 3                        | External               |
| Writing in Japanese with access to reference materials. | 1.6<br>AS90107             | 3                        | Internal               |
| <b>TOTAL CREDITS</b>                                    |                            | <b>24</b>                |                        |

**Progression on to Level 2 NCEA:**

In order to study Japanese at Level 2 it will be necessary to have achieved 18 credits in Level 1 Japanese, or in consultation with the HOD Languages and the class teacher.

# Mathematics - Level 1 NCEA

**Minimum Entry Standard:** A satisfactory level of achievement in Year 10 Mathematics.

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Use straightforward algebraic methods and solve equations.                             | 1.1<br>AS90147      | 4                 | External        |
| Sketch and interpret graphs.   | 1.2<br>AS90148      | 3                 | External        |
| Use statistical methods and information.   | 1.5<br>AS90193      | 3                 | Internal        |
| Select a sample and use this to make an inference about the population.                | 2.5<br>AS90288      | 3(L2)             | Internal        |
| Determine probabilities.   | 1.6<br>AS90194      | 2                 | External        |
| Solve straightforward number problems in context.                                      | 1.7<br>AS90151      | 3                 | External        |
| Solve right-angled triangle problems.  | 1.8<br>AS90152      | 2                 | External        |
| Choose and apply trigonometric methods to solve problems involving lengths and angles. | US5251              | 3(L2)             | Internal        |
| Use geometric reasoning to solve problems.   | 1.9<br>AS90153      | 2                 | External        |
| <b>TOTAL CREDITS</b>   |                     | <b>25</b>         |                 |

## Progression on to Level 2 NCEA:

In order to study Mathematics at Level 2 it will be necessary to have achieved 18 credits in Level 1 Mathematics including **at least Achievement** in both Achievements Standards 1.1 and 1.2 and achievement in one or more of Achievement Standards 2.5, 1.8 and 1.9.

There is another course are offered at Level 2. Year 12 Mathematics with Statistics course which allows entry to the Year 13 Level 3 Mathematics with Statistics course.

# Mathematics Applied – Level 1 NCEA

**Minimum Entry Standard:** To have completed a course of study in Year 10 Mathematics.

**Course Content:**

Standards offered may vary in order to meet individual student needs.

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Use decimals and percentages to solve problems.                                     | US5224              | 2                 | Internal        |
| Use fractions, ratio and proportion to solve problems.                              | US5225              | 2                 | Internal        |
| Solve problems involving money.   | US5227              | 3                 | Internal        |
| Use calculations in money situations  | US5234              | 3                 | Internal        |
| Use strategies to solve number problems.  | US5235              | 2                 | Internal        |
| Read and interpret information presented in tables and graphs.                      | US8491              | 2                 | Internal        |
| Use Pythagoras' Theorem and trigonometry to find unknown in right-angled triangles. | US5236              | 2                 | Internal        |
| Determine probabilities   | US5242              | 2                 | Internal        |
| Demonstrate basic algebraic skills  | US20659             | 2                 | Internal        |
| Use formulae and equations to solve problems.                                       | US5223              | 2                 | Internal        |
| Describe patterns and solve problems and equations                                  | US5239              | 3                 | Internal        |
| Draw and describe graphs involving two variables                                    | US5238              | 4                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>29</b>         |                 |

Students who complete this course go on to Year 12 Maths with Statistics course and must gain 14 credits at Level 1 Maths to gain entry.

# Music - Level 1 NCEA

## Minimum Entry Standard:

1. Instrumental Music Tuition for at least 2 years.
2. A satisfactory level of achievement in Year 10 music. (If the student has not studied music at that level, course entry will be at the discretion of the HOD Music).

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Perform contrasting music as a soloist.  | 1.1<br>AS90012      | 6                 | Internal        |
| Perform music as a member of a group.  | 1.2<br>AS90013      | 3                 | Internal        |
| Compose music to meet specified requirements.  | 1.3<br>AS90014      | 6                 | Internal        |
| Demonstrate knowledge of music works.  | 1.6<br>AS90017      | 4                 | Internal        |
| Aurally identify, describe and transcribe music elements from simple music.                      | 1.4<br>AS90015      | 3                 | External        |
| Identify, describe and explain fundamental materials of music.                                   | 1.5<br>AS90016      | 2                 | External        |
| Demonstrate music performance skills by two pieces of contrasting style on a second instrument.* | US10654             | 8                 | Internal        |
| <b>Technology</b> - Present technological solution (Audio book).                                 | 1.6<br>AS90050      | 4                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>36</b>         |                 |

## Music Technology

Credits in Music Technology unit standards may be offered to interested students. This will involve work in the recording studio and in live recording situations. These credits may be done in addition to the NCEA course work, or a student may substitute these for existing NCEA credits, on the advice of the HOD.

## Progression on to Level 2 NCEA:

In order to study Music at Level 2 it will be necessary to have achieved 18 credits in Level 1 Music or gain entry at the discretion of the HOD Music.

*\*Only offered to students already learning a second instrument.*

# Physical Education - Level 1 NCEA

**Minimum Entry Standard:** None.

**Course Content:**

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Participate in physical activities and describe how this influences hauora/well being.             | 1.1<br>AS90067      | 5                 | Internal        |
| Demonstrate knowledge of body structure and function related to performance of physical activity.  | 1.2<br>AS90068      | 5                 | Internal        |
| Demonstrate quality movement in the performance of a physical activity.                            | 1.3<br>AS90069      | 3                 | Internal        |
| Explore how the body is portrayed in physical activity.  | 1.4<br>AS90070      | 4                 | Internal        |
| Demonstrate interpersonal skills and describe their effects on the functioning of a group or team. | 1.5<br>AS90071      | 4                 | Internal        |
| Examine the quality of movement in own performance of a physical activity.                         | 1.6<br>AS90525      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

**Progression on to Level 2 NCEA:**

In order to study Physical Education at Level 2 it will be necessary to have achieved at least 15 credits in Level 1 PE. Entry to the course can also be achieved at the discretion of HOD Physical Education.

# Science - Level 1 NCEA (Standard Course)

**Minimum Entry Standard:** Year 10 Science.

**Course Content:**

| Achievement Standards and/or Unit Standards                                | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Carry out a practical science investigation with direction.                | 1.1<br>AS90186      | 4                 | Internal        |
| Process information to describe a use of science knowledge with direction. | 1.2<br>AS90187      | 2                 | Internal        |
| Describe aspects of biology.   | 1.3<br>AS90188      | 5                 | External        |
| Describe aspects of chemistry.   | 1.4<br>AS90189      | 5                 | External        |
| Describe aspects of physics.   | 1.6<br>AS90191      | 5                 | External        |
| Describe aspects of astronomy.   | 1.7<br>AS90192      | 2                 | External        |
| <b>TOTAL CREDITS</b>   |                     | <b>23</b>         |                 |

**Some Unit Standards may also be offered.**

### **Progression on to Level 2 NCEA:**

In order to study **BIOLOGY** at Level 2 it will be necessary to have achieved 18 credits in the Science Level 1 Standard Course including *merit* in the Biology Achievement Standard.

In order to study **CHEMISTRY** at Level 2 it will be necessary to have achieved 18 credits in the Science Level 1 Standard Course including *merit* in the Chemistry Achievement Standard.

In order to study **PHYSICS** at Level 2 it will be necessary to have achieved 18 credits in the Science Level 1 Standard Course including *merit* in the Physics Achievement Standard.

Progression to Level 2 may also be achieved in consultation with the HOD Science.

In order to study **CHEMISTRY** or **PHYSICS** at Level 2 a student will also need to be studying the Level 2 Mathematics course.

# Science - Level 1 NCEA (Advanced Course)

**Minimum Entry Standard:** 15 credits in the Science Level 1 NCEA (Standard Course).

**Course Content:**

| Achievement Standards and/or Unit Standards                                   | A.S. or U.S. Number   | Number of Credits | Assessment Mode |
|---|-----------------------|-------------------|-----------------|
| Describe functioning of human circulatory, respiratory and excretory systems. | Human Bio 1.6 AS90178 | 6                 | External        |
| Describe chemical reactions.  | Chem 1.3 AS90171      | 4                 | External        |
| Describe characteristic properties and reactions of metals, acids and bases.  | Chem 1.4 AS90640      | 4                 | External        |
| Demonstrate understanding of wave and light behaviour.                        | Phys 1.3 AS90182      | 5                 | External        |
| Demonstrate understanding of electricity and magnetism.                       | Phys 1.6 AS90185      | 5                 | External        |
| <b>TOTAL CREDITS</b>  |                       | <b>24</b>         |                 |

**Progression on to Level 2 NCEA:**

In order to study **BIOLOGY** at Level 2 it will be necessary to have achieved 18 credits in the Science Level 1 Advanced Course including **achievement** in the Biology Achievement Standard.

