



**AVONDALE**  
COLLEGE

OUR AIM IS EXCELLENCE



2019

**ACADEMIC** PROGRAMME



# **PATHWAYS PLANNING**

**WEDNESDAY 25 JULY  
3:30 – 6:30PM**

**DROP IN AT ANY TIME DURING THE EVENING  
AVONDALE COLLEGE PERFORMING ARTS CENTRE**

Parents and Caregivers are invited to attend with their children  
to discuss subject choices for 2019.

Careers staff and each school department will be present with displays  
and to answer any questions you have.

Liaison officers from most universities, polytechnics, private providers  
and the armed forces will be present, to ensure your child selects the  
right subjects for their future and can start planning NOW.

**WE LOOK FORWARD TO  
SEEING YOU THERE.**



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# Courses

available at Avondale College

## Key

All courses are subject to availability based on final demand and resourcing.

- The NCEA qualification for each year level is shown. Exceptions are indicated.
- There are three Level 1, Level 2 and Level 3 English courses. Students are selected for the course that will maximise their learning outcomes.
- The CAIE IGCSE qualification is in Year 11 and AS Level is in Year 12. A Level is studied in Year 13.
- The compulsory curriculum is shaded. At least one course must be taken from each compulsory curriculum box.
- Courses in italics have a prerequisite.

\* These courses have a reduced credit option as well as the full credit course.

| LEARNING AREA                 | YEAR 9  | YEAR 10   |
|-------------------------------|---|---|
| ENGLISH                       | English   | English   |
|                               |   | Media Studies   |
| MATHEMATICS AND STATISTICS    | Mathematics and Statistics  | Mathematics and Statistics  |
| SCIENCE                       | Science   | Science   |
| ARTS                          | Two of:<br>Art<br>Dance<br>Drama<br>Music<br><br><b>(two half year courses)</b>   | At least one of:<br>Visual Art<br>Dance<br>Drama<br>Music<br>Visual Media   |
| HEALTH AND PHYSICAL EDUCATION | Health & Physical Education   | Health & Physical Education<br>Sports Academy   |
| TECHNOLOGY                    | Two of:<br>Innovation Programme<br>Food Technology<br>Product Development<br>Soft Materials<br><br><b>(two half year courses)</b> | At least one of:<br>Innovation Programme<br>Food Technology<br>Product Development<br>Design and Visual Communication<br>Soft Materials |
| SOCIAL SCIENCES               | Social Science  | Social Science  |
| COMMERCE                      |   | Business Studies  |
| LANGUAGES                     | One of:<br>French<br>Japanese<br>Latin<br>Maori<br>Samoan<br>Spanish  | <i>French</i><br><i>Japanese</i><br><i>Latin</i><br><i>Maori</i><br><i>Samoan</i><br><i>Spanish</i>                                     |

# NCEA CURRICULUM

| YEAR 11<br>NCEA LEVEL 1  | YEAR 12<br>NCEA LEVEL 2   | YEAR 13<br>NCEA LEVEL 3  |
|--|---|--|
| English*   | English*  | English*   |
| Media Studies  | Media Studies   | Media Studies  |
| Mathematics and Statistics*  | Mathematics*<br>Statistics  | Mathematics (Calculus)<br>Statistics<br>Core Mathematics and Statistics<br>Financial Mathematics   |
| Science*<br>Horticulture<br>Human Biology  | Biology<br>Chemistry<br>Horticulture<br>Physics<br>Science*   | Biology<br>Chemistry<br>Horticulture<br>Physics<br>Science*  |
| Visual Art<br>Contemporary Art Design<br>Dance<br>Drama<br>Music   | Visual Art<br>Visual Art Painting<br>Design Photography<br>Dance<br>Drama<br>Music  | Visual Art Design<br>Visual Art Painting<br>Visual Art Photography<br>Dance<br>Drama<br>Music  |
| Physical Education<br>Sports Advantage<br>Outdoor Education<br>Health Education  | Physical Education<br>Sports Advantage<br>Sports Leadership<br>Outdoor Education  | Physical Education<br>Sports Advantage<br>Sports Leadership<br>Outdoor Education   |
| Innovation Programme<br>Food Technology<br>Hospitality & Catering<br>Product Development<br>Carpentry<br>Mechanical Engineering<br>Design and Visual Communication<br>Fashion and Textile Design | Innovation Programme<br>Food Technology<br>Hospitality and Catering<br>Product Development<br>Carpentry<br>Automotive Engineering<br>Mechanical Engineering<br>Design and Visual Communication<br>Early Childhood Education | Innovation Programme<br>Food Technology<br>Hospitality and Catering<br>Carpentry<br>Mechanical Engineering<br>Design and Visual Communication<br>Early Childhood Education |
| Geography*<br>History<br>Psychology  | Geography*<br>History<br>Psychology<br>Classical Studies<br>Travel and Tourism  | Geography*<br>History<br>Psychology<br>Classical Studies<br>Travel and Tourism<br>Art History  |
| Accounting<br>Economics<br>Business Studies  | Accounting<br>Economics<br>Business Studies   | Accounting<br>Economics<br>Business Studies  |
| French<br>Japanese<br>Maori<br>Samoan<br>Spanish   | French<br>Japanese<br>Maori<br>Samoan<br>Spanish  | French<br>Japanese<br>Maori<br>Samoan<br>Spanish   |

## CAIE CURRICULUM

| LEARNING AREA   | YEAR 11<br>IGCSE<br>(International General Certificate of Secondary Education) | YEAR 12<br>AS LEVEL<br>(Advanced Subsidiary) | YEAR 13<br>A LEVEL<br>(Advanced)         |
|-----------------|--|--|--|
| ENGLISH         | <i>English Literature</i>  | <i>Literature in English</i>                 | <i>Literature in English</i>             |
| MATHEMATICS     | <i>Mathematics</i>   | <i>Mathematics</i>                           | <i>Mathematics</i>                       |
| SCIENCE         | <i>Biology<br/>Chemistry<br/>Physics</i>                                       | <i>Biology<br/>Chemistry<br/>Physics</i>     | <i>Biology<br/>Chemistry<br/>Physics</i> |
| ARTS            | <i>Music</i>   | <i>Music</i>                                 | <i>Music</i>                             |
| TECHNOLOGY      | <i>Innovation Programme</i>  | <i>Innovation Programme</i>                  | <i>Innovation Programme</i>              |
| SOCIAL SCIENCES | <i>Geography<br/>History</i>   | <i>History<br/>Psychology</i>                | <i>History<br/>Psychology</i>            |
| COMMERCE        | <i>Accounting<br/>Business Studies</i>   | <i>Accounting<br/>Business Studies</i>       | <i>Accounting<br/>Business Studies</i>   |
| LANGUAGES       | <i>Spanish<br/>French<br/>Japanese</i>   | <i>Spanish<br/>French<br/>Japanese</i>       | <i>Spanish<br/>French<br/>Japanese</i>   |

## YEAR LEVEL REQUIREMENTS FOR 2019

Entry into all courses is at the Principal's discretion.

### YEAR 9

#### Core

All students study English, Mathematics, Science, Social Science, Technology and Health & Physical Education. They also choose two arts options and one language option.

| Arts Options                   | Language Options  | Technology Options   |
|--------------------------------|---|--|
| Art<br>Dance<br>Drama<br>Music | French<br>Japanese<br>Latin<br>Maori<br>Samoan<br>Spanish | Product Development - TPD<br>Soft Materials - TSM<br>Food Technology - TFN<br>Innovation Programme - TPI |

## YEAR 10

### Core

All students study English, Mathematics, Science, Social Science and Health & Physical Education together with three option subjects.

### Options

- Students choose one subject from List A and one from List B, the third option subject may come from any list.
- A language is recommended.
- Most Year 10 courses include some Level 1 NCEA Standards. These will be logged in the following Year 11.

| A                 |        | B                    |        | C                |        |
|-------------------|--------|----------------------|--------|------------------|--------|
| Dance             | 10 DSE | Food Technology      | 10 TFN | Business Studies | 10 BUS |
| Drama             | 10 DRA | Visual Communication | 10 TVC | ESOL             | 10 ESJ |
| Media Studies     | 10 MST | Product Development  | 10 TPD | French           | 10 FRE |
| Performance Music | 10 MUS | Soft Materials       | 10 TSM | Japanese         | 10 JAP |
| Visual Art        | 10 ART | Innovation Programme | 10 TPI | Latin            | 10 LAT |
|                   |        |                      |        | Maori            | 10 MAO |
|                   |        |                      |        | Samoan           | 10 SAO |
|                   |        |                      |        | Spanish          | 10 SPA |

## YEAR 11

All students study five subjects including English and Mathematics. Science is highly recommended.

### Mainstream Classes

It is recommended that students select a manageable group of subjects. Selecting five 24-credit courses may result in too big a workload for some students.

Students select either **Five NCEA Level 1 subjects** or **Five IGCSE subjects** (five IGCSEs is the best start in the CAIE pathway)

OR Four IGCSE subjects and one NCEA Level 1 subject

OR Four IGCSE subjects and AS Mathematics (*having accelerated in Mathematics in 2018*)

Entry into IGCSE requires satisfactory completion of Year 10 in relevant subjects.

## YEAR 12

All students study five subjects including English. While most students will take five subjects at Level 2 or four or five AS subjects, some students will take subjects at more than one level. This could be in NCEA or CAIE:

### 1 NCEA

Students select either **Five Level 2 subjects.**

**Or** A mix of Level 1 and Level 2 subjects.

**Or** All Level 1 subjects.

### 2 CAIE

Students select either Five AS subjects (very uncommon because 5 AS is very challenging)

**Or Four AS subjects and one IGCSE** or NCEA (The best combination)

**Or Three AS subjects and one or two new IGCSE subjects or one NCEA subject**

NB: University Entrance can be gained with AS English and IGCSE Maths and three AS Levels

It is highly advisable for CAIE candidates to pick up a new IGCSE subject in Year 12 to carry through to AS Level in Year 13.



## YEAR 13

There are various pathways:

### 1 NCEA

Students select either

Students who want to be able to apply for restricted entry tertiary courses must take **FIVE subjects at Level 3 from the approved list of subjects** (page 10) with a combined total of at least 96 credits.

These courses are indicated with a ● symbol.

**Or** Students study FIVE subjects at Level 3. These students can gain University Entrance, but may not have all the requirements for some restricted entry tertiary courses.

**Or** Students study FIVE subjects with a mix of Level 1, 2, and 3. These students are working towards the NCEA qualification at the appropriate level.

### 2 CAIE

Students select either **Three A2 subjects and one AS subject** (Note: Students who take 3 A2 subjects receive a study period)

**Or** Four A2 subjects

**Or** Three A2 subjects and one NCEA subject

**Or** Two A2 subjects and three AS Subjects

**Or** Two A2 subjects, two AS and one NCEA subject

Cover University Tables A and B with your CAIE or NCEA subject selection.

**NB:** University Restricted Entry courses prefer three full A Levels. You must have completed the AS in a subject to enter its A Level course.

## LEARNING SUPPORT PROGRAMME

These classes study subjects from all curriculum areas. Some students are mainstreamed in individual subject areas.

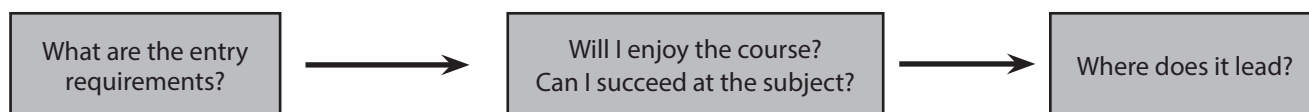
## ESOL IMMERSION PROGRAMME

The immersion programme caters for students who are new to New Zealand with a need for basic English language skills. The course covers reading, writing, listening and speaking skills, with Mathematics, Science, Music and Physical Education and Art also included.

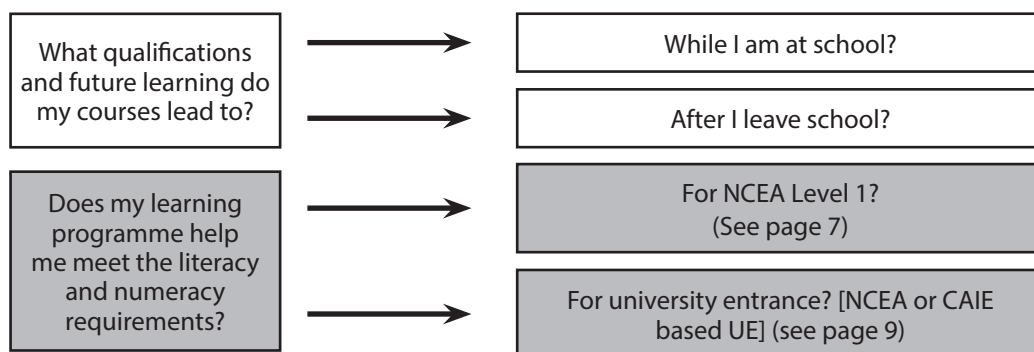
## SELECTING YOUR LEARNING PROGRAMME FOR 2019

The information in this handbook is designed to help you carefully choose your subjects for 2019. The courses you select are crucial for your future, so it is important that you think carefully about your course direction. The further you go in the senior school, the more difficult it becomes to change that direction. That is why the very best advice is to keep as broad a range of subjects for as long as possible.

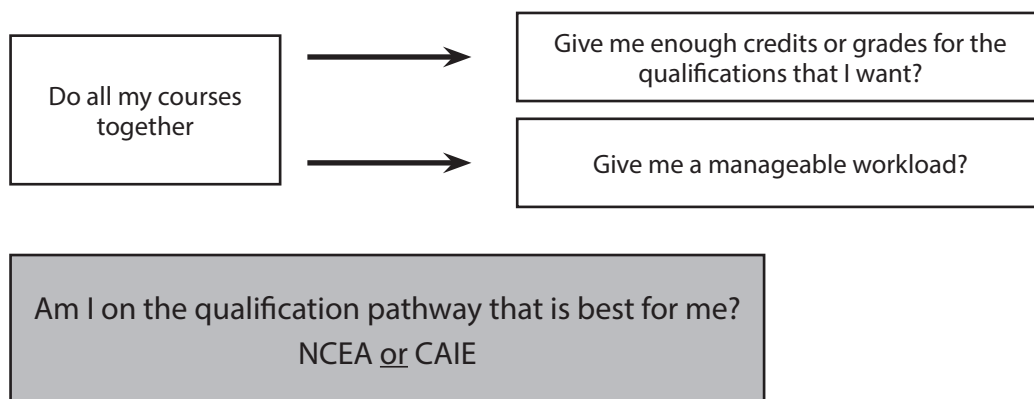
### ALL STUDENTS FOR EACH COURSE YOU CHOOSE:



### SENIOR STUDENTS:







## COURSE AVAILABILITY

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All courses offered will be run subject to student numbers and staffing availability at the Principal's discretion.

## NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT

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New Zealand's qualification for school learners is the National Certificate of Educational Achievement – NCEA. NCEA is a qualification on New Zealand's National Qualifications Framework (NQF).

- NCEA is achievement based. National standards have been set in each area of learning. When students achieve these standards they earn credits towards their NCEA qualification.
- The NQF contains assessment standards: Credits from all achievement standards and unit standards count towards NCEA.
- Assessment standards allow students to show the quality of their achievement in a standard – students can just achieve the standard, or achieve it with merit or with excellence.
- For unit standards students can either achieve the standard by meeting the criteria or not achieve the standard. There are no merit or excellence grades.
- Some standards are assessed in school during the year (internally), other achievement standards are assessed externally (usually in end-of-year exams).
- All unit standards are internally assessed.
- The cost of NCEA is currently \$76.70 per year.

Apart from the NCEA there are other National Certificates students can achieve. At Avondale College students can gain credits towards a number of these.

## NCEA RESULTS

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In January, the New Zealand Qualifications Authority issues students with a full profile of their achievement in each subject online. This interim results notice shows:

- The student's credits and grades for each standard.
- How the student's achievement compared with the achievement of other students across the country in each standard.
- Endorsements (course or certificate level).

NZQA will also provide each student with a record of achievement which summarises all of the standards, credits and qualifications gained to date.

NCEA candidates can also access personal performance information themselves using their NZQA learner log in.

## HOW DO STUDENTS COMPLETE A QUALIFICATION?

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**There are three NCEA qualifications. The requirements for each level are shown below:**

**Level 1** - 80 credits from any level, including 10 literacy and 10 numeracy credits.

**Level 2** - 80 credits, with at least 60 credits from Level 2 or above (including 10 literacy and 10 numeracy credits from Level 1), plus 20+ credits from any level.

**Level 3** - 80 credits, with at least 60 credits from Level 3 or above, plus 20+ credits from Level 2 or above.

### NCEA Level 1-3 Certificate Endorsements

Students are able to achieve qualifications with Merit or Excellence certificates. The Level 1 literacy and numeracy requirements must also be met.

Endorsement with Merit: 50 credits at Merit or Excellence at the same level or higher.

Endorsement with Excellence: 50 credits at Excellence at the same level or higher.

Credits counting towards endorsement may be gained over more than one year and more than one level, but must be gained at the level of the certificate or above.

For example, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.

## NCEA LEVEL 1-3 COURSE ENDORSEMENT

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To attain a course endorsement a student will need to achieve 14 or more credits at Merit and Excellence level with at least 3 credits from externally assessed standards and 3 credits from internally assessed standards in a particular course in a single year. This endorsement will be recorded on the student's Result Notice.

## INTERNATIONAL QUALIFICATIONS

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### CAMBRIDGE ASSESSMENT INTERNATIONAL EDUCATION (CAIE)

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University of Cambridge International Examinations (CAIE) are administered by the University of Cambridge Local Examinations Syndicate (UCLES). UCLES is one of the world's leading examining bodies. Established in 1863 it provides examination services in over 160 countries around the world. Although CAIE is based in the United Kingdom, and the structure of the CAIE awards is the same as the UK awards, its courses are designed for the international community.

#### **CAIE offers three general secondary qualifications:**

- International General Certificate of Secondary Education (IGCSE) - usually taken in Year 11.
- Advanced Subsidiary Level (AS) - usually taken in Year 12.
- Advanced Level (A Level) - usually taken in Year 13.

CAIE courses are generally assessed through external examinations. The different course components of each subject are assessed by separate examination papers, including practical work in the sciences. Students receive grades and percentage marks for each subject.

Examinations are held twice a year in May/June and in October/November. Students will generally sit their examinations in the October/November session. In a small number of courses the May/June session will be selected as the more appropriate.

CAIE qualifications are recognised internationally. They can be used as University Entrance qualification in New Zealand and overseas.

#### **The International General Certificate of Secondary Education**

##### **IGCSE (Year 11)**

- Provides a foundation for higher level courses, especially AS/A Level.
- Subjects are generally studied at Year 11. Some subjects are available at Year 12.
- In some IGCSE subjects there are two course levels - Core Curriculum and Extended Curriculum. The extended curriculum offers a more challenging course.
- The following grades are available:
  - Extended Curriculum: A\*, A, B, C, D, E
  - Core Curriculum: C, D, E, F, GA 'G' grade is regarded as a minimum satisfactory performance against the learning objectives of each subject.
- Each IGCSE subject currently costs \$150.

#### **Advanced Levels (AS/A2)**

##### **AS Level (Year 12)**

- Are the first half of a full A Level (second half is known as A2) and are generally studied in Year 12. Some AS levels, developed by New Zealand schools in conjunction with CAIE, are only available as Year 13 courses.
- Cover the core, foundation aspects of a subject at an advanced level.
- Are worthwhile, stand-alone qualifications that can be used for tertiary entrance.
- Five pass grades are awarded: A, B, C, D, E. Marks below these are ungraded.
- Each AS subject currently costs \$155.

##### **A Level [A2] (Year 13)**

- An AS Level can be carried through to a full A Level by completing the second half of the syllabus known as A2. (There is no such thing as a separate, stand-alone A2 qualification).
- A2 courses are available as Year 13 courses and only to students who have already completed AS.
- A Level syllabuses offer challenging assessments to stretch the most able students.
- Each A2 subject currently costs \$155.

- Students who have completed their AS course the previous year have the option of re-sitting the AS exam in their A2 year in order to improve their overall A Level grade.
- Six pass grades are awarded: A\*, A, B, C, D, E. Marks below these are ungraded.

## THE DUAL PATHWAY

In 2019 NCEA and CAIE qualifications will be available in Year 11, Year 12 and Year 13. Students have two pathways to qualification:

- Pathway 1 - NCEA Level 1 (Year 11) ---> NCEA Level 2 (Year 12) ---> NCEA Level 3 (Year 13)
- Pathway 2 - IGCSE (Year 11) ---> AS Level (Year 12) ---> A Level (Year 13)

(Note: Multi-levelling can occur within each pathway)

## UNIVERSITY ENTRANCE TO ENTER UNIVERSITY IN 2020

Students that want to study at university must ensure that the courses they select at school allow them to qualify for university entry and for entry into any restricted entry courses in which they are interested.

You will be qualified for entrance to a university in New Zealand in 2020 if you have obtained:

**Level 3** - At least 14 credits in each of three approved subjects or at least three AS Levels with minimum grade D and 120 UCAS points.

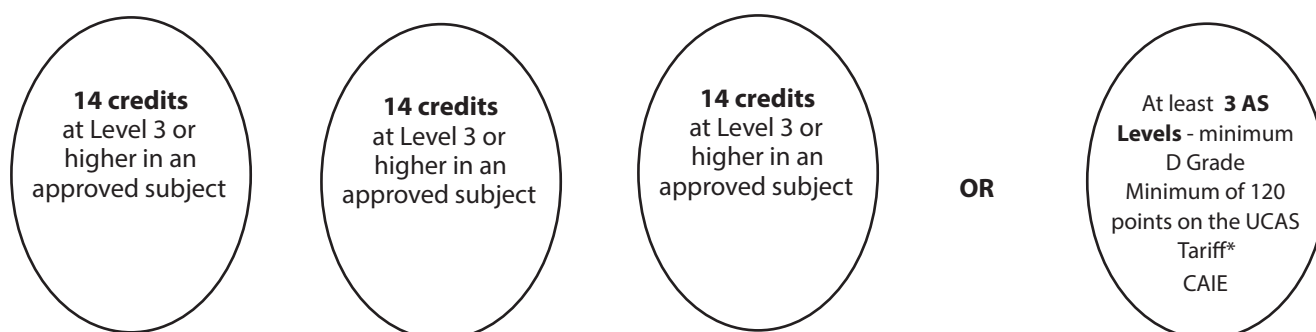
**Literacy** - At least 10 credits at Level 2 or higher in English or Te Reo Maori or from other approved standards; 5 credits must be in reading and 5 credits must be in writing or grade E in AS English.

**Numeracy** - At least 10 credits at Level 1 or higher\* or grade D in IGCSE Mathematics.

\*Made up of: • Achievement standards - specified achievement standards available through a range of subjects, or  
• Unit standards - package of three numeracy unit standards (26623, 26626, 26627 - all three required).

## SUMMARY

**For University you must gain the Level 3 qualification (80 credits, with at least 60 credits from Level 3, plus 20 credits from Level 2 or above) including, as a minimum requirement, 42 credits in 3 UE Approved Subjects (A minimum of 14 Level 3 credits per subject).**



**You must also have:**

- 10 credits in Numeracy at Level 1 or higher
- 5 credits in Reading at Level 2 or higher
- 5 credits in Writing at Level 2 or higher

**OR**

- **Literacy** - Grade E in AS English
- **Numeracy** - Grade D in IGCSE Mathematics

| *UCAS Tariff |                   |         |          |
|--------------|-------------------|---------|----------|
| CAIE Grade   | Marks             | A Level | AS Level |
| A*           | 90-100            | 140     | -        |
| A            | 80-89 (80-100 AS) | 120     | 60       |
| B            | 70-79             | 100     | 50       |
| C            | 60-69             | 80      | 40       |
| D            | 50-59             | 60      | 30       |
| E            | 40-49             | 40      | 20       |

**NB: UNIVERSITY OF AUCKLAND**

**ACADEMIC ENGLISH LANGUAGE REQUIREMENT** Students will need 17 NCEA credits in Level 2 or Level 3 English or a D Grade in either AS or A2 English (CAIE). Students without these credits will need to include a specific English paper in their first year at University.