In order to study **CHEMISTRY** at Level 2 it will be necessary to have achieved 18 credits in the Science Level 1 Advanced Course including **achievement** in the two Chemistry Achievement Standards.

In order to study **PHYSICS** at Level 2 it will be necessary to have achieved 18 credits in the Science Level 1 Advanced Course including **achievement** in the two Physics Achievement Standards.

In order to study **CHEMISTRY** or **PHYSICS** at Level 2 a student will also need to be studying the Level 2 Mathematics course.

# Spanish - Level 1 NCEA

**Minimum Entry Standard:** Two years of study in Spanish.

**Course Content:**

| Achievement Standards and/or Unit Standards            | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Listening Comprehension.                               | 1.1<br>AS90125      | 6                 | External        |
| Prepared Speech in Spanish.                            | 1.2<br>AS90126      | 3                 | Internal        |
| Conversation in Spanish.                               | 1.3<br>AS90127      | 3                 | Internal        |
| Reading comprehension.                                 | 1.4<br>AS90128      | 6                 | External        |
| Writing in Spanish.                                    | 1.5<br>AS90129      | 3                 | External        |
| Writing in Spanish with access to reference materials. | 1.6<br>AS90130      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>                                   |                     | <b>24</b>         |                 |

## Progression on to Level 2 NCEA

In order to study Spanish at Level 2 it will be necessary to have achieved 18 credits in Level 1 Spanish, or in consultation with the HOD Languages and the class teacher.

# Visual Arts - Level 1 NCEA

**Minimum Entry Standard:** A satisfactory work ethic. Previous study at Year 10 in either Graphics or Visual Art preferable.

**Course Content:**

| Achievement Standards and/or Unit Standards               | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Use drawing processes and procedures.                     | 1.2<br>AS90019      | 5                 | Internal        |
| Generate and develop ideas in making artworks.            | 1.3<br>AS90020      | 12                | External        |
| Extend ideas in media and techniques to produce new work. | 1.4<br>AS90021      | 4                 | Internal        |
| <b>TOTAL CREDITS</b>                                      |                     | <b>21</b>         |                 |

**Progression on to Level 2 NCEA:**

In order to study Visual Arts at Level 2 it will be necessary to have achieved 17 credits in Level 1 Visual Art.

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# Accounting - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 NCEA Accounting, or upon negotiation with HOD Commerce.

**Course Content:**

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Describe the conceptual basis of accounting for a sole proprietor.                  | 2.1<br>AS90220      | 3                 | External        |
| Investigate and report on accounting subsystems.                                    | 2.3<br>AS90222      | 4                 | Internal        |
| Demonstrate an understanding of accounting processes for subsystems.                | 2.4<br>AS90223      | 5                 | External        |
| Prepare financial statements and related accounting entries for sole proprietors.   | 2.5<br>AS90224      | 5                 | External        |
| Analyse and interpret information and make recommendation(s) for a sole proprietor. | 2.6<br>AS90225      | 4                 | External        |
| Use computer software to process financial transactions for a sole proprietor.      | 2.7<br>AS90226      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

**Progression to Level 3 NCEA:**

In order to study Accounting at Level 3 it will be necessary to have achieved 18 credits in Level 2 Accounting. Students who achieved highly in Level 1 NCEA Accounting but did not complete Level 2 may apply to the HOD for entry.

# Aviation - Private Pilot's Licence

## Yrs 12-13

“Aviation: Private Pilot’s Licence” is a full school subject that allows students to actively pursue the practical and theoretical training necessary to become a private pilot. This is a one-year course with entry at year 12 or 13.

**Minimum Entry Standard:**

Sufficient good health for the issue of a Class 2 Aviation Medical Certificate.

**Course Content:** Flight training is undertaken with Associated Aviation at Paraparaumu Airport.

**Assessment:** Six Aviation Services Limited (ASL) multi-choice theory exams (Pass mark 70%), three practical assessments and a flight test.

| Unit Standards                                  | U.S. Number | Number of Credits | Assessment Mode |
|---|-------------|-------------------|-----------------|
| Meteorology                                     | US23428     | 5                 | External        |
| Flight Radio Telephony                          | US23424     | 3                 | External        |
| Human Factors                                   | US23425     | 5                 | External        |
| Air Law   | US23427     | 5                 | External        |
| Aircraft Technical Knowledge                    | US23431     | 10                | External        |
| Navigation                                      | US23426     | 5                 | External        |
| Demonstrate flying skills for first solo flight | US23433     | 4                 | Practical       |
| Demonstrate instrument flying skills for PPL    | US23434     | 2                 | Practical       |
| Demonstrate flying skills for PPL               | US23429     | 6                 | Flight Test     |
| Demonstrate cross-country navigation skills     | US23435     | 3                 | Practical       |
| <b>TOTAL CREDITS</b>                            |             | <b>48</b>         |                 |

# Aviation - National Certificate (Level 2) Yrs 11-12

The “National Certificate in Aviation” is a full school subject that allows students to actively pursue the practical and theoretical training necessary to become a private pilot. This is a two-year course with entry at year 11 or 12.

**Minimum Entry Standard:**

Sufficient good health for the issue of a Class 2 Aviation Medical Certificate.

**Course Content:** Flight training is undertaken with Associated Aviation at Paraparaumu Airport.

**Assessment:** Six Aviation Services Limited (ASL) multi-choice theory exams (Pass mark 70%), Internal unit standards assessments, three practical assessments and a flight test.

| Unit Standards                                  | U.S. Number | Number of Credits | Assessment Mode |
|---|-------------|-------------------|-----------------|
| Meteorology                                     | US23428     | 5                 | External        |
| Flight Radio Telephony                          | US23424     | 3                 | External        |
| Human Factors                                   | US23425     | 5                 | External        |
| Air Law   | US23427     | 5                 | External        |
| Aircraft Technical Knowledge                    | US23431     | 10                | External        |
| Navigation                                      | US23426     | 5                 | External        |
| NZ Aviation Industry Law                        | US16818     | 1                 | Internal        |
| History of Aviation                             | US19585     | 5                 | Internal        |
| NZ Aviation Support Structures                  | US19586     | 3                 | Internal        |
| NZ Civil Aviation Industry                      | US19587     | 2                 | Internal        |
| Principles of Flight                            | US20677     | 3                 | Internal        |
| Aviation Career Paths                           | US20676     | 3                 | Internal        |
| Demonstrate flying skills for first solo flight | US23433     | 4                 | Practical       |
| Demonstrate instrument flying skills for PPL    | US23434     | 2                 | Practical       |
| Demonstrate flying skills for PPL               | US23429     | 6                 | Flight Test     |
| Demonstrate cross-country navigation skills     | US23435     | 3                 | Practical       |
| <b>TOTAL CREDITS</b>                            |             | <b>65</b>         |                 |

# Biology - Level 2 NCEA

**Minimum Entry Standard:** 15 credits in Level 1 Advanced Science including achievement in Human Biology 1.6.

## Course Content:

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Carry out a practical biological investigation with supervision.                      | 2.1<br>AS90457      | 3                 | Internal        |
| Describe genetic variation and change.  | 2.3<br>AS90459      | 3                 | External        |
| Investigate an interrelationship or pattern in an ecological population or community. | 2.4<br>AS90460      | 3                 | Internal        |
| Describe concepts and processes relating to ecology.                                  | 2.5<br>AS90461      | 3                 | External        |
| Describe diversity in the structure and function of animals.                          | 2.6<br>AS90462      | 3                 | External        |
| Describe diversity in the structure and function of plants.                           | 2.7<br>AS90463      | 3                 | External        |
| Describe cell structure and function.   | 2.8<br>AS90464      | 3                 | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>21</b>         |                 |

## Progression to Level 3 NCEA:

In order to study Biology at Level 3 it will be necessary to have achieved 15 credits in Level 2 or in consultation with the HOD Science and TIC Biology.

## Business and Law - Level 2 NCEA

**Minimum Entry Standard:** 48 credits in Level 1 NCEA including a minimum of 12 credits in English.

**Course Content:** This course provides a knowledge of the legal environment within New Zealand and the practical knowledge of how to operate a simple business enterprise on an ongoing basis. Previous knowledge of either economics or accounting is beneficial but not essential to take part in this course.

| Achievement Standards and/or Unit Standards    | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Law and Society.                               | US8543              | 2                 | Internal        |
| The Law Making Process.                        | US8544              | 3                 | Internal        |
| The Judicial System.                           | US8546              | 3                 | Internal        |
| Contract Law.                                  | US8554              | 2                 | Internal        |
| Consumer Law.                                  | US8555              | 3                 | Internal        |
| Demonstrate and apply knowledge of marketing.  | US22850             | 2                 | Internal        |
| Plan an ongoing business activity.             | US22855             | 3                 | Internal        |
| Carry out a planned ongoing business activity. | US22856             | 5                 | Internal        |
| <b>TOTAL CREDITS</b>                           |                     | <b>23</b>         |                 |

Progression on to Level 3 NCEA: This course leads to Level 3 Business Studies but is not a prerequisite.

# Chemistry - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 Advanced Science including at least **Achievement** in the Chemistry Achievement Standard. The Level 2 Mathematics course must be taken in conjunction with this course.

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Carry out qualitative analysis.  | 2.1<br>AS90305      | 3                 | Internal        |
| Carry out an acid-base volumetric analysis.  | 2.2<br>AS90306      | 3                 | Internal        |
| Solve simple quantitative chemical problems.   | 2.3<br>AS90763      | 2                 | Internal        |
| Describe the nature of structure and bonding in different substances.                                      | 2.4<br>AS90308      | 4                 | External        |
| Describe the structural formulae and reactions of compounds containing selected organic functional groups. | 2.5<br>AS90309      | 4                 | External        |
| Describe thermochemical and equilibrium principles.  | 2.6<br>AS90310      | 5                 | External        |
| Describe oxidation-reduction reactions.  | 2.7<br>AS90311      | 3                 | External        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

## Progression to Level 3 NCEA:

In order to study Chemistry at Level 3 it will be necessary to have achieved 18 credits in Level 2 including Achievement Standard 2.2 or in consultation with the HOD Science and TIC Chemistry.

# Classical Studies - Level 2 NCEA

**Minimum Entry Standard:** A satisfactory level of achievement in Level 1 NCEA subjects.

**Course Content:**

| Achievement Standards and/or Unit Standards                          | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Examine a passage from work of classical literature in translation.  | 2.1<br>AS90247      | 5                 | External        |
| Examine a work of classical art and/or architecture.                 | 2.2<br>AS90248      | 5                 | External        |
| Examine in essay format an aspect of the classical world.            | 2.3<br>AS90249      | 5                 | External        |
| Complete an independent examination of an area of classical studies. | 2.4<br>AS90250      | 5                 | Internal        |
| Communicate knowledge of an aspect of the classical world.           | 2.5<br>AS90251      | 4                 | Internal        |
| Explain and examine aspects of Greek mythology including the Gods.   | US7595              | 4                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>28</b>         |                 |

**Progression to Level 3 NCEA:**

In order to study Classical Studies at Level 3 it will be necessary to have achieved 14 credits in Level 2 Classical Studies including at least **Achievement** in two out of 2.1, 2.2 and 2.3 and one out of 2.4 or 2.5. Entry can also be achieved at HOD/TIC discretion.

# Computing NCC - Level 2 NCEA

**Minimum Entry Standard:** A satisfactory work ethic.

**Course Content:** While the Unit Standards listed below represent the core of the Level 2 NCC course, other units covering areas of special interest are also included.

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Manage and protect data in a personal computer system.   | US2781              | 3                 | Internal        |
| Operate and maintain a personal computer system.   | US2780              | 9                 | Internal        |
| Create and use a simple computer flatfile database to solve a problem.                         | US2786              | 3                 | Internal        |
| Produce a simple desktop published document to meet a set brief.                               | US2788              | 3                 | Internal        |
| Describe and operate computer peripherals.   | US2790              | 3                 | Internal        |
| Integrate spreadsheet and database data into a word processed document to solve a problem.     | US2791              | 3                 | Internal        |
| Demonstrate knowledge of the application and impact of computer technology in an organisation. | US2798              | 3                 | Internal        |
| Produce computer graphics using base functions.  | US5939              | 3                 | Internal        |
| Use computer technology to present a computing topic.  | US5946              | 3                 | Internal        |
| Create individual web pages as the basis of a website.   | US15167             | 2                 | Internal        |
| Enhance pages on a website.  | US15168             | 4                 | Internal        |
| Create a simple computer programme.  | US18740             | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>42</b>         |                 |

## Progression to Level 3 NCEA:

In order to study NCC Computing at Level 3 it will be necessary to have achieved 20 credits in Level 2.

# Design Technology - Level 2 NCEA

**Note:** This course is structured around Technology Achievement Standards and industry based Unit Standards.

**Minimum Entry Standard:** 15 credits in Level 1 Technology.

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Develop and model a conceptual design in materials technology.                             | 2.1<br>AS90343      | 6                 | Internal        |
| Develop and implement a one-off solution in materials technology.                          | 2.2<br>AS90350      | 6                 | Internal        |
| Examine technological knowledge in materials technology practice.                          | 2.6<br>AS90371      | 4                 | External        |
| Demonstrate skills in Materials Technology.  | 2.7<br>AS90372      | 4                 | Internal        |
| Identify and obtain materials for manufacturing, and develop a sequence for manufacturing. | US7540              | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>23</b>         |                 |

## Progression to Level 3 NCEA

Entry to the Level 3 course is at the discretion of the HOD Design Technology and Graphics.

# Drama - Level 2 NCEA

**Minimum Entry Standard:** 16 credits in Level 1 NCEA Drama or in consultation with the TIC Drama.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>   | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|--|----------------------------|--------------------------|------------------------|
| Apply drama techniques in a group within a scripted context.                                   | 2.2<br>AS90300             | 2                        | Internal               |
| Use elements and conventions to structure, record and perform devised drama.                   | 2.3<br>AS90301             | 4                        | Internal               |
| Apply knowledge of a drama/theatre form or period through performing a role in a presentation. | 2.4<br>AS90302             | 5                        | Internal               |
| Perform a substantial acting, technical or production role.                                    | 2.5<br>AS90303             | 5                        | Internal               |
| Develop a set design concept and model for stage production.                                   | US14954                    | 6                        | Internal               |
| <b>TOTAL CREDITS</b>   |                            | <b>22</b>                |                        |

# Economics - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 NCEA Economics or in consultation with the HOD Commerce. Some students who have not studied Economics at Level 1 but have achieved highly in other subjects and have a proven work ethic may apply to enter Level 2 Economics. Entry at HOD's discretion.

## Course Content:

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Describe inflation and its causes and effects using economic models.                | 2.1<br>AS90764      | 4                 | External        |
| Describe international trade and its causes and effects using economic models.      | 2.2<br>AS90795      | 4                 | External        |
| Describe economic growth and its causes and effects using economic models.          | 2.3<br>AS90796      | 4                 | External        |
| Process, present and analyse statistical data in relation to given economic issues. | 2.4<br>AS90797      | 6                 | Internal        |
| Describe government policies in relation to economic issues.                        | 2.5<br>AS90798      | 6                 | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

## Progression to Level 3 NCEA:

In order to study Economics at Level 3 it will be necessary to have achieved 18 credits in Level 2.

# Electronics - Level 2 NCET

## National Certificate in Electronics Technology

**Minimum Entry Standard:** Science 1.6 or Physics 1.6 or at the discretion of the HOD Science.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>                                       | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|--|----------------------------|--------------------------|------------------------|
| Demonstrate introductory knowledge of circuit concepts and measurements for electronics. | US18239                    | 5                        | Internal               |
| Demonstrate knowledge of basic electronic components.                                    | US18240                    | 5                        | Internal               |
| Demonstrate knowledge of basic electronic systems.                                       | US18241                    | 5                        | Internal               |
| Construct a simple printed circuit.  | US18242                    | 3                        | Internal               |
| Construct simple electronic products from supplied circuit schematics.                   | US18243                    | 6                        | Internal               |
| <b>TOTAL CREDITS</b>   |                            | <b>24</b>                |                        |

**Progression to Level 3 NCET:**

In order to study Electronics at Level 3 it will be necessary to have achieved at least 18 credits in Level 2 including Unit Standards 18239, 18240 and 18241 or in consultation with the HOD Science and TIC Electronics.

# English - Level 2 NCEA

**Minimum Entry Standard:** 16 credits in Level 1 English including at least achievement in standards 1.6, 1.1 and/or 1.2, and 2 of 1.3, 1.4, 1.5, or at HOD's discretion.