# APPROVED SUBJECTS FOR UNIVERSITY ENTRANCE

---



|  |                              |
|--|------------------------------|
| Accounting                               | History                      |
| Agriculture and Horticulture             | History of Art               |
| Biology                                  | Home Economics               |
| Business Studies                         | Indonesian                   |
| Calculus                                 | Japanese                     |
| Chemistry                                | Korean                       |
| Chinese                                  | Latin                        |
| Classical Studies                        | Mathematics                  |
| Construction and Mechanical Technologies | Media Studies                |
| Cook Island Maori                        | Music Studies                |
| Dance                                    | Painting (Practical Art)     |
| Design (Practical Art)                   | Photography (Practical Art)  |
| Design and Visual Communications         | Physical Education           |
| Digital Technologies                     | Physics                      |
| Drama                                    | Print making (Practical Art) |
| Earth and Space Science                  | Processing Technologies      |
| Economics                                | Religious Studies            |
| Education for Sustainability             | Samoan                       |
| English                                  | Science                      |
| French                                   | Sculpture (Practical Art)    |
| Geography                                | Social Studies               |
| German                                   | Spanish                      |
| Health Education                         | Statistics                   |
|  | Technology                   |
|  | Te Reo Rangatira             |
|  | Te Reo Maori                 |



# UNIVERSITY ENTRANCE CHECK

At the start of 2019  
will you have ...

In 2019 you must  
take ...

NB:

Tick the box if  
achieved

☐

YES

10 Level 1  
Mathematics credits  
or from other  
approved standards  
IGCSE Maths  
grade D  
or above

NO

NCEA Level 1 Mathematics course.  
**OR** IGCSE Mathematics  
Numeracy can also be achieved from  
use of approved standards in some  
Level 1 courses outside Mathematics

☐

YES

5 Level 2  
Reading credits  
from English or  
Maori or from  
other approved  
standards

NO

A Level 2 English or Maori course if  
you will be in Year 12 or Year 13.  
**OR** AS English  
Level 2 literacy can also be achieved  
from use of approved standards in  
some Level 2 courses outside English  
and Maori

☐

YES

5 Level 2  
Writing credits  
from English or  
Maori or from  
other approved  
standards

NO

☐

YES

14 credits in an  
approved Level 3  
subject

NO

Level 3 courses including at least  
three from the list of approved  
courses if you will be in Year 13.  
**OR** at least 3 AS Levels

☐

YES

14 credits in  
another approved  
Level 3 subject

NO

☐

YES

14 credits in  
another approved  
Level 3 subject

NO

# LITERACY AND NUMERACY CHECK

It is essential that courses planned for Year 12 and Year 13 students in 2019 contain enough literacy credits and enough numeracy credits to meet the requirements for NCEA Level 1 and for University Entrance. While you can gain many more English credits before the end of this year it is important to check that you can and will meet these requirements. Literacy and Numeracy at Level 1 and 2 can be gained from English and Mathematics and other subjects in selected standards. Subject Directors can tell you which standards will contribute to Numeracy and Literacy in 2019.

2019 Year 12 and 13 students: fill in the table below to help check that you have enough credits or suitable CAIE grades. You can use this information to help complete your option sheet.

|                           |                 |              | Number of credits you need                  | Number of credits you already have  | Number of credits still available this year  | Will you have enough credits? | If no then in 2019 you need to take   |
|---------------------------|-----------------|--------------|---|---|--|-------------------------------|---|
| <b>Credits needed for</b> | <b>Literacy</b> | NCEA Level 1 | 10 Level 1 Literacy from approved standards |   |  |                               | Level 1 English or Maori or courses with approved Literacy standards                        |
|                           |                 | UE           | 5 Level 2 Reading                           |   |  |                               | Level 2 English or Maori or courses with approved Literacy standards<br><br>OR AS English   |
|                           |                 |              | 5 Level 2 Writing                           |   |  |                               |   |
|                           |                 |              | OR AS English E grade or above.             |   |  |                               |   |
|                           | <b>Numeracy</b> | NCEA Level 1 | 10 Level 1 Numeracy from approved standards |   |  |                               | Level 1 Mathematics or courses with approved Numeracy standards<br><br>Or IGCSE Mathematics |
|                           |                 | UE           | 10 Level 1 Numeracy from approved standards |   |  |                               |   |
|                           |                 |              | OR IGCSE grade D or above                   |   |  |                               |   |
|                           |                 |              |   | Write in the number of credits or IGCSE formative grades you have gained so far - your school report, IGCSE Certificate or NZQA login or tracking sheet will show this. | Write in the number of credits still available. Get this from your course summary. | Answer yes, no, or maybe      |   |

# RESTRICTED ENTRY COURSES

Entry to many university courses is restricted to students who have a very good record of achievement. Some universities select these students from their own intermediate year courses.

Other Universities (including Auckland University) will use the quality of a students achievement in NCEA Level 3 or A Level to select students for these restricted entry courses. The University of Auckland restricts entry to all courses:

- Applicants should present five subjects from the approved list, at Level 3 or higher, or AS/A Level.
- These Level 3 credits or AS/A Level grades may be gained in no more than two consecutive years.
- All applicants will be assigned a rank order, based on the best 80 credits at Level 3 or higher or AS/A Level, results weighted by the level of achievement attained in each set of credits or AS/A Level syllabus.
- Different degrees also require certain subjects as prerequisites.

## UNIVERSITY OF AUCKLAND SCHOOL LEAVER ADMISSION REQUIREMENTS

**All applicants must gain the Common Entrance Standard and, in addition:**

- All applicants will be ranked according to their best 80 credits at Level 3 or higher or AS/A Level over a maximum of six approved subjects, weighted by the level of achievement attained in each set of credits or AS/A Level syllabus. Students are strongly encouraged to take achievement standards or three A Levels in Year 13.
- NCEA Level 3 credits or AS Levels achieved in Year 12 may be counted towards the best results for ranking purposes.
- It is possible for students with fewer than 80 Level 3 credits to apply for limited entry programmes and they may be successful. All applicants will be ranked. (Note: it is possible for a student with fewer than 80 credits but with a number of "excellences" or "merits" to be ranked above a student with 80 credits, who has not achieved as well in terms of "excellence" or "merit".)
- Faculties may consider applicants who do not reach the standards required, only if space is available.
- Applicants for some limited entry qualifications may be required to have taken specific subjects and gained a specific number of credits in those subjects (see Subject and Credit Requirements below).
- The rank score will be calculated by awarding the following points for up to 24 credits in each approved subject taken at Level 3. The maximum rank score is 320. **Excellence 4 points. Merit 3 points. Achieved 2 points.**

### How your rank score is calculated

You will be allocated a rank score using the UCAS Tariff for the best 6 subject units at AS or A level, provided that no more than two subject units are included from any one syllabus group in the table of available syllabus groups, which are broadly equivalent to those in the list of approved subjects for NCEA. (1 AS level = 1 subject unit; 1 A level = 2 subject units.)

- The rank score will be calculated from your UCAS Tariff points by awarding the following points for each syllabus group (to a maximum of six subject units). The maximum rank score is 420.

| Level | A*         | A          | B          | C         | D         | E         |
|-------|------------|------------|------------|-----------|-----------|-----------|
| A     | 140 points | 120 points | 100 points | 80 points | 60 points | 40 points |
| AS    | —          | 60 points  | 50 points  | 40 points | 30 points | 20 points |

- An A Level counts as two subject units. Where a student has studied more than six subject units the best six scores will be used.
- A CIE rank score may differ from the UCAS Tariff used for university entrance because only syllabuses that contribute to university entrance are used for ranking.

| Example of how a rank score for NCEA Level 3 is calculated                 |                      |   |  |            |
|--|----------------------|---|--|------------|
| Subject  | Standard type        | Results                                 | Calculate                                      | Rank score |
| English  | Achievement and Unit | 6 Excellence<br>6 Merit<br>16* Achieved | 6 x 4 points<br>6 x 3 points<br>12* x 2 points | 66         |
| History  | Achievement          | 8 Excellence<br>10 Achieved             | 8 x 4 points<br>10 x 2 points                  | 52         |
| Physics  | Achievement          | 24 Merit                                | 24 x 3 points                                  | 72         |
| Calculus   | Achievement          | 4 Excellence<br>3 Merit<br>8** Achieved | 4 x 4 points<br>3 x 3 points                   | 25         |
| Statistics   | Achievement          | 7 Merit<br>10** Achieved                | 7 x 3 points                                   | 21         |
| Economics  | Achievement          | 6*** Achieved                           | Not counted***                                 | Nil        |
| Rank score   |                      |   |  | 236        |
| *Maximum 24 credits per subject. Any points above this limit are excluded. |                      |   |  |            |
| **Not included as only best 80 credits used in calculation of rank score.  |                      |   |  |            |
| ***Only five subjects are included in the calculation.                     |                      |   |  |            |

### Cambridge Assessment International Education (CAIE)

- To be admitted to The University of Auckland you must gain the University Entrance Standard (120 points on the UCAS Tariff) and be selected into a programme. You will be ranked according to your UCAS Tariff score accumulated over a maximum of six subject units in the last two years, at AS or A Level, from subjects that match the approved subject list for NCEA (see page 15).

### EXAMPLE OF HOW A RANK SCORE FOR CAIE IS CALCULATED

| Subject   | Level | Subject Units | Grade | Tariff points | Rank score |
|---|-------|---------------|-------|---------------|------------|
| Chemistry   | A     | 2             | B     | 100           | 100        |
| Mathematics   | A     | 2             | B     | 100           | 100        |
| Physics   | AS    | 1             | B     | 50            | 50         |
| English   | AS    | 1             | C     | 40            | 40         |
| Biology   | AS    | 1             | D     | 30            | Nil*       |
| <b>Rank Score</b>   |       |               |       |               | <b>290</b> |
| <i>Maximum six subject units. If more are achieved, the best six scores are used.</i> |       |               |       |               |            |

## Undergraduate programme admission requirements for school leavers who have achieved University Entrance

This table indicates the rank score, subject/credit requirements and other requirements that will guarantee you admission to your programme in 2019.