## Course Content:

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Produce crafted and developed creative writing.                                     | 2.1<br>AS90375      | 3                 | Internal        |
| Produce crafted and developed formal transactional writing.                         | 2.2<br>AS90376      | 3                 | Internal        |
| Read and analyse extended written text(s).  | 2.3<br>AS90377      | 3                 | External        |
| Read and analyse short written texts.   | 2.4<br>AS90378      | 3                 | External        |
| View/listen to, study and analyse a visual or oral text.                            | 2.5<br>AS90379      | 3                 | External        |
| Read unfamiliar texts and analyse the ideas and language features.                  | 2.6<br>AS90380      | 3                 | External        |
| Deliver a presentation using oral and visual language techniques.                   | 2.7<br>AS90374      | 3                 | Internal        |
| Investigate a language or literature topic and present information in written form. | 2.8<br>AS90381      | 3                 | Internal        |
| Wider reading.  | US12905             | 4                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>28</b>         |                 |

## Progression to Level 3 NCEA:

In order to study English at Level 3 it will be necessary to have achieved 16 credits in Level 2, including at least **achievement** in Achievement Standards 2.6, 2.1 and/or 2.2, and two of 2.3, 2.4 and 2.5.

A bridging course, covering Achievement and Unit Standards that meet the University literacy requirements may be available for students.

# English - Level 1/2 Bridging Course

**Minimum Entry Standard:** Entry is through consultation with the HOD English.

**Course Content:** The content will vary depending on the results already achieved by the students.

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number           | Number of Credits | Assessment Mode      |
|---|-------------------------------|-------------------|----------------------|
| Produce creative writing OR produce crafted and developed creative writing.           | 1.1/AS90052<br>or 2.1/AS90375 | 3 (L1)<br>3 (L2)  | Internal<br>Internal |
| Produce formal writing OR produce crafted and developed formal transactional writing. | 1.2/AS90053<br>or 2.2/AS90376 | 3 (L1)<br>3 (L2)  | Internal             |
| Read moving images closely.   | US12424                       | 3 (L2)            | Internal             |
| Read poetic written text closely.   | US1242                        | 4 (L2)            | Internal             |
| Deliver a presentation using oral and visual language techniques.                     | AS90374                       | 3 (L2)            | Internal             |
| Present static images combining visual and verbal features.                           | US12426                       | 3(L2)             | Internal             |
| Investigate a language or literature topic and present information in written form.   | 2.8 or<br>US8824              | 3(L2)<br>3(L2)    | Internal             |
| Read transactional written text closely.  | US12420                       | 4(L2)             | Internal             |
| <b>TOTAL CREDITS</b>  |                               | <b>26</b>         | <b>L2</b>            |

## Progression to Level 3 NCEA:

Following the completion of this course, students will progress to one of the Level 2 or 3 English courses. This will be at the discretion of the HOD English.

# French - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 French.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>    | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|---|----------------------------|--------------------------|------------------------|
| Listening Comprehension.                              | 2.1<br>AS90395             | 6                        | External               |
| Prepared Speech in French.                            | 2.2<br>AS90396             | 3                        | Internal               |
| Conversation in French.                               | 2.3<br>AS90397             | 3                        | Internal               |
| Reading Comprehension.                                | 2.4<br>AS90398             | 6                        | External               |
| Writing in French.                                    | 2.5<br>AS90399             | 3                        | External               |
| Writing in French with access to reference materials. | 2.6<br>AS90400             | 3                        | Internal               |
| <b>TOTAL CREDITS</b>                                  |                            | <b>24</b>                |                        |

**Progression to Level 3 NCEA:**

In order to study French at Level 3 it will be necessary to have achieved 18 credits in Level 2 or in consultation with the HOD Languages and the class teacher.

# Gateway

## **What is Gateway**

Gateway is a programme for Year 12 and 13 students that enables them to study at school and participate in introductory learning of mainly trade based careers at the same time.

## **How does it work**

Students take Gateway as one of their subject options. There will only be a maximum of 15 places available. Students spend one day a week in a workplace during terms 1 to 3. Students will be involved with on-site learning and will be assessed on industry unit standards. It is expected that all students will achieve a **minimum** of 10 credits a year through the industry based unit standards. The Gateway class period back at school on the other 4 days will be spent catching up on work missed in other classes and study for other unit standards that are workplace relevant (eg. Health and Safety, First Aid). A teacher is assigned to coordinate the work placement and supervise the students at school.

## **How do I get into the Gateway class**

Students will need to apply for a position at the same time as they put in their subject selection sheets for 2010. Any Year 12 student in the Gateway course will be doing it as their sixth subject. Students will be required to be interviewed before entering the programme and to name two teachers as referees. It is highly desirable that a student's timetable can accommodate the Gateway option line - this will be taken into consideration in the allocation of placements.

## **Where are the work placements**

The work placements will be at suitable work places in the industry that the student wishes to work in, eg. building sites, mechanics, etc. Every effort will be made to find a suitable placement for a student but we are reliant on the greater community to be willing to offer placements for our students. Students will be encouraged to help with any contacts they may have for suitable placements.

## **Who is Gateway suitable for**

Gateway is not a programme for unmotivated students and is not an easy way to get out of school one day a week. If students do not fulfil the requirements of the programme or they are falling behind and failing assessments, then they may be withdrawn from their placements and put back into their regular classes.

For further information and application forms, see Ms Moore.

# Geography - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 Geography including Achievement in Achievement Standard 1.4. 15 credits in Level 1 English. Entry to Level 2 can also be achieved through discussion with HOD.

**Note:** Students will be required to attend a 3 day field school at Tongariro National Park.

## Course Content:

| Achievement Standards and/or Unit Standards                             | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Explain a Natural Landscape.  | 2.1<br>AS90331      | 3                 | External        |
| Use a GIS for a specific task.  | US11087             | 3                 | Internal        |
| Explain disparities in development within or between countries.         | 2.3<br>AS90333      | 3                 | External        |
| Apply skills and ideas, in a geographic context.                        | 2.4<br>AS90334      | 4                 | External        |
| Carry out and present guided geographic research.                       | 2.5<br>AS90335      | 5                 | Internal        |
| Explain a contemporary geographic issue and evaluate courses of action. | 2.6<br>AS90336      | 3                 | Internal        |
| Explain a geographic topic at a global scale.                           | 2.7<br>AS90337      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

## Progression to Level 3 NCEA:

In order to study Geography at Level 3 it will be necessary to have achieved 18 credits in Level 2 Geography and gain at least **Achievement** in standard 2.4 and at least 15 credits of Level 2 English. Entry to Level 3 can also be achieved through discussion with HOD.

# Graphics - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 NCEA Graphics or at the discretion of the HOD Graphics Design Technology.

**Course Content:**

| Achievement Standards and/or Unit Standards                                | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Produce 2D & 3D annotated freehand sketches to show design ideas.          | 2.1<br>AS90318      | 3                 | External        |
| Produce two-dimensional instrumental drawings.                             | 2.2<br>AS90319      | 3                 | External        |
| Produce three-dimensional instrumental drawings.                           | 2.3<br>AS90320      | 3                 | External        |
| Describe and explain design and its implications for society.              | 2.4<br>AS90321      | 3                 | External        |
| Produce a mock up and model to explore design ideas.                       | 2.5<br>AS90322      | 3                 | Internal        |
| Design and present a solution for an architectural or environmental brief. | 2.6<br>AS90323      | 3                 | Internal        |
| Design and present a solution for an engineering or technological brief.   | 2.7<br>AS90324      | 3                 | Internal        |
| Design and present a solution for a media or technical illustration brief. | 2.8<br>AS90325      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

**Progression to Level 3 NCEA:**

In order to study Graphics at Level 3 it will be necessary to have achieved 18 credits in Level 2 Graphics, or at the discretion of the HOD Graphics Design Technology.

# History - Level 2 NCEA

**Minimum Entry Standard:** 16 credits in either Level 1 History or Level 1 English. Entry may also be through consultation with the class teacher and Head of Department.

**Course Content:**

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Plan and carry out an historical inquiry.  | 2.1<br>AS90465      | 4                 | Internal        |
| Communicate historical ideas to demonstrate understanding of an historical context.                  | 2.2<br>AS90466      | 4                 | Internal        |
| Examine perspectives and responses of, and demonstrate empathy for, people in an historical setting. | 2.4<br>AS90468      | 4                 | Internal        |
| Examine evidence in historical sources.  | 2.3<br>AS90467      | 4                 | External        |
| Examine how a force or movement in an historical setting influenced peoples lives, in an essay.      | 2.5<br>AS90469      | 4                 | External        |
| Examine individual or group identity in an historical setting in an essay.                           | 2.6<br>AS90470      | 4                 | External        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

**Progression to Level 3 NCEA:**

In order to study History at Level 3 it will be necessary to have achieved 16 credits in Level 2 History.

# Japanese - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 Japanese.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>      | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|---|----------------------------|--------------------------|------------------------|
| Listening Comprehension.                                | 2.1<br>AS90484             | 6                        | External               |
| Prepared Speech in Japanese.                            | 2.2<br>AS90485             | 3                        | Internal               |
| Conversation in Japanese.                               | 2.3<br>AS90486             | 3                        | Internal               |
| Reading Comprehension.                                  | 2.4<br>AS90487             | 6                        | External               |
| Writing in Japanese.                                    | 2.5<br>AS90488             | 3                        | External               |
| Writing in Japanese with access to reference materials. | 2.6<br>AS90489             | 3                        | Internal               |
| <b>TOTAL CREDITS</b>                                    |                            | <b>24</b>                |                        |

**Progression to Level 3 NCEA:**

In order to study Japanese at Level 3 it will be necessary to have achieved 18 credits in Level 2 Japanese. Entry may also be through consultation with the class teacher and Head of Department.

# Mathematics - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 Mathematics including *at least Achievement* in both Achievement Standards 1.1 and 1.2 and achievement in one or more of Achievement Standards 2.5, 1.8 and 1.9.

## Course Content:

| Achievement Standards and/or Unit Standards                                  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Manipulate algebraic expressions and solve equations.                        | 2.1<br>AS90284      | 4                 | External        |
| Draw straightforward non-linear graphs.                                      | 2.2<br>AS0285       | 3                 | External        |
| Find and use straightforward derivatives and integrals.                      | 2.3<br>AS90286      | 4                 | External        |
| Use coordinate geometry methods.   | 2.4<br>AS90287      | 2                 | External        |
| Simulate probability situations, and apply the normal distribution.          | 2.6<br>AS90289      | 2                 | Internal        |
| Solve straightforward problems involving arithmetic and geometric sequences. | 2.7<br>AS90290      | 2                 | External        |
| Solve straightforward trigonometric equations.                               | 2.9<br>AS90292      | 2                 | External        |
| <b>TOTAL CREDITS</b>   |                     | <b>19</b>         |                 |

## Progression to Level 3 NCEA:

In order to study Mathematics at Level 3 it will be necessary to have achieved 18 credits in Level 2 Mathematics.

Mathematics with Calculus requires *at least Achievement* in all of 2.1, 2.2 and 2.3 and achievement in at least two of 2.4, 2.7 and 2.9. Variations from this will be at the discretion of the HOD.

# Mathematics with Statistics – Level 2 NCEA

**Minimum Entry Standard:** 14 credits at Mathematics Level 1 - NCEA.

## Course Content:

| Achievement Standards and/or Unit Standards                                   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Plan, carry out and report on a statistical investigation into a given area.  | US7564              | 3                 | Internal        |
| Simulate probability situations, and apply the normal distribution.           | 2.6<br>AS90289      | 2                 | Internal        |
| Manipulate algebraic expressions and use algebraic methods to solve problems. | US5246              | 4                 | Internal        |
| Demonstrate calculus skills   | US5244              | 2                 | Internal        |
| Draw and describe graphs involving two variables                              | US5253              | 3                 | Internal        |
| Solve co-ordinate geometry problems   | US5245              | 2                 | Internal        |
| Use sequences and series to solve problems.                                   | US5248              | 2                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>18</b>         |                 |

## Progression on to Level 3 NCEA Statistics and Modelling:

In order to study Statistics and Modelling at Level 3 it will be necessary to have achieved 12 credits in Level 2 Mathematics with Statistics.

It should be noted that NCEA Level 2 Mathematics with Statistics only leads to Level 3 NCEA Statistics and Modelling. Students intending to study NCEA Level 3 Calculus must sit in the NCEA Level 2 Mathematics course.

# Music - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 Music or entry at the discretion of the HOD Music.

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Present contrasting performances as a featured soloist.  | 2.1<br>AS90264      | 6                 | Internal        |
| Present a music performance as a member of a group.  | 2.2<br>AS90265      | 3                 | Internal        |
| Compose effective pieces of music.   | 2.3<br>AS90266      | 5                 | Internal        |
| Create an instrumentation.   | 2.4<br>AS90267      | 2                 | Internal        |
| Demonstrate an understanding of the materials and processes of music in a range of scores.       | 2.6<br>AS90269      | 2                 | External        |
| Demonstrate knowledge and understanding of music works.  | 2.7<br>AS90270      | 5                 | Internal        |
| Demonstrate music performance skills before an audience by three pieces on a second instrument.* | US16550             | 8                 | Internal        |
| <b>Music Technology</b> – Set up and disassemble small public address and recording systems.     | US12823             | 2                 | Internal        |
| <b>Technology</b> – Present skills in ICT (Sound Recording).                                     | AS90368             | 4                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>37</b>         |                 |

## Music Technology

Credits in Music Technology unit standards may be offered to interested students. This will involve work in the recording studio and in live recording situations. These credits may be done in addition to the NCEA course work, or a student may substitute these for existing NCEA credits, on the advice of the HOD.

## Progression to Level 3 NCEA:

In order to study Music at Level 3 it will be necessary to have achieved 18 credits in Level 2. Entry may also be achieved in consultation with the HOD Music.

*\*Only offered to students already learning a second instrument.*

# Physical Education - Level 2 NCEA

**Minimum Entry Standard:** 15 credits of Level 1 Physical Education, or at the discretion of the HOD Physical Education.

**Course Content:**

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Examine the relationship between physical activity and health, and implications for self and society. | 2.1<br>AS90432      | 3                 | Internal        |
| Describe how functional anatomy and biomechanical principles relate to performing physical activity.  | 2.2<br>AS90433      | 4                 | Internal        |
| Examine the principles and methods of training in relation to participation in physical activity.     | 2.3<br>AS90434      | 3                 | Internal        |
| Examine skill learning principles and psychological skills in relation to physical activity.          | 2.4<br>AS90435      | 2                 | Internal        |
| Perform a physical activity to meet the Physical Education Performance Standards for Level 2.         | 2.5<br>AS90436      | 4                 | Internal        |
| Investigate the sociological significance of a sporting event, physical activity or festival.         | 2.6<br>AS90437      | 3                 | Internal        |
| Plan, apply and review leadership strategies in a group or team physical activity.                    | 2.7<br>AS90438      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>22</b>         |                 |

**Progression to Level 3 NCEA:**

In order to study Physical Education at Level 3 it will be necessary to have achieved at least 15 credits in Level 2 Physical Education. Entry to the course can also be achieved at the discretion of the HOD Physical Education.

# Physics - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 Advanced Science including **Achievement** in both Physics Achievement Standards. The Level 2 Mathematics course must be taken in conjunction with this course.

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Take measurements of physical quantities and analyse data graphically to determine a relationship. | 2.1<br>AS90252      | 4                 | Internal        |
| Demonstrate understanding of waves.  | 2.3<br>AS90254      | 4                 | External        |
| Demonstrate understanding of mechanics.  | 2.4<br>AS90255      | 6                 | External        |
| Demonstrate understanding of atoms and radioactivity.  | 2.5<br>AS90256      | 2                 | External        |
| Demonstrate understanding of electricity and electromagnetism.                                     | 2.6<br>AS90257      | 5                 | External        |
| Demonstrate understanding of physics in an integrated context.                                     | 2.7<br>AS90258      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

## Progression to Level 3 NCEA:

In order to study Physics at Level 3 it will be necessary to have achieved 18 credits in Level 2 or in consultation with the HOD Science and TIC Physics.

# Spanish - Level 2 NCEA

**Minimum Entry Standard:** 18 credits in Level 1 Spanish.

**Course Content:**

| Achievement Standards and/or Unit Standards            | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Listening Comprehension.                               | 2.1<br>AS90426      | 6                 | External        |
| Prepared Speech in Spanish.                            | 2.2<br>AS90427      | 3                 | Internal        |
| Conversation in Spanish.                               | 2.3<br>AS90428      | 3                 | Internal        |
| Reading Comprehension.                                 | 2.4<br>AS90429      | 6                 | External        |
| Writing in Spanish.                                    | 2.5<br>AS90430      | 3                 | External        |
| Writing in Spanish with access to reference materials. | 2.6<br>AS90431      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>                                   |                     | <b>24</b>         |                 |

## Progression to Level 3 NCEA

In order to study Spanish at Level 3 it will be necessary to have achieved 18 credits in Level 2 Spanish or in consultation with the HOD Languages and the class teacher.

# Visual Arts - Level 2 NCEA

**Minimum Entry Standard:** 17 credits at Level 1 Visual Art.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>   | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|--|----------------------------|--------------------------|------------------------|
| Research and document methods and ideas in the context of a drawing study in painting.                     | 2.1<br>AS90233             | 6                        | Internal               |
| Generate and develop ideas using drawing processes and procedures in a selected form of painting practice. | 2.2<br>AS90476             | 6                        | Internal               |
| Produce a body of work within a selected form of painting.   | 2.3<br>AS90479             | 12                       | External               |
| <b>TOTAL CREDITS</b>   |                            | <b>24</b>                |                        |

**Progression to Level 3 NCEA:**

In order to study Painting at Level 3 it will be necessary to have achieved 18 credits in Level 2 Visual Art.