If you achieve the University Entrance standard but do not achieve a rank score that will guarantee selection into the programme you wish to study, your application will be given individual consideration if places are available.

| PROGRAMME   | NCEA (LEVEL 3)   | CAIE   | IB  |
|---|--|--|---|
| Bachelor of Architectural Studies (BAS)                                   | 230<br>A minimum of 16 credits in one subject from Table A and a minimum of 16 credits in one subject from Table B<br><br>Subject to the qualitative evaluation of a portfolio of creative work and written statement.   | 280<br>One subject from Table A and one subject from Table B   | 31  |
| Bachelor of Arts (BA) <sup>1</sup>  | 150  | 150  | 26  |
| Bachelor of Commerce (BCom) <sup>2</sup>                                  | 180 with a minimum of 16 credits in each of three subjects from Table A and/or Table B   | 190 with three subjects from Table A and/or Table B  | 27  |
| Bachelor of Dance Studies (BDanceSt)                                      | 150<br><br>Subject to the qualitative evaluation of a CV, written statement and an audition/interview.   | 150  | 26  |
| Bachelor of Education (Teaching) (BEd(Tchg)) <sup>3</sup>                 | 150<br><br>Subject to satisfactory interview, police check, safety checks and referees' reports. (You may also be required to sit literacy, numeracy and IELTS assessment.)  | 150  | 26  |
| Bachelor of Engineering (Honours) (BE(Hons)) <sup>4,5</sup>               | 260 with 17 external Level 3 credits in Calculus and 16 external Level 3 credits in Physics  | 310 with Mathematics and Physics at A Levels   | 33 with Mathematics and Physics at HL level |
| Bachelor of Fine Arts (BFA)   | 150<br><br>Subject to the qualitative evaluation of a portfolio of creative works and written statement.   | 150  | 26  |
| Bachelor of Global Studies (BGlobalSt)                                    | 210 with a minimum of 16 credits in each of three subjects from Table A and/or Table B and/or the following languages: Chinese, Cook Island Maori, French, German, Japanese, Korean, Samoan, Spanish, Tongan   | 230 with three subjects from Table A and/or Table B and/or the following languages: Chinese, French, German, Japanese, Spanish | 28 <sup>6</sup>                             |
| Bachelor of Health Sciences (BHSc)  | 250 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one subject from Table B   | 300 with one subject from Table A and one full A Level subject from Table B  | 33  |
| Bachelor of Laws (LLB (Part I)) <sup>7</sup>                              | Students must be offered a place in another bachelors degree. Students who gain entry to Law Part II can be admitted to the conjoint degree at that stage even if they were not in a conjoint previously.  |  |   |
| Bachelor of Music (BMus)  | 150<br><br>Subject to the qualitative evaluation of:<br>• Classical Performance – an audition portfolio <sup>8</sup><br>• Jazz Performance – an audition portfolio <sup>8</sup><br>• Popular Music – an audition portfolio <sup>8</sup><br>• Composition – a composition portfolio<br>• Musicology – a statement of musical background | 150  | 26  |
| Bachelor of Nursing (BNurs)   | 230 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits from one of Biology, Chemistry, Physics   | 280 with one subject from Table A and one of Biology, Chemistry, Physics at full A Level                                       | 31  |
| Bachelor of Property (BProp) <sup>2</sup>                                 | 180 with a minimum of 16 credits in each of three subjects from Table A and/or Table B   | 190 with three subjects from Table A and/or Table B  | 27  |
| Bachelor of Science (BSc) <sup>9</sup>                                    |  |  |   |
| - Biomedical Science  | 280  | 310  | 33  |
| - Food Science and Nutrition  | 200  | 200  | 28  |
| - Exercise Sciences   | 200  | 200  | 28  |
| - all other majors/specialisations  | 165  | 170  | 26  |
| Bachelor of Social Work (BSW) <sup>3</sup>                                | 150<br><br>Subject to a satisfactory police check, safety checks and referees' reports. Interviews may be required.  | 150  | 26  |
| Bachelor of Sport, Health and Physical Education (BSportHPE) <sup>3</sup> | 150  | 150  | 26  |
| Bachelor of Urban Planning (Honours) (BUrbPlan(Hons))                     | 230<br><br>Subject to the qualitative evaluation of a written statement.   | 280  | 31  |



| <b>Conjoint programmes</b><br>Applicants must achieve the greater of the two rank scores for their selected programmes and must meet the entry requirements for both programmes.<br>Not all degree programmes have conjoint options.   |   |  |   |
|--|---|--|---|
| PROGRAMME  | NCEA (LEVEL 3)  | CAIE (TAKEN IN NZ)   | IB  |
| Bachelor of Arts conjoints   | 210   | 230  | 28  |
| Bachelor of Commerce conjoints   | 210 with a minimum of 16 credits in each of three subjects from Table A and/or Table B  | 230 with three subjects from Table A and/or Table B                                      | 28  |
| Bachelor of Engineering (Honours) conjoints <sup>4</sup>   | 275 with 17 external Level 3 credits in Calculus and 16 external Level 3 credits in Physics   | 330 with Mathematics and Physics at A Levels   | 36 with Mathematics and Physics at HL level |
| Bachelor of Fine Arts conjoints  | 210<br><br>Subject to the qualitative evaluation of a portfolio of creative works and written statement.  | 230  | 28  |
| Bachelor of Health Sciences conjoints  | 250 with a minimum of 18 credits in one subject from Table A and a minimum of 18 credits in one subject from Table B  | 300 with one subject from Table A and one full A Level subject from Table B              | 33  |
| Bachelor of Laws (Part I) conjoints  | Satisfy the conjoint score for the other degree.  |  |   |
| Bachelor of Music conjoints  | 210<br><br>Subject to the qualitative evaluation of:<br><ul style="list-style-type: none"> <li>Classical Performance – an audition portfolio<sup>6</sup></li> <li>Jazz Performance – an audition portfolio<sup>6</sup></li> <li>Popular Music – an audition portfolio<sup>6</sup></li> <li>Composition – a composition portfolio</li> <li>Musicology – a statement of musical background</li> </ul> | 230  | 28  |
| Bachelor of Nursing conjoints  | 230 with a minimum of 18 credits in one subject from Table A and minimum of 18 credits from one of Biology, Chemistry, Physics  | 280 with one subject from Table A and one of Biology, Chemistry, Physics at full A Level | 31  |
| Bachelor of Property conjoints   | 210 with a minimum of 16 credits in each of three subjects from Table A and/or Table B  | 230 with three subjects from Table A and/or Table B                                      | 28  |
| Bachelor of Science conjoints  | 210   | 230  | 28  |
| <p><i>Applicants for the Bachelor of Medicine and Bachelor of Surgery (MBChB) must first complete Year 1 of either the BHSc or the BSc in Biomedical Science, or have completed another degree approved by the Faculty of Medical and Health Sciences.</i></p> <p><i>Applicants for the Bachelor of Pharmacy (BPharm) should first complete Year 1 of either the BHSc or the BSc in Biomedical Science (or an equivalent programme of study), or have completed another degree approved by the Faculty of Medical and Health Sciences.</i></p> <p><i>Applicants for the Bachelor of Optometry (BOptom) must first complete the set courses from the common year of the BSc in Biomedical Science (or equivalent) or have completed another degree approved by the Faculty of Medical and Health Sciences.</i></p>  |   |  |   |
| <ol style="list-style-type: none"> <li>Māori and Pacific applicants and applicants from other Equity target groups (including those from refugee backgrounds, low socio-economic backgrounds and applicants with declared disabilities) applying based on NCEA or CIE (taken in NZ) who achieve the University Entrance (UE) Standard and a rank score of 120-149 will be admitted to the Bachelor of Arts (BA) through the Targeted Admission Scheme. Other applicants with UE and rank scores from 130-149 will be considered for conditional admission to the BA. Equity applicants with rank scores of 119 or less and all other applicants with rank scores of 129 or below will be referred to an appropriate foundation programme. Applicants with IB 24-25 will be considered for conditional admission to the BA.</li> <li>For more information on the Targeted Admission Scheme for Business School programmes please see <a href="http://www.business.auckland.ac.nz/tas">www.business.auckland.ac.nz/tas</a></li> <li>Māori, Pacific students, students with disabilities, students from refugee backgrounds and students from low socio-economic backgrounds who achieve the UE Standard and meet other requirements will be admitted to the programmes in the Faculty of Education and Social Work through the Targeted Admission Scheme.</li> <li>For CIE students, AS Mathematics and Physics may be accepted based on the level of grade achieved. For IB students, SL Mathematics and Physics may be accepted based on the level of grade achieved.</li> <li>The Faculty of Engineering will give consideration to students who missed out on admission to BE(Hons) who are able to demonstrate sufficient ability in engineering-related and approved study in the Bachelor of Science (BSc) programme for admission in Semester Two. <a href="http://www.engineering.auckland.ac.nz/behons-alt-pathway">www.engineering.auckland.ac.nz/behons-alt-pathway</a></li> <li>An audition portfolio can include evaluations of one or more recorded and/or live performance elements. <a href="http://www.creative.auckland.ac.nz/apply-music">www.creative.auckland.ac.nz/apply-music</a></li> <li>Māori and Pacific applicants with an NCEA rank score greater than or equal to 140 (CIE 130, IB 25) and a minimum of 14 credits in at least two subjects from Table A or B will be admitted to the BSc with the exception of majors in Biomedical Science, Food Science and Nutrition or Exercise Sciences. Applicants from Equity target groups (including those from refugee backgrounds, low socio-economic backgrounds and applicants with disabilities) with an NCEA rank score greater than or equal to 140 (CIE 130, IB 25) will be ranked on the basis of academic merit. Māori and Pacific applicants with an NCEA rank score less than 140 will be conditionally admitted to the BSc dependant on successful completion of the Certificate in Academic Preparation (passing all courses).</li> </ol> |   |  |   |

| Table A - NCEA L3 | Table B - NCEA L3    |
|-------------------|----------------------|
| Classical Studies | Accounting           |
| English           | Biology              |
| Geography         | Calculus             |
| History           | Chemistry            |
| History of Art    | Digital Technologies |
| Te Reo Maori OR   | Economics            |
| Te Reo Rangatira  | Mathematics*         |
|                   | Physics              |
|                   | Statistics           |

\* Cannot be used in combination with Calculus and/or Statistics

| Table A - CAIE    | Table B - CAIE   |
|-------------------|------------------|
| Classical Studies | Accounting       |
| English           | Biology          |
| Geography         | Business Studies |
| History           | Chemistry        |
| History of Art    | Economics        |
|                   | Mathematics      |
|                   | Physics          |

**NB:** Check the Table A and Table B subject requirements for your chosen programme.

Further information regarding individual programme requirements can be obtained from faculty websites and handbooks.

If you are applying for conjoint programmes you will need to meet the subject requirements for both degrees, and gain a sufficiently high ranking for selection.

The University of Auckland has taken all steps to ensure that the information on this page is correct but notes that changes may occur. Please refer to The University of Auckland website for updated information.

**Please note that entry scores for Auckland University programmes are reviewed every year. They are likely to change for a number of programmes.**

## PEOPLE TO SEE FOR SUBJECT ADVICE

People you can see for advice about your course selection here at school are your Dean or Mrs Birkhead, Ms Thomson and Mrs Johnson, our Careers counsellors who have information on a huge variety of careers and tertiary courses. They are available on 820 1729 and are happy to talk with parents.

| Subject  | Teacher       |
|--|---------------|
| <b>ART</b>                                       |               |
| Art Photography - Years 12 and 13                | Miss Earwaker |
| Visual Arts - Years 11, 12 and 13                | Ms Watt       |
| Dance  | Miss Jennings |
| Drama  | Mrs Norton    |
| Music  | Mr Stenbo     |
| <b>COMMERCE</b>                                  |               |
| Accounting                                       | Mr Bramston   |
| Economics  | Mr Bramston   |
| Business Studies                                 | Mr Bramston   |
| <b>ENGLISH</b>                                   |               |
| Year 11  | Mrs Cope      |
| Year 12  | Mrs Cope      |
| Year 13  | Mrs Cope      |
| Media Studies                                    | Mrs Foot      |
| <b>ESOL</b>                                      |               |
| ESOL   | Mrs Dayal     |
| <b>LANGUAGES</b>                                 |               |
| French   | Ms Crawley    |
| Japanese   | Ms Crawley    |
| Latin  | Mrs Andrews   |
| Maori  | Ms Howell     |
| Samoan   | Miss Magasiva |
| Spanish  | Ms Crawley    |
| <b>MATHEMATICS</b>                               |               |
| Year 10 Mathematics and Statistics               | Mr Davis      |
| Year 11 Mathematics and Statistics (all courses) | Mr Davis      |
| Year 12 Mathematics and Statistics (all courses) | Mr Davis      |
| Year 13 Mathematics and Statistics (all courses) | Mr Davis      |

| Subject                   | Teacher      |
|---------------------------|--------------|
| <b>PHYSICAL EDUCATION</b> |              |
| Physical Education        | Ms Joynes    |
| <b>SCIENCE</b>            |              |
| Biology                   | Mr Rooney    |
| Chemistry                 | Dr Berry     |
| Horticulture              | Mr Norton    |
| Human Biology             | Mr Rooney    |
| Physics                   | Mr Irwin     |
| Science                   | Mr Stephen   |
| <b>SOCIAL SCIENCE</b>     |              |
| Classical Studies         | Ms Hanna     |
| Geography                 | Mr Smith     |
| History                   | Ms Fraser    |
| Psychology                | Mr Wheeler   |
| Travel and Tourism        | Ms Hanna     |
| <b>TECHNOLOGY</b>         |              |
| Food and Soft Materials   | Mrs Khan     |
| Resistant Materials       | Mr Bartlett  |
| All Technology            | Mr Bartlett  |
| Innovation Programme      | Mr McClean   |
| <b>TRANSITION</b>         |              |
| Employment Skills         | Mrs Birkhead |

For further information on the entry requirements for the following institutions, please contact them directly or see any of our Careers Counsellors

|                       |  |               |
|-----------------------|--|---------------|
| Auckland University   | <a href="http://www.auckland.ac.nz/admissions">www.auckland.ac.nz/admissions</a> | 0800 616-263  |
| AUT University        | <a href="http://www.aut.ac.nz">www.aut.ac.nz</a>                                 | 0800 288-864  |
| Canterbury University | <a href="http://www.canterbury.ac.nz">www.canterbury.ac.nz</a>                   | 03 364-2993   |
| Lincoln University    | <a href="http://www.lincoln.ac.nz">www.lincoln.ac.nz</a>                         | 03 325-2811   |
| Massey University     | <a href="http://www.massey.ac.nz">www.massey.ac.nz</a>                           | 09 443-9700   |
| Waikato University    | <a href="http://www.waikato.ac.nz">www.waikato.ac.nz</a>                         | 0800 924-5286 |
| Otago University      | <a href="http://www.otago.ac.nz">www.otago.ac.nz</a>                             | 09 373-9704   |
| Victoria University   | <a href="http://www.vuw.ac.nz">www.vuw.ac.nz</a>                                 | 0800 842-864  |

# EXPLAINING THE COURSE PROFILES

The courses are grouped in learning areas. For each course you need to check:

- the entry requirements
- where the subject leads to
- the number and type of credits offered

## ENTRY REQUIREMENTS

These are shown in a table at the start of each learning area grouping. The table shows the minimum requirement for entry into each course. This may include a certain number of credits from a named subject, and/ or certain specific standards from the previous level.

## CHOOSING THE BEST SUBJECTS FOR YOU

It is important that you choose a group of subjects that not only give you the best chance of achieving well but also provide openings for future learning. Taking the courses with the most credits is not always the best way to achieve well. To give you information about the subjects offered we have coded them as shown. Many students will take a mix of different course types.

### Full courses

- A full academic course preparing student comprehensively for study at the next level in the subject.
- A full academic course at Level 3 that prepares students comprehensively for further study at tertiary level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university.

### Core courses

- A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 and Year 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the University Entrance requirement by the end of Year 13.

### Entry courses

- △ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## SUBJECT PROFILE: EXAMPLE

For each subject there is a profile grid showing the course type, the type of standards used to assess student achievement, and the number and type of credits offered.

For example the profile below for Year 12 Horticultural Science gives the following information:

- it is a full course
- it is a level 2 course
- a total of 23 credits are offered
- of these 7 credits are from unit standards, 4 credits are from internally assessed achievement standards and 12 credits are from externally assessed achievement standards
- the course has five modules
- to enter the course a student must have 16 Level 1 credits in Science, Horticultural Science or Geography.
- the course leads to Year 13 Horticultural Science

## YEAR 12 HORTICULTURAL SCIENCE

12 HOR

**Entry Requirements:** 16 credits in Level 1 Horticultural Science or equivalent in Science or Geography.

| CREDITS AVAILABLE              |   |                                |    |                         | LEVEL 2 | <input type="radio"/> |    |
|--------------------------------|---|--------------------------------|----|-------------------------|---------|-----------------------|----|
| Internal Achievement Standards | 4 | External Achievement Standards | 12 | Internal Unit Standards | 7       | Total Credits         | 23 |

**Course Description:** The course is taught in five modules: plant propagation (plant production), plant productivity (plant development), environmental resource management, soil science and landscape design. There are also additional STAR courses in landscaping and GroSafe qualifications.

**Leads to:** 13 HOR

# ARTS LEARNING AREA

Pathway Charts  
Art and Design Department  
Music Department  
Performing Arts Department

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Page 22  
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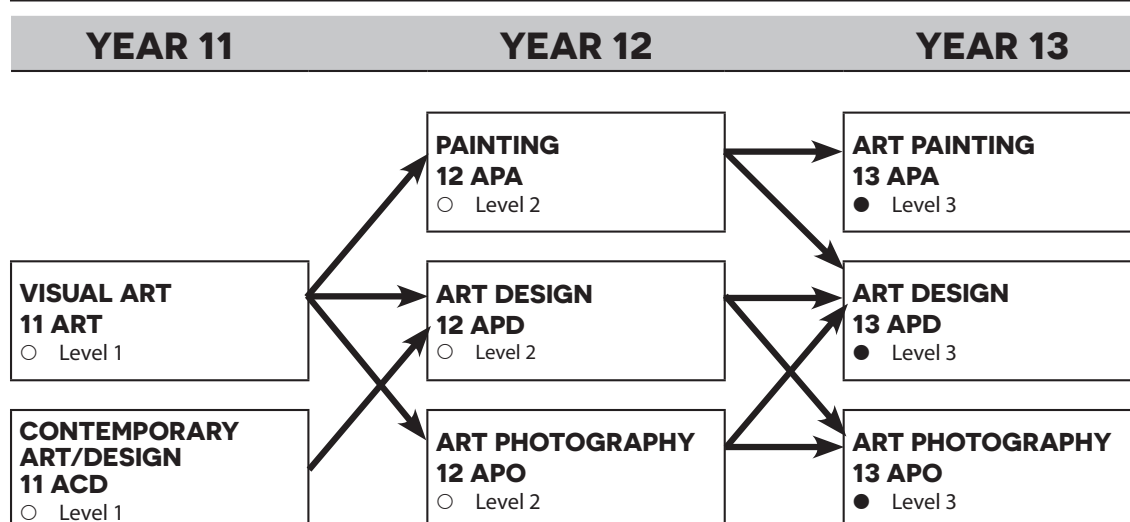
| COURSE                     |  | ENTRY REQUIREMENTS   | PAGE |
|----------------------------|--|--|------|
| 10 ART                     | Year 10 Visual Art   | Satisfactory completion of Year 9 Visual Art, or at Director's discretion. Students are required to purchase and maintain a basic set of art materials.                                | 19   |
| 11 ART<br>11 ACD           | Year 11 NCEA Visual Art<br>Contemporary Art/Design                                     | Satisfactory completion of Year 10 Art. Minimum of A4 for all standards, or at the Director's discretion. Students are required to purchase and maintain a basic set of art materials. | 19   |
| 12 APD<br>12 APO<br>12 APA | Year 12 NCEA<br>Visual Art Design<br>Photography<br>Visual Art Painting                | 18 credits from Level 1 Visual Art or at Director's discretion.  | 20   |
| 13 APA<br>13 APD<br>13 APO | Year 13 NCEA Visual Art<br>Painting / Design<br>Year 13 NCEA Visual Art<br>Photography | 20 credits from Level 2 Visual Art Design/Painting.<br>20 credits from Level 2 Visual Art Photography.   | 21   |
| 10 MUS                     | Year 10 Music  | Students must be taking lessons on an instrument or voice.   | 22   |
| 11 CMU                     | Year 11 CAIE Music   | Satisfactory completion of 10MUS or Director approval.   | 23   |
| 12 CMU                     | Year 12 CAIE Music   | Satisfactory progress in 11CMU, 11MUS or Director approval.  | 23   |
| 13 CMU                     | Year 13 CAIE Music   | Satisfactory progress in 12CMU.  | 24   |
| 11 MUS                     | Year 11 NCEA Music   | Satisfactory completion of 10MUS or Director approval.   | 24   |
| 12 MUS                     | Year 12 NCEA Music   | Satisfactory progress in 11MUS, 11CMU or Director approval.  | 24   |
| 13 MUS                     | Year 13 NCEA Music   | Satisfactory progress in 12MUS, 12CMU or Director approval.  | 25   |
| 10 DSE                     | Year 10 Dance  | Satisfactory completion of the Year 9 Dance course or by successful interview/audition with Director of Dance.   | 25   |
| 11 DSE                     | Year 11 NCEA Dance   | Satisfactory completion of Year 10 Dance or by audition.   | 26   |
| 12 DSE                     | Year 12 NCEA Dance   | 16 credits in NCEA Level 1 and must include 12 internal credits, or by interview/audition with the Director of Dance.  | 26   |
| 13 DSE                     | Year 13 NCEA Dance   | 16 credits from Level 2 Dance including 12 internal Level 2 Dance credits or by audition.  | 26   |
| 10 DRA                     | Year 10 Drama  | Satisfactory completion of the Year 9 Drama course or by successful interview/audition with the Director of Drama.   | 27   |
| 11 DRA                     | Year 11 NCEA Drama   | Satisfactory completion of Year 10 Drama or by audition.   | 27   |
| 12 DRA                     | Year 12 NCEA Drama   | 13 credits from Level 1 Drama including 1.1 or 1.2, and 1.4 & 1.6 or by successful interview/audition with the Director of Drama.  | 27   |
| 13 DRA                     | Year 13 NCEA Drama   | 14 credits from Level 2 Drama including 2.1 or 2.2 and 2.6 or by successful interview/audition with the Director of Drama.   | 28   |

## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



# ART & DESIGN DEPARTMENT SENIOR PATHWAYS



## YEAR 10 VISUAL ART

## 10 ART

**Entry Requirements:** Satisfactory completion of the Year 9 Art course, or at the discretion of the Director. Students are required to purchase and maintain a basic set of art materials.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>4</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 4</b> |

**Course Description:** Drawing, painting and sculpture form the basis of the course. Students will gain an understanding of the methods and processes by which art works are made.

**Assessment:** Continual assessment on assignment work.

## YEAR 11 VISUAL ART

## 11 ART

**Entry Requirements:** Satisfactory completion of the Year 10 Art course (minimum of A4 for all standards), or at the discretion of the Director. New Students must be approved by the Director. Students are required to purchase and maintain a basic set of art materials.

| CREDITS AVAILABLE                        |  |                                  | LEVEL 1 <input type="radio"/> |
|--|--|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>10</b> | External Achievement Standards <b>12</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 22</b>       |

**Course Description:** The course is assessed using three achievement standards. They cover:

- Using drawing methods.
- Developing ideas in two disciplines.
- Producing a body of artwork (Folio).

Students produce artwork, submitted in an A3 clearfile, for internal assessment, and on folio boards for external assessment. Throughout the year students will work with a wide range of media, styles and techniques to improve their skills and develop their ideas into original artworks.

**Leads to:** 12 APA, 12 APD, 12 APO

## YEAR 11 CONTEMPORARY ART / DESIGN

## 11 ACD

**Entry Requirements:** Satisfactory completion of the Year 10 Art course (minimum of A4 for all standards) or at the discretion of the Director. New students must be approved by the Director. Students are required to purchase and maintain a basic set of art materials including an A3 clear file folder.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 <input type="radio"/> |
|--|---|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>18</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 18</b>       |

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

**Course Description:** The course is assessed using four achievement standards. They cover:

- Researching selected 'street' artists' techniques, methods and ideas.
- Completing a series of drawings, using ideas from several artists.
- Designing your own personal emblem (symbol, motif or 'bomb') using Photoshop or Illustrator and extending this design into printmaking (Woodcut).
- Creating your own 'piece' of street art to incorporate in a large scale artwork, using paint, spray paint, stencil, collage/paste up.

**Leads to:** 12 APD

## YEAR 12 VISUAL ART PAINTING

**12 APA**

**Entry Requirements:** 18 credits in Level 1 Visual Art or at the discretion of the Director.

| CREDITS AVAILABLE              |   |                                |    | LEVEL 2                 | <input type="radio"/> |               |    |
|--------------------------------|---|--------------------------------|----|-------------------------|-----------------------|---------------|----|
| Internal Achievement Standards | 8 | External Achievement Standards | 12 | Internal Unit Standards | 0                     | Total Credits | 20 |

**Course Description:** The course is assessed using three achievement standards. They cover:

- Using drawing methods to apply knowledge of conventions appropriate to Painting.
- Generating and developing ideas using drawing processes and procedures in Painting.
- Producing a body of work within painting to show understanding of art making conventions.

Students work through a series of practical assignments that aim to develop their observation, media, compositional, technical and stylistic skills.