# Visual Arts Design - Level 2 NCEA

**Minimum Entry Standard:** A satisfactory work ethic. Previous study at NCEA Level 1 in either Graphics or Visual Art is preferable.

**Course Content:**

| Achievement Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Research and document methods and ideas in the context of a drawing study in design.                     | 2.1<br>AS90474      | 6                 | Internal        |
| Generate and develop ideas using drawing processes and procedures in a selected form of design practice. | 2.2<br>AS90475      | 6                 | Internal        |
| Produce a body of work within a selected form of design practice.  | 2.3<br>AS90235      | 12                | External        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

**Progression to Level 3 NCEA:**

In order to study Art Design at Level 3 it will be necessary to have achieved 18 credits in Level 2 Art Design.

# Visual Arts Photography - Level 2 NCEA

**Minimum Entry Standard:** A satisfactory work ethic.

**Course Content:** This course comprises a mix of traditional black and white techniques with digital methods.

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Research and document methods and ideas in the context of a drawing study in photography.                     | 2.1<br>AS90471      | 6                 | Internal        |
| Generate and develop ideas using drawing processes and procedures in a selected form of photography practice. | 2.2<br>AS90477      | 6                 | Internal        |
| Produce a body of work within a selected form of photography practice.  | 2.3<br>AS90480      | 12                | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

**Progression to Level 3 NCEA:**

In order to study Photography at Level 3 it will be necessary to have achieved 18 credits in Level 2 Visual Arts Photography.

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# Accounting - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Accounting. Students who achieved highly in Level 1 Accounting but did not complete Level 2 may apply to the HOD for entry.

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Describe and apply the conceptual basis of accounting in context.                              | 3.1<br>AS90500      | 4                 | External        |
| Process financial information for partnerships and companies.                                  | 3.2<br>AS90501      | 3                 | External        |
| Process financial information for a manufacturing job-cost subsystem.                          | 3.3<br>AS90502      | 3                 | External        |
| Prepare financial statements for partnerships and companies.                                   | 3.4<br>AS90503      | 6                 | External        |
| Prepare a report that analyses and interprets a company's financial report for external users. | 3.5<br>AS90504      | 5                 | Internal        |
| Explain and prepare information for management decision making.                                | 3.6<br>AS90505      | 3                 | External        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

# Art Design - Level 3 NCEA

**Minimum Entry Standard:** 18 credits at Level 2 Design.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>   | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|--|----------------------------|--------------------------|------------------------|
| Research and analyse approaches within established design practice.                              | 3.1<br>AS90515             | 4                        | Internal               |
| Investigate and use ideas, methods in the context of a drawing study in design.                  | 3.2<br>AS90516             | 6                        | Internal               |
| Produce original work within design to show extensive knowledge of art making methods and ideas. | 3.3<br>AS90517             | 14                       | External               |
| <b>TOTAL CREDITS</b>   |                            | <b>24</b>                |                        |

## Biology - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Biology or in consultation with the HOD Science and TIC Biology.

**Course Content:**

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Research a contemporary biological issue.   | 3.2<br>AS90714      | 3                 | Internal        |
| Describe the role of DNA in relation to gene expression.                            | 3.3<br>AS90715      | 4                 | External        |
| Describe animal behaviour and plant responses in relation to environmental factors. | 3.4<br>AS90716      | 4                 | External        |
| Describe processes and patterns of evolution.                                       | 3.5<br>AS90717      | 3                 | External        |
| Describe trends in human evolution.   | 3.7<br>AS90719      | 3                 | External        |
| Describe applications of biotechnological techniques.                               | 3.6<br>AS90718      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>20</b>         |                 |

# Business Studies - Level 3 NCEA

**Minimum Entry Standard:** 40 credits at Level 2 including at least 24 credits in total in English and Maths.

**Course Content:** Business Studies gives students an opportunity to explore the Business world in a practical way. Students participate in the Young Enterprise Scheme (YES) in which they operate their own company. Students will study:

- Marketing
- Personnel
- Communication
- Business Planning
- Risk Management
- Budgeting
- Financial Recording

Though Business Studies is an opportunity for students to put theory learnt in Economics or Accounting into practice, it is also open to students who have never done those subjects but want to have a dabble in the real world.

**Assessment:** The course is assessed during the year by following the Young Enterprise Scheme for a total of 24 Credit equivalents at Level 3. Completing the course requirements provides 10 of the Credit equivalents and passing the Young Enterprise exam provides 14 Credit equivalents.

# Chemistry - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Chemistry including Achievement Standard 2.2.

## Course Content:

| Achievement Standards and/or Unit Standards                                   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Carrying out an extended practical investigation using quantitative analysis. | 3.1<br>AS90694      | 4                 | Internal        |
| Determine the concentration of an oxidant or reductant by titration.          | 3.2<br>AS90695      | 2                 | Internal        |
| Describe oxidation-reduction processes.                                       | 3.3<br>AS90696      | 3                 | External        |
| Describe properties of particles and thermochemical principles.               | 3.4<br>AS907801     | 5                 | External        |
| Describe aspects of organic chemistry.  | 3.5<br>AS90698      | 5                 | External        |
| Describe properties of aqueous systems.                                       | 3.7<br>AS90700      | 5                 | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

# Classical Studies - Level 3 NCEA

**Minimum Entry Standard:** A satisfactory level of achievement in Level 2 NCEA subjects.

**Course Content:**

| Achievement Standards and/or Unit Standards                                       | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Explain a passage or passages from a work of classical literature in translation. | 3.1<br>AS90511      | 6                 | External        |
| Explain a work or works of classical art.   | 3.2<br>AS90512      | 6                 | External        |
| Explain in essay format an aspect of the classical world.                         | 3.3<br>AS90513      | 6                 | External        |
| Complete independent research on an area of the classical world.                  | 3.4<br>AS90514      | 6                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

# Computing NCC - Level 3 NCEA

**Minimum Entry Standard:** 20 credits in Level 2 Computing NCC.

**Course Content:** To fulfill the requirements for Level 3 NCC a student must attain a total of 52 credits – 12 compulsory Level 2 credits and 40 Level 3 credits. While at least 20 credits are required from the computing domain, in certain cases some approved students may be able to supplement the 52 credit requirement total by using credits from other courses.

| Achievement Standards and/or Unit Standards                               | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Produce text processed business documents.                                | US108               | 5                 | Internal        |
| Demonstrate knowledge of the principles of personal computer systems.     | US2783              | 3                 | Internal        |
| Produce and use computer spreadsheets for business use.                   | US2785              | 5                 | Internal        |
| Create and use a computer flatfile database for business use.             | US2787              | 5                 | Internal        |
| Plan and design desktop published documents for business use.             | US2789              | 5                 | Internal        |
| Demonstrate knowledge of the principles of computer networks.             | US2797              | 4                 | Internal        |
| Produce a presentation using a desktop presentation computer application. | US5940              | 5                 | Internal        |
| Use computer technology to solve a specified problem.                     | US5947              | 3                 | Internal        |
| Investigate the use of computer technology in a organisation.             | US5950              | 6                 | Internal        |
| Automate processes in a computer application using a macro facility.      | US5954              | 2                 | Internal        |
| Discuss the social implications of information technology.                | US5968              | 3                 | Internal        |
| Create a website for organisation use.                                    | US18737             | 5                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>51</b>         |                 |

# Design Technology - Level 3 NCEA

**Note:** This course is structured around NCEA Achievement Standards.

**Minimum Entry Standard:** 15 credits in Level 2 Technology or by negotiation with the HOD Graphics Design Technology.

## Course Content:

| Achievement Standards and/or Unit Standards                      | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Develop a conceptual design to address a client issue.           | 3.1<br>AS90613      | 8                 | Internal        |
| Develop a one-off solution to address a client issue.            | 3.2<br>AS90620      | 8                 | Internal        |
| Describe technologist's responsibilities to the wider community. | 3.4<br>AS90676      | 4                 | External        |
| Demonstrate techniques in Materials Technology.                  | 3.7<br>AS90687      | 4                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

# Drama - Level 3 NCEA

**Minimum Entry Standard:** A satisfactory level of achievement in Level 2 NCEA subjects.

**Course Content:**

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Integrate drama techniques to communicate meaning in individual performance of scripted drama.        | 3.2<br>AS90608      | 5                 | Internal        |
| Use elements and conventions to devise, script and perform individual drama.                          | 3.3<br>AS90609      | 5                 | Internal        |
| Research, prepare and perform a performance or technical/production role in a significant production. | 3.5<br>AS90611      | 6                 | Internal        |
| Develop costume design concept and presentation drawings for stage production.                        | US14956             | 6                 | Internal        |
| Create and present a performance piece for a specific audience.                                       | US16433             | 6                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>28</b>         |                 |

# Economics - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 NCEA Economics or by negotiation with the HOD Commerce.

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Understand marginal analysis and the behaviour of firms.                             | 3.1<br>AS90629      | 5                 | External        |
| Describe an economic problem, allocative efficiency, and market responses to change. | 3.2<br>AS90630      | 4                 | External        |
| Describe market failure and government interventions to correct market failure.      | 3.3<br>AS90631      | 4                 | External        |
| Describe aggregate economic activity.  | 3.4<br>AS90632      | 6                 | External        |
| Collect and process information and carry out an economic analysis.                  | 3.6<br>AS90778      | 5                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

# Electronics - Level 3 NCET

## National Certificate in Electronics Technology

**Minimum Entry Standard:** 18 credits in Level 2 Electronics or at the discretion of the HOD Science.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>                         | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|--|----------------------------|--------------------------|------------------------|
| Demonstrate and apply knowledge of basic semiconductor devices.            | US19743                    | 4                        | Internal               |
| Demonstrate knowledge of basic digital and analogue electronics concepts.  | US19744                    | 5                        | Internal               |
| Demonstrate knowledge of signals and the transmission of information.      | US19745                    | 5                        | Internal               |
| Demonstrate basic knowledge of electronic product quality and reliability. | US19746                    | 5                        | Internal               |
| Demonstrate and apply basic knowledge of microcontrollers.                 | US19747                    | 5                        | Internal               |
| <b>TOTAL CREDITS</b>   |                            | <b>24</b>                |                        |

# English - Level 3 NCEA

**Minimum Entry Standard:** 16 credits in Level 2 English, including at least achievement in Standards 2.6, 2.1 and/or 2.2, and two of 2.3, 2.4, 2.5 or at the HOD's discretion.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>  | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|---|----------------------------|--------------------------|------------------------|
| Produce an extended piece of writing in a selected style.   | 3.1<br>AS90720             | 4                        | Internal               |
| Respond critically to written text (studied).   | 3.2<br>AS90721             | 3                        | External               |
| Respond critically to Shakespearean Drama.  | 3.3<br>AS90722             | 3                        | External               |
| Respond critically to oral or visual text (studied).  | 3.4<br>AS90723             | 3                        | External               |
| Respond critically to unfamiliar prose and poetry texts.  | 3.5<br>AS90724             | 3                        | External               |
| Construct and deliver an oral presentation.   | 3.6<br>AS90725             | 4                        | Internal               |
| Complete independent research on a language or literature topic and present findings in written form. | 3.7<br>AS90726             | 4                        | Internal               |
| <b>TOTAL CREDITS</b>  |                            | <b>24</b>                |                        |

# English - Level 3 Bridging Course

## Course Content:

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Investigate a theme across a range of selected topics and evaluate the outcomes of the investigation. | US8334              | 6                 | Internal        |
| Read closely and evaluate the effectiveness of transactional written texts.                           | US12428             | 4                 | Internal        |
| Produce an extended piece of writing in a selected style  | 3.1<br>AS90720      | 4                 | Internal        |
| <b>Or</b> produce crafted and developed creative writing.   | 2.1<br>AS90375      | 3                 | Internal        |
| <b>Or</b> produce crafted and developed formal transactional writing.                                 | 2.2<br>AS90376      | 3                 | Internal        |
| Construct and deliver an oral presentation.   | 3.6<br>AS90725      | 3                 | Internal        |
| Respond critically to oral or visual text (studied).  | 3.4<br>AS90723      | 4                 | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>20/21</b>      |                 |

# French - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 French.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>     | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|--|----------------------------|--------------------------|------------------------|
| Listening Comprehension.                               | 3.1<br>AS90558             | 6                        | External               |
| Prepared talk/presentation in French.                  | 3.2<br>AS90559             | 3                        | Internal               |
| Conversation in French.                                | 3.3<br>AS90560             | 3                        | Internal               |
| Reading comprehension.                                 | 3.4<br>AS90561             | 6                        | External               |
| Writing in French.                                     | 3.5<br>AS90562             | 3                        | External               |
| Writing in French with access to reference materials.. | 3.6<br>AS90563             | 3                        | Internal               |
| <b>TOTAL CREDITS</b>                                   |                            | <b>24</b>                |                        |

# Gateway

## **What is Gateway**

Gateway is a programme for Year 12 and 13 students that enables them to study at school and participate in introductory learning of mainly trade based careers at the same time.

## **How does it work**

Students take Gateway as one of their subject options. There will only be a maximum of 15 places available. Students spend one day a week in a workplace during terms 1 to 3. Students will be involved with on-site learning and will be assessed on industry unit standards. It is expected that all students will achieve a **minimum** of 10 credits a year through the industry based unit standards. The Gateway class period back at school on the other 4 days will be spent catching up on work missed in other classes and study for other unit standards that are workplace relevant (eg. Health and Safety, First Aid). A teacher is assigned to coordinate the work placement and supervise the students at school.

## **How do I get into the Gateway class**

Students will need to apply for a position at the same time as they put in their subject selection sheets for 2010. Any Year 12 student in the Gateway course will be doing it as their sixth subject. Students will be required to be interviewed before entering the programme and to name two teachers as referees. It is highly desirable that a student's timetable can accommodate the Gateway option line - this will be taken into consideration in the allocation of placements.

## **Where are the work placements**

The work placements will be at suitable work places in the industry that the student wishes to work in, eg. building sites, mechanics, etc. Every effort will be made to find a suitable placement for a student but we are reliant on the greater community to be willing to offer placements for our students. Students will be encouraged to help with any contacts they may have for suitable placements.

## **Who is Gateway suitable for**

Gateway is not a programme for unmotivated students and is not an easy way to get out of school one day a week. If students do not fulfil the requirements of the programme or they are falling behind and failing assessments, then they may be withdrawn from their placements and put back into their regular classes.

For further information and application forms, see Ms Moore.

# Geography - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Geography including at least achievement in Standard 2.4 and at least 15 credits in Level 2 English. Entry to Level 3 can also be achieved through discussion with HOD.

## Course Content:

| Achievement Standards and/or Unit Standards                                  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Analyse natural processes in the context of a geographic environment.        | 3.1<br>AS90701      | 4                 | External        |
| Analyse a cultural process.  | 3.2<br>AS90702      | 4                 | External        |
| Select and apply skills and ideas in a geographic context.                   | 3.4<br>AS90704      | 4                 | External        |
| Carry out and present geographic research with consultation.                 | 3.5<br>AS90705      | 3                 | Internal        |
| Analyse a contemporary geographic issue and evaluate courses of action.      | 3.6<br>AS90706      | 3                 | Internal        |
| Analyse a global topic at a global scale.                                    | 3.7<br>AS90707      | 3                 | Internal        |
| Use a geographic information system to derive a solution to a specific task. | US11088             | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

# Graphics - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Graphics or at the HOD's discretion.

**Course Content:**

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Negotiate a brief and a solution by applying a design process.                        | 3.1<br>AS90734      | 5                 | External        |
| Plan and produce a presentation to communicate design ideas.                          | 3.2<br>AS90735      | 4                 | External        |
| Develop and communicate a solution to an architectural or environmental design brief. | 3.3<br>AS90736      | 5                 | Internal        |
| Develop and communicate a solution to an engineering or technological design brief.   | 3.4<br>AS90737      | 5                 | Internal        |
| Develop and communicate a solution to a media or technical illustration design brief. | 3.5<br>AS90738      | 5                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>24</b>         |                 |

# History - Level 3 NCEA

**Minimum Entry Standard:** 16 credits in Level 2 History. Entry may also be achieved by HOD/TIC discretion.

**Course Content:**

| Achievement Standards and/or Unit Standards  | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Plan and carry out independent historical research.  | 3.1<br>AS90654      | 4                 | Internal        |
| Communicate and present historical ideas clearly to show understanding of an historical context. | 3.2<br>AS90655      | 5                 | Internal        |
| Analyse and evaluate evidence in historical sources.   | 3.3<br>AS90656      | 5                 | External        |
| Examine a significant decision made by people in history, in an essay.                           | 3.4<br>AS90657      | 5                 | External        |
| Examine a significant historical situation in context of change, in an essay.                    | 3.5<br>AS90658      | 5                 | External        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |

# Japanese - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Japanese.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>      | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|---|----------------------------|--------------------------|------------------------|
| Listening comprehension.                                | 3.1<br>AS90570             | 6                        | External               |
| Prepared talk/presentation in Japanese.                 | 3.2<br>AS90571             | 3                        | Internal               |
| Conversation in Japanese.                               | 3.3<br>AS90572             | 3                        | Internal               |
| Reading comprehension.                                  | 3.4<br>AS90573             | 6                        | External               |
| Writing in Japanese.                                    | 3.5<br>AS90574             | 3                        | External               |
| Writing in Japanese with access to reference materials. | 3.6<br>AS90575             | 3                        | Internal               |
| <b>TOTAL CREDITS</b>                                    |                            | <b>24</b>                |                        |

# Mathematics with Calculus - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Mathematics with *at least achievement* in all of 2.1, 2.2 and 2.3 and achievement in at least two of 2.4, 2.7 and 2.9. Variations from this will be at the discretion of the HOD.