**Leads to:** 13 APA and/or 13 APD

## YEAR 12 VISUAL ART DESIGN

**12 APD**

**Entry Requirements:** 18 credits in Level 1 Visual Art or at the discretion of the Director.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 12 | External Achievement Standards | 12      | Internal Unit Standards | 0 | Total Credits | 24 |

**Course Description:** This course is assessed using four achievement standards. They cover:

- Understanding of methods and ideas from established design practice.
- Using drawing methods to apply knowledge of conventions appropriate to design.
- Generating and developing ideas using drawing processes and procedures appropriate to design.
- Producing a body of work within Design to show understanding or art making conventions.

Students work through a series of practical assignments that aim to develop their observation, media, compositional, technical and stylistic skills.

**Leads to:** 13 APD and/or 13 APO

## YEAR 12 VISUAL ART PHOTOGRAPHY

**12 APO**

**Entry Requirements:** 18 credits in Level 1 Visual Art or at the discretion of the Director.

| CREDITS AVAILABLE              |  |    |                                |  | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|--|----|--------------------------------|--|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards |  | 12 | External Achievement Standards |  | 12      | Internal Unit Standards | 0 | Total Credits | 24 |

**Course Description:** This course is assessed using four achievement standards. They cover:

- Understanding of methods and ideas from established photographic practice.
- Using drawing methods to apply knowledge of conventions appropriate to photography.
- Generating and developing ideas using drawing processes and procedures appropriate to photography.
- Producing a body of work within Photography to show understanding or art making conventions.

Students work through a series of practical assignments that aim to develop their observation, media, compositional, technical and stylistic skills.

**Leads to:** 13 APO and/or 13 APD

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

# YEAR 13 VISUAL ART DESIGN

13 APD

**Entry Requirements:** 13 APD - 20 credits in Level 2 Art Design, or Level 2 Photography.

| CREDITS AVAILABLE              |   |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 8 | External Achievement Standards | 14      | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Students work through a series of practical assignments that aim to develop their observation, media, composition and stylistic skills. They explore a wide range of ideas before selecting their own design brief and course of study. Students work toward the completion of a portfolio which aims to develop their skills and ideas based upon contemporary practice.

This course is assessed using three achievement standards. They cover:

- using drawing to demonstrate understanding of conventions.
- clarifying ideas using drawing.
- producing a body of work within Design. (Folio)

**Leads to:** Tertiary study in Visual Arts/Architecture/Design.

# YEAR 13 VISUAL ART PAINTING

13 APA

**Entry Requirements:** 13 APA - 20 credits at Merit level in Level 2 Art Painting.

| CREDITS AVAILABLE              |   |                                |    | LEVEL 3                 | ● |               |    |
|--------------------------------|---|--------------------------------|----|-------------------------|---|---------------|----|
| Internal Achievement Standards | 8 | External Achievement Standards | 14 | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Students work through a series of practical assignments that aim to develop their observation, media, composition and stylistic skills. They explore a wide range of ideas before selecting their own painting theme and course of study. Students work toward the completion of a portfolio which aims to develop their skills and ideas based upon contemporary practice.

This course is assessed using three achievement standards. They cover:

- using drawing to demonstrate understanding of conventions.
- clarifying ideas using drawing.
- producing a body of work within Painting. (Folio)

**Leads to:** Tertiary study in Visual Arts/Architecture/Design.

# YEAR 13 VISUAL ART PHOTOGRAPHY

13 APO

**Entry Requirements:** 20 credits in Level 2 Visual Art Photography. Design students will be considered at the discretion of the Director.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 12 | External Achievement Standards | 14      | Internal Unit Standards | 0 | Total Credits | 26 |

**Course Description:** Students work through a number of artist model-based assignments that aim to heighten perceptual ability while extending and refining skills learnt in Year 12 Photography. Students work toward the completion of a portfolio which aims to explore an individually selected theme creatively through the application of particular styles of working.

This course is assessed using four achievement standards. They cover:

- Producing a resolved work within a Visual Art cultural context.
- Using drawing conventions to demonstrate understanding of conventions.
- Clarifying ideas using drawing.
- Producing a body of work within Photography. (portfolio)

**Leads to:** Tertiary study in Visual Arts.

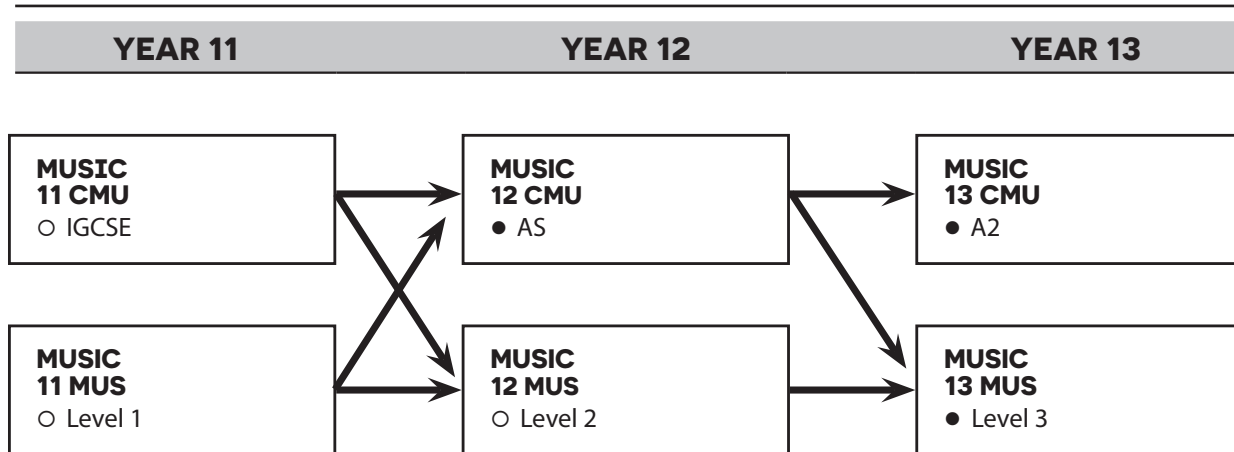
## CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

## ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# MUSIC DEPARTMENT SENIOR PATHWAYS



## YEAR 10 MUSIC

## 10 MUS

| CREDITS AVAILABLE              |  |   |                                | LEVEL 1 |   |                         |  |   |               |  |   |
|--------------------------------|--|---|--------------------------------|---------|---|-------------------------|--|---|---------------|--|---|
| Internal Achievement Standards |  | 4 | External Achievement Standards |         | 0 | Internal Unit Standards |  | 0 | Total Credits |  | 4 |

10MUS caters for students with interests in a wide variety of musical styles and instruments as the course encompasses music from the Classical periods as well as jazz and popular music styles. Students will complete the Music Technology Level 1 standard US27656 Demonstrate and apply introductory knowledge of music technology equipment and techniques (4 credits).

**Entry Requirements:** Satisfactory performance in 9MUS or at the Director's discretion and all students must be learning an instrument in school or privately. Musicals and New Zealand Music will be assessed as assignments. There will be an exam at the end of the year assessing theory and aural skills. Solo and Group performance will be assessed practically. Composition will be assessed as a group or individual assignment. Music Technology will be assessed with two practical assignments on Midi software, (Garageband or Mixcraft) Notation Software (Sibelius) and an in-class test.

**Students are marked on eight units of work:**

- 1) Solo Performance (3)
- 2) Group Performance (3)
- 3) Composition (4)
- 4) Musicals (1)
- 5) New Zealand Music History (1)
- 6) Music Theory (3)
- 7) Aural Skills (2)
- 8) Music Technology (3)

**Leads to:** 11MUS, 11CMU

## SENIOR MUSIC

There are two music courses offered at year 11 level; NCEA Music and CAIE Music. Performance is an important aspect of all courses and students may perform on any appropriate instrument including voice.

A range of musical styles will be covered in the NCEA course including elements of rock, jazz and classical styles, whereas CAIE will focus mainly on classical and world music.

CAIE Music is primarily aimed at classical music students wanting an academically focused music course, and balances well for students taking all CAIE subjects. NCEA Music is a balanced course aimed at students who are thinking of taking music study at university level in performance, composition or music processing.

All students must be learning an instrument either through our itinerant music lesson program or through private lessons. Students not attending their lessons will risk losing their place and therefore may not be able to continue their senior music course the following year.

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



## YEAR 11 MUSIC (IGCSE)

11 CMU ○

**Entry Requirements:** Students must have learnt an instrument for at least two years and be prepared to continue with lessons. Written confirmation will be required from the music teachers of students who are learning instruments outside the College.

**Course Description:** Students will listen to, perform and compose music. Areas of study include Western Art Music and World Music.

### Course Outline

#### Listening (40%)

- Identifying and commenting on a range of music from cultures in different countries
- Knowledge and understanding of one Western Prescribed Work and one Prescribed Focus from a non-Western culture
- Aural awareness, perception and discrimination in relation to Western music of the baroque, classical, romantic and 20th Century periods

#### Performing (30%)

- Technical competence on one or more instruments
- Interpretative understanding of the music performed

#### Composing (30%)

- Discrimination and imagination in free composition
- Notation, using staff notation and, if appropriate, other suitable systems
- Candidates also learn to recognise and describe:
- Rudiments, melody and rhythm, harmony, primary chords, ensembles and instruments/voices, orchestras, instrumental and/or vocal effects, compositional devices, texture, style, and genre

**Assessment:** Listening is assessed in an external examination. Performing and Composing are assessed internally and moderated by CAIE.

**Leads to:** AS Music or 12MUS

## YEAR 12 MUSIC (AS)

12 CMU ●

**Entry Requirements:** Satisfactory progress in 11CMU, 11 MUS or Director approval.

**Course Description:** The AS course is broken into 2 components.

Component 1 is assessed externally in the end of year exam session. Students will listen and respond to music of the Western tradition. The component focuses on three different areas:

- 1) The First Viennese School
- 2) Picturing Music
- 3) General response to music including that taken from the students' own musical experience. Component 2 is coursework. Students select 2 out of 4 elements to complete.

Element 1 - Performance of a representative selection of music in a programme of 6 to 10 minutes

Element 2 - Performance throughout the course in two or more of the following:

- Main instrument in ensemble (unless already presented in an ensemble in Element 1); this may include participation in an orchestra or choir
- Second instrument, solo or in ensemble (must be different from any instrument used in Element 1)
- Accompanying, on main or other appropriate instrument
- Improvisation, solo or in ensemble

Element 3 - A set of 6 to 8 progressive composing exercises

Element 4 - Two contrasting compositions

### Assessment:

External exam: 50%

Coursework: 50% - 25% for each of the candidate's chosen elements. Assessed internally and moderated by CAIE.

**Leads to:** A2 Music or 13MUS

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### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 13 MUSIC (A2)

13 CMU •

**Entry Requirements:** Satisfactory progress in 12CMU.

**Course Description:** Students choose 2 out of 3 available components.

### Component 3 – Performing

Candidates will be required to perform music that reflects a single focus from any tradition on any instrument (or voice). The programme should be performed on a single occasion and must be introduced by the candidate, orally, giving a brief explanation how individual items reflect the focus.

### Component 4 – Composing

A single composition (or a group of shorter related pieces conceived as a whole) for any instrument, voice or combination, lasting between 8 and 12 minutes.

### Component 5 – Investigation and Report

The topic for investigation must have a clearly-discernible link with Performing (Component 3) or Composing (Component 4) which the candidate is submitting for assessment at the same time. The core findings of the candidate's investigation must be supported by an accompanying cassette/CD of recorded examples, carefully chosen and explained.

**Assessment:** Each Component contributes 25% of the A level final grade. Components 1 and 2 from 12CMU make up the remainder of the full A level.