## Course Content:

| Achievement Standards and/or Unit Standards                     | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| Differentiate and use derivatives to solve problems.            | 3.1<br>AS90635      | 6                 | External        |
| Integrate functions and use integrals to solve problems.        | 3.2<br>AS90636      | 6                 | External        |
| Solve problems and equations involving trigonometric functions. | 3.3<br>AS90637      | 4                 | Internal        |
| Manipulate real and complex numbers and solve problems.         | 3.4<br>AS90638      | 5                 | External        |
| Use complex numbers to solve problems.                          | US5267              | 3                 | Internal        |
| Sketch graphs and find equations of conic sections.             | 3.5<br>AS90639      | 3                 | External        |
| <b>TOTAL CREDITS</b>  |                     | <b>27</b>         |                 |

Unit Standards 20660 [2 credits] (Use integral calculus to solve differential equation problems) and 20905 [5 credits] (Integrate functions and use integration to solve problems) may be offered if time allows.

## Music - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Music or entry at the HOD's discretion. Students reaching the required standard on their performance instrument may enrol for credits in this Level 3 course. For all students there is flexibility within 43 possible credits for students to work within their strengths, be that Performance, Composition or Music Studies (Music Works).

### Course Content:

| Achievement Standards and/or Unit Standards   | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|---|---------------------|-------------------|-----------------|
| <b>Making Music</b> - Present a performance of a programme of music as a member of a group.   | 3.1<br>AS90526      | 4                 | Internal        |
| <b>Making Music</b> – Present a portfolio of musical composition.                             | 3.6<br>AS90775      | 8                 | Internal        |
| <b>Making Music</b> – Prepare and present performances of music as a featured soloist.        | 3.7<br>AS90776      | 8                 | Internal        |
| <b>Music Studies</b> – Examine the contexts that influence the expressive qualities of music. | 3.2<br>AS90497      | 3                 | Internal        |
| <b>Music Studies</b> – Research and present a music topic.                                    | 3.4<br>AS90499      | 6                 | Internal        |
| <b>Music Studies</b> – Arrange music.   | 3.6<br>AS90527      | 4                 | Internal        |
| <b>Music Technology</b> – Describe the operation of public address and recording systems.     | US12824             | 2                 | Internal        |
| <b>Music Technology</b> – Operate and maintain a public address system.                       | US12825             | 2                 | Internal        |
| <b>Music Technology</b> – Operate a recording system.   | US12826             | 2                 | Internal        |
| <b>Technology – (Sound recording)</b><br>Demonstrate techniques using ICT.                    | AS90685             | 4                 | Internal        |
| <b>TOTAL CREDITS</b>  |                     | <b>43</b>         |                 |

### Music Technology

Credits in Music Technology unit standards may be offered to interested students. This will involve work in the recording studio and in live recording situations. These credits may be done in addition to the NCEA course work, or a student may substitute these for existing NCEA credits, on the advice of the HOD.

*\*External standards can be taken after consultation with the HOD.*

# Painting - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Visual Art.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>   | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|--|----------------------------|--------------------------|------------------------|
| Research and analyse approaches within established painting practice.                              | 3.1<br>AS90659             | 4                        | Internal               |
| Investigate and use ideas and methods in the context of a drawing study in painting.               | 3.2<br>AS90663             | 6                        | Internal               |
| Produce original work within painting to show extensive knowledge of art making methods and ideas. | 3.3<br>AS90667             | 14                       | External               |
| <b>TOTAL CREDITS</b>   |                            | <b>24</b>                |                        |

It may be possible for a student to follow an individual programme involving Printmaking in addition to Painting with the approval of the Head of Department.

# Photography - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Photography.

**Course Content:** This course comprises a mix of traditional black and white techniques with digital methods.

| <b>Achievement Standards and/or Unit Standards</b>  | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|---|----------------------------|--------------------------|------------------------|
| Research and analyse approaches within established photography practice.                              | 3.1<br>AS90660             | 4                        | Internal               |
| Investigate and use ideas, methods in the context of a drawing study in photography.                  | 3.2<br>AS90664             | 6                        | Internal               |
| Produce original work within photography to show extensive knowledge of art making methods and ideas. | 3.3<br>AS90668             | 14                       | External               |
| <b>TOTAL CREDITS</b>  |                            | <b>24</b>                |                        |

# Physical Education - Level 3 NCEA

**Minimum Entry Standard:** 15 credits in Level 2 Physical Education. Entry to the course can also be achieved at the discretion of HOD Physical Education.

## Course Content:

| Achievement Standards and/or Unit Standards  | A.S. or U.S Number | Number of Credits | Assessment Mode |
|--|--------------------|-------------------|-----------------|
| Apply knowledge to plan a physical activity programme or experience.                                     | 3.1<br>AS90739     | 3                 | Internal        |
| Explain, with evidence, the effectiveness of a physical activity and it's influence on hauora/wellbeing. | 3.2<br>AS90740     | 3                 | Internal        |
| Appraise performance and review a programme for performance improvement for self or others.              | 3.3<br>AS90741     | 5                 | Internal        |
| Perform a physical activity to nationally developed performance standards.                               | 3.4<br>AS90742     | 4                 | Internal        |
| Examine a current physical activity event or trend or issue impacting on New Zealand society.            | 3.5<br>AS90743     | 4                 | Internal        |
| Examine physical activity and take action to influence the participation of others.                      | 3.6<br>AS90744     | 5                 | Internal        |
| <b>TOTAL CREDITS</b>   |                    | <b>24</b>         |                 |

# Physics - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Physics.

**Course Content:**

| <b>Achievement Standards and/or Unit Standards</b>                                  | <b>A.S. or U.S. Number</b> | <b>Number of Credits</b> | <b>Assessment Mode</b> |
|---|----------------------------|--------------------------|------------------------|
| Carry out a practical physics experiment that leads to a mathematical relationship. | 3.1<br>AS90774             | 5                        | Internal               |
| Demonstrate understanding of wave systems.  | 3.3<br>AS90520             | 4                        | External               |
| Demonstrate understanding of mechanical systems.                                    | 3.4<br>AS90521             | 6                        | External               |
| Demonstrate understanding of atoms, photons and nuclei.                             | 3.5<br>AS90522             | 3                        | External               |
| Demonstrate understanding of electrical systems.                                    | 3.6<br>AS90523             | 6                        | External               |
| <b>TOTAL CREDITS</b>  |                            | <b>24</b>                |                        |

# Spanish - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Spanish.

**Course Content:**

| Achievement Standards and/or Unit Standards            | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Listening Comprehension.                               | 3.1<br>AS90588      | 6                 | External        |
| Prepared talk/presentation in Spanish.                 | 3.2<br>AS90589      | 3                 | Internal        |
| Conversation in Spanish.                               | 3.3<br>AS90590      | 3                 | Internal        |
| Reading Comprehension.                                 | 3.4<br>AS90591      | 6                 | External        |
| Writing in Spanish.                                    | 3.5<br>AS90592      | 3                 | External        |
| Writing in Spanish with access to reference materials. | 3.6<br>AS90593      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>                                   |                     | <b>24</b>         |                 |

# Statistics & Modelling - Level 3 NCEA

**Minimum Entry Standard:** 18 credits in Level 2 Mathematics.

**Course Content:**

| Achievement Standards and/or Unit Standards                            | A.S. or U.S. Number | Number of Credits | Assessment Mode |
|--|---------------------|-------------------|-----------------|
| Determine the trend for time series data.                              | 3.1<br>AS90641      | 3                 | Internal        |
| Calculate confidence intervals for population parameters.              | 3.2<br>AS90642      | 3                 | External        |
| Solve straightforward problems involving probability.                  | 3.3<br>AS90643      | 4                 | External        |
| Solve equations.   | 3.4<br>AS90644      | 4                 | External        |
| Select and analyse continuous bi-variate data.                         | 3.5<br>AS90645      | 3                 | Internal        |
| Use probability distribution models to solve straightforward problems. | 3.6<br>AS90646      | 4                 | External        |
| Use a mathematical model involving curve fitting to solve a problem.   | 3.7<br>AS90647      | 3                 | Internal        |
| <b>TOTAL CREDITS</b>   |                     | <b>24</b>         |                 |