**Leads to:** Tertiary level study in classical and jazz music disciplines, performance, composition or musicology.

## YEAR 11 MUSIC

11 MUS

**Entry Requirements:** Satisfactory performance in 10MUS or with Director's approval. Students must have learnt a musical instrument or voice for at least three years, either through the itinerant programme or privately, and be prepared to continue lessons. If learning privately, confirmation from the tutor will be required. Any style of music performance is acceptable, eg jazz, rock, classical etc. Students will take the Level 2 Music Technology Standard and there is an optional external standard for those wishing to gain a subject endorsement.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1                    |
|--|---|----------------------------------|----------------------------|
| Internal Achievement Standards <b>22</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>4</b> | <input type="radio"/>      |
|  |   |                                  | <b>Total Credits 26-30</b> |

**Course Description:** Students complete four achievement standards and one unit standard.

- 1) Solo Performance AS (6)
- 2) Group Performance AS (4)
- 3) Composition AS (6)
- 4) Music Works AS (6)
- 5) Music Technology - Midi and Notation software US (4) LEVEL 2
- 6) Score Reading (4) External

**Leads to** 12MUS and 12CMU

## YEAR 12 MUSIC

12 MUS

**Entry Requirements:** Satisfactory performance in 11MUS or 11CMU or with Director's approval. Students must have learnt a musical instrument or voice for at least three years, either through the itinerant programme or privately, and be prepared to continue lessons. If learning privately, confirmation from the tutor will be required. Any style of music performance is acceptable, eg jazz, rock, classical etc. Students will take the Level 3 Music Technology Standard and there is an optional external standard for those wishing to gain a subject endorsement. They will also choose between solo or group performance.

| CREDITS AVAILABLE                           |   |                                  | LEVEL 2                    |
|---|---|----------------------------------|----------------------------|
| Internal Achievement Standards <b>18-20</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>4</b> | <input type="radio"/>      |
|   |   |                                  | <b>Total Credits 22-28</b> |

**Course Description:** Students complete five achievement standards and one unit standard.

- 1a) Solo Performance AS (6) or:
- 1b) Group Performance AS (4)
- 2) Composition AS (6)
- 3) Investigate an aspect of NZ Music AS (4)
- 4) Instrumentation AS (4)
- 5) Performing Arts Technology - PA systems US (4)
- 6) Aural Skills AS (4) External

**Leads to:** 13MUS

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

# YEAR 13 MUSIC

# 13 MUS

**Entry Requirements:** Satisfactory performance in 12MUS or 12CMU or with Director's approval. Students must have learnt a musical instrument or voice for at least four years, either through the itinerant programme or privately, and be prepared to continue lessons. If learning privately, confirmation from the tutor will be required. Any style of music performance is acceptable, eg jazz, rock, classical etc.

Students select standards from those on offer under the supervision of the teacher to build a course suited to their needs and skills. An external standard can be added if a student wishes to gain endorsement.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |    |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards | 42 | External Achievement Standards | 0       | Internal Unit Standards | 14 | Total Credits | 56 |

**Course Description:** Students will select a course from the standards below with a minimum of 18-22 credits.

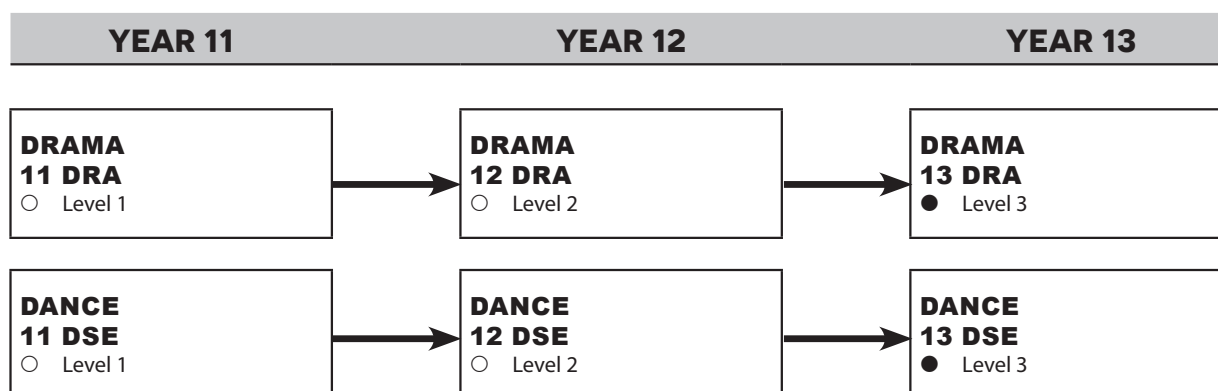
Once selected standards are completed students will have the option of completing more to increase their rankscore.

**Standards included in this course are:**

- 1) Solo performance AS (8)
- 2) Group Performance AS (4)
- 3) Performance on a second instrument AS (4)
- 4) Composition AS (8)
- 5) Arranging AS (4)
- 6) Research Topic AS (6 reading credits)
- 7) Performing Arts Technology US (6)
- 8) Music Sequencing and Notation software US (8)
- 9) Songwriting (8)

**Leads to:** Music related tertiary study (i.e.MAINZ or SAE) or practical/theoretical music study (University)

## PERFORMING ARTS DEPARTMENT SENIOR PATHWAYS



# YEAR 10 DANCE

# 10 DSE

**Entry Requirements:** Satisfactory completion of the Year 9 Dance course or by successful interview/audition with Director of Dance.

| CREDITS AVAILABLE              |   |                                | LEVEL 1 |                         |   |               |   |
|--------------------------------|---|--------------------------------|---------|-------------------------|---|---------------|---|
| Internal Achievement Standards | 4 | External Achievement Standards | 0       | Internal Unit Standards | 4 | Total Credits | 4 |

**Course Description:** The content of this course is designed to fulfil the four Dance strands as stated in the Dance section of the New Zealand Arts Curriculum. These are:

- Developing practical knowledge in Dance
- Developing ideas in Dance
- Communicating and interpreting Dance
- Understanding Dance in context

The course will cover basic aspects of space, time and dynamics, dance technique and performance skills. The emphasis is on composition and you will learn tools for creating your own dances.

**Assessment:** Each term you will be assessed on the set units of work. There will be written work associated with each unit, and this will be completed in your journal as homework.

**Leads to:** The course is a foundation for the NCEA Dance programmes offered at Years 11, 12 and 13.

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 11 DANCE

**11 DSE**

**Entry Requirements:** Satisfactory completion of Year 10 Dance or by audition with the Director of Dance.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 16 | External Achievement Standards | 8       | Internal Unit Standards | 0 | Total Credits | 24 |

**Course Description:** Students must be aware that this course is largely practical and they will be required to take an active part in all dance lessons. Suitable dance clothing is required at each lesson.

Presentation of work to an invited audience is part of the course. Students will be required to attend some lunchtime rehearsals and take part in an evening performance in term four.

The five achievement standards cover dance techniques, dance elements, dance composition, performance work, dance interpretation and knowledge of dance styles. Students will keep a journal for recording and reflecting on the course work.

Three achievement standards will be internally assessed and two achievement standards will be externally assessed. There will be a 1.5 hour written examination both at the half year and the end of year. The written examination will assist students to prepare for the external written achievement standards.

**Leads to:** 12 DSE

## YEAR 12 DANCE

**12 DSE**

**Entry Requirements:** 16 credits in NCEA Level 1 and must include 12 internal credits, or by interview/audition with the Director of Dance.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 18 | External Achievement Standards | 4       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Students must be aware that the presentation of work to an invited audience is part of the course. They will be required to attend some lunch time rehearsals, after school dress rehearsals and evening performances in term 4.

The achievement standards cover choreographing a dance for performance – both group and individual, performance work, reviewing dance and studying a dance genre.

**Leads to:** 13 DSE

## YEAR 13 DANCE

**13 DSE**

**Entry Requirements:** 16 credits in NCEA Level 2 and must include 12 internal credits, or by successful interview/audition with the Director of Dance.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 18 | External Achievement Standards | 4       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Students must be aware that the presentation of work to an invited audience is part of the course. They will be required to attend some lunchtime rehearsals, after school dress rehearsals and evening performances in term four. The achievement standards cover choreographing a dance for performance, performance work, reviewing dance and dance studies in a New Zealand context. Students will keep a journal for recording and reflecting on the course.

There will be a 1.5 hour written examination both at the half year and the end of year. The written examination will help prepare students for the external written achievement standards. Suitable dance clothing must be brought to each lesson.

**Leads to:** Tertiary study and/or practical dance involvement in the community.

### FULL COURSES

- ☐ A full academic course preparing students comprehensively for study at the next level in the subject.
- ☒ A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

## YEAR 10 DRAMA

## 10 DRA

**Entry Requirements:** A satisfactory completion of the Year 9 drama course or by successful interview/audition with the Director of Drama.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>4</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 4</b> |

**Course Description:** The content of this course is designed to fulfil the four drama strands as stated in the drama section of the New Zealand Arts Curriculum. These are:

- Developing practical knowledge in drama
- Developing ideas in drama
- Communicating and interpreting drama
- Understanding drama in context

**During the year you will study the following:**

- Exploration of drama elements and conventions, leading to the development and presentation of a devised drama.
- The study of Elizabethan drama leading to a presentation of a Shakespearian extract.
- Exploration of drama techniques, leading to the interpretation and presentation of a given script.
- Demonstrate understanding of a significant play.

**Assessment:** Each term you will be assessed on the set unit of work based on one of the four drama strands. There will be written work associated with each unit, and this will be completed in your journal as homework. At the end of the year, there will be a written examination.

**Leads to:** The course is a foundation for the NCEA Drama programmes offered at Years 11, 12 and 13.

## YEAR 11 DRAMA

## 11 DRA

**Entry Requirements:** Satisfactory completion of Year 10 Drama or by successful interview/audition with the Director of Drama.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 <input type="radio"/> |
|--|---|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>18</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 22</b>       |

**Course Description:** Students must be aware that presentation of work to an invited audience is part of the course. They will be required to attend some lunchtime rehearsals during the year, an after-school dress rehearsal and an evening performance in term four. The five achievement standards cover drama techniques, drama elements and conventions, devised drama, theatre study and performance. Students will keep a journal for recording and reflecting on the course work.

Four achievement standards will be internally assessed and one achievement standard will be externally assessed. There will be a written examination both at the half year and end of year to help prepare students for the externally assessed achievement standard.

The external standard (worth 4 credits) is based on the review of a live performance and students will be given the opportunity to view professional productions.

**Leads to:** 12 DRA

## YEAR 12 DRAMA

## 12 DRA

**Entry Requirements:** 13 credits in NCEA Level 1 including 1.1 or 1.2, and 1.4 & 1.6, or by successful interview/audition with the Director of Drama.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 2 <input type="radio"/> |
|--|---|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>18</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 22</b>       |

**Course Description:** Students must be aware that presentation of work to an invited audience is part of the course. They will be required to attend some lunchtime rehearsals during the year, after-school dress rehearsals and evening performances in terms one and three.

The five achievement standards cover drama techniques, drama elements and conventions, devised drama, scripted drama, theatre study, performing an acting role and review and evaluation of drama. Students will keep a journal for recording and reflecting on the course work.

Four achievement standards will be internally assessed and one achievement standard will be externally assessed. There will be a written examination both at the half year and end of year to help prepare students for the externally assessed achievement standard.

The external standard (worth 4 credits) is based on a live performance and students will be given the opportunity to view professional productions.

**Leads to:** 13 DRA

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

**Entry Requirements:** 13 credits in NCEA Level 2 from 2.1 or 2.2 and 2.4 and 2.6 or by successful interview/audition with the Director of Drama.

| CREDITS AVAILABLE              |    |                                |   | LEVEL 3                 | ● |               |    |
|--------------------------------|----|--------------------------------|---|-------------------------|---|---------------|----|
| Internal Achievement Standards | 16 | External Achievement Standards | 8 | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Students must be aware that presentation of work to an invited audience is part of the course. They will be required to attend some lunchtime rehearsals during the year, after-school dress rehearsals and evening performances in terms one and two.

The five achievement standards cover drama techniques, drama elements and conventions, devised drama, scripted drama, theatre study, performing an acting role and review and evaluation of drama. Students will keep a journal for recording and reflecting on the course work.

Three achievement standards will be internally assessed and two achievement standards will be externally assessed. There will be a written examination both at the half year and end of year to help prepare students for the externally assessed achievement standards. Students will be given the opportunity to view professional productions.

Scholarship Drama is available for students who meet the entry criteria as specified by the Director of Drama.

**Leads to:** Tertiary study and/or practical drama involvement in the community.

## COMMERCE LEARNING AREA

### Commerce Pathway Chart

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| COURSE |  | ENTRY REQUIREMENTS  | PAGE |
|--------|--|---|------|
| 10 BUS | Year 10 Business Studies                 | Preparation for IGCSE ACC, BUS and Level 1 NCEA ECO, ACC. No restrictions.  | 30   |
| 11 CAC | Year 11 CAIE IGCSE Accounting            | Grade 'M' or higher in Year 10 Mathematics or at the Director's discretion.   | 30   |
| 12 CAC | Year 12 Cambridge AS Accounting          | IGCSE Grade 'C' or above in a suitable subject, or at the Director's discretion if below 'C'.   | 30   |
| 13 CAC | Year 13 Cambridge A2 Accounting          | AS Grade 'D' or above in Accounting is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).       | 31   |
| 11 CBS | Year 11 Cambridge IGCSE Business Studies | Satisfactory completion of Year 10 BUS and A4 grade or higher in English.   | 31   |
| 12 CBS | Year 12 Cambridge AS Business Studies    | IGCSE Grade 'C' or above in a suitable subject, or at the Director's discretion if below 'C'.   | 32   |
| 13 CBS | Year 13 Cambridge A2 Business Studies    | AS Grade 'D' or above in Business Studies is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject). | 32   |
| 11 ACC | Year 11 NCEA Accounting                  | Grade 'A4' or higher in Year 10 Mathematics or at the Director's discretion.  | 32   |
| 12 ACC | Year 12 NCEA Accounting                  | 12 credits in Level 1 ACC, or at the Director's discretion.   | 33   |
| 13 ACC | Year 13 NCEA Accounting                  | 12 credits in Level 2 ACC, or at the Director's discretion.   | 33   |

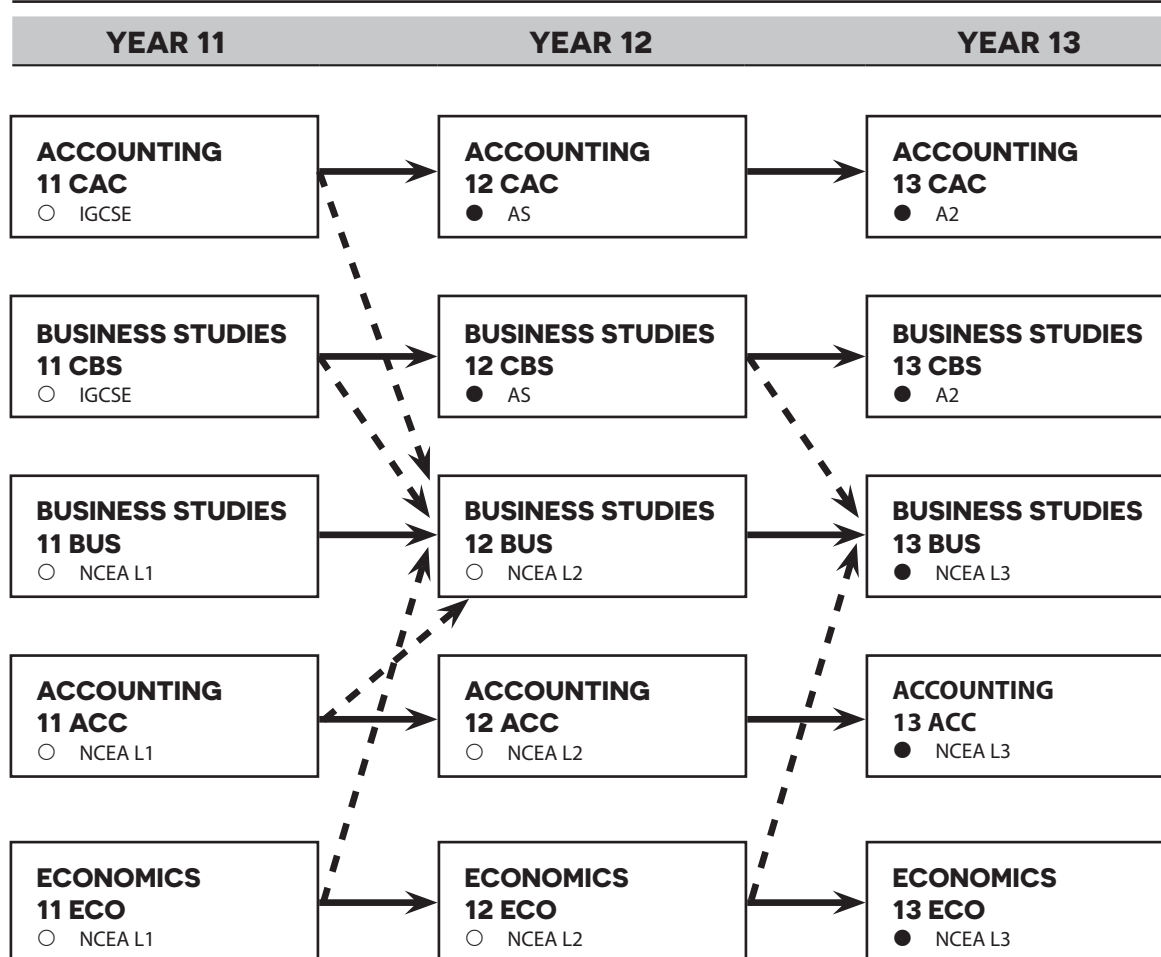
### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



|        |                               |   |    |
|--------|-------------------------------|---|----|
| 11 ECO | Year 11 NCEA Economics        | A4 grade or higher in Year 10 Mathematics or English or at the Director's discretion. | 33 |
| 12 ECO | Year 12 NCEA Economics        | Level 1 NCEA or 12 credits in Level 1 Economics or at the Director's discretion.      | 34 |
| 13 ECO | Year 13 NCEA Economics        | 12 credits in Level 2 Economics or at Director's discretion.                          | 34 |
| 11 BUS | Year 11 NCEA Business Studies | Satisfactory completion of Year 10.   | 34 |
| 12 BUS | Year 12 NCEA Business Studies | 11BUS Level 1, 14 credits or higher.  | 35 |
| 13 BUS | Year 13 NCEA Business Studies | Credits from Business Studies Level 2, or at the Director's discretion.               | 35 |

## COMMERCE DEPARTMENT SENIOR PATHWAYS



### CORE COURSES

- A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- △ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# YEAR 10 BUSINESS STUDIES

10 BUS

**Entry Requirements:** Open Entry.

| CREDITS AVAILABLE              |   |                                | LEVEL 1                |
|--------------------------------|---|--------------------------------|------------------------|
| Internal Achievement Standards | 4 | External Achievement Standards | 0                      |
|                                |   | Internal Unit Standards        | 0                      |
|                                |   |                                | <b>Total Credits</b> 4 |

**Course Description:** This course covers areas which will give students a great introduction to Commerce courses that can be taken at the senior school including Accounting, Economics and Business Studies at the Cambridge IGCSE and NCEA levels. The course aims to give students an introduction to the business world and provide practical information, which they can use when they leave school irrespective of what vocation they choose

Three modules will be covered, covering Accounting, Business Studies and Economics.

- **Accounting** - It begins by developing a students' awareness for the need for financial information. It will then move into the recording, processing and interpreting of accounting information.
- **Economics** - The course focuses on the interaction between consumers and producers in the marketplace. It also looks at the theory involved in decision making and budgeting.
- **Business Studies** - The primary emphasis is on how businesses are developed and operate. Students also cover some main issues such as marketing, business organization, success and failure and human resources.

**Assessment:** Each component of the course will be assessed by an assignment as well as common tests. There will be a 2 hour exam at the end of the year.

**Leads to:** This course leads to Accounting, Economics and Business Studies in the senior school (NCEA or CAIE).

# YEAR 11 ACCOUNTING (IGCSE)

11 CAC ○

**Entry Requirements:** Grade 'M' or higher in Year 10 Mathematics or at the Director's discretion.

**Course Description:** This course is aimed at the able Year 11 student. Students will develop an understanding of the principles, policies, procedures, terminology and techniques used in Accounting. It will help a student to develop skills of numeracy, literacy, presentation, interpretation, enquiry and communication. The course is divided into seven topics, both Core and Extended curriculum.

- The Purpose and Functions of Accounting
- Accounting Policies and Principles
- Sources and Recording of Data
- Verification of Accounting Records
- Adjustments required for Final Accounts
- Preparation and Principles of Final Accounts
- Analysis and Interpretation

**Assessment:** Students must sit two examination papers:

**Paper 1** – Structured question paper with 8-12 multiple choice items and short answer questions. Paper 1 will usually consist of between 4-5 questions drawn from topics across the whole of the syllabus. All questions are compulsory and will mainly test knowledge and understanding, with some analysis and evaluation. Candidates answer on the question paper.

**Paper 2** – Structured question paper. Paper 2 will usually consist of 4-6 questions drawn from topics across the whole of the syllabus. All questions are compulsory and will test knowledge and understanding, but with an emphasis on analysis and evaluation. Candidates answer on the question paper.

**Leads to:** AS Accounting or 12 ACC

# YEAR 12 ACCOUNTING (AS)

12 CAC ●

**Entry Requirements:** IGCSE Grade 'C' or above in a suitable subject is recommended, or at Director's discretion if below 'C'. 2018 NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal who will consult the Director.

**Course Description:** The course enables students to

- develop an ability to apply accounting concepts, principles and practices;
- understand the role of accounting as an information system for monitoring, problem solving and decision making and the place of accounting in changing economic, social and technological environments;
- develop a critical and analytical approach to examining and evaluating accounting policies and practices;
- develop skills of communication, analysis, interpretation and presentation of both qualitative and quantitative accounting information.

The course is divided into four themes with a number of topics within each theme.

The Accounting System

## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

Financial Accounting  
Financial Reporting and Interpretation  
Elements of Managerial Accounting

**Assessment:** Students are assessed with two external exams

**Leads to:** A Level Accounting

## YEAR 13 ACCOUNTING (A2)

**13 CAC ●**

**Entry Requirements:** AS Grade 'D' or above in Accounting is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).

**Course Description:** Cambridge A Level Accounting is accepted by universities and employers as proof of an understanding of the main principles of accounting. Successful A and AS Level candidates gain life long skills, including:

- An ability to apply accounting concepts, principles and practices
- An understanding of the role of accounting as an information system for monitoring, problem-solving and decision making and the place of accounting in changing economic, social and technological environments
- An ability to examine and evaluate accounting policies and practices critically and analytically
- Improved skills of communication, analysis, interpretation and presentation of both qualitative and quantitative accounting information.

### **The Accounting System**

- a) recording financial information
- b) accounting principles
- c) control systems

### **Financial Accounting**

- d) preparation of financial information
- e) capital (equity)
- f) business purchase
- g) published company accounts

### **Financial Reporting and Interpretation**

- h) interpretation and analysis
- i) company financing

### **Elements of Managerial Accounting**

- j) costing principles and systems
- k) budgeting
- l) standard costing
- m) investment appraisal

**Assessment:** Students are assessed with two external examinations.

## YEAR 11 BUSINESS STUDIES (IGCSE)

**11 CBS ○**

**Entry Requirements:** Satisfactory completion of Year 10 BUS and A4 grade or higher in English.

**Course Description:** The Business Studies course covers five areas:

- Business and the environment in which businesses operate
- Business structure, organisation and control
- Business activities that achieve objectives set for Marketing, Production and Finance
- People in Business - such as management and motivational styles, recruitment, dismissal and redundancy
- Regulating and controlling business activities

The course draws upon business practice at the local, national and global levels and is taught through a blend of theory and the application of case studies. Students are asked to learn concepts and apply their learnt knowledge to solve problems encountered by businesses often in an imaginative and creative manner.

Students wishing to undertake the course should have a high degree of competence in Mathematics and have strong problem solving skills. This is due to the significant amount of essay style questions and given case studies; concepts such as ratio and break-even analysis, financial ratios, cash flow forecasts, exchange rates, presentation and interpretation of data are integral parts of the examinations.

**Assessment:** Is covered in 2 examination papers

**Exam Paper 1** - A paper containing short-answer questions and structured/data response questions.

**Exam Paper 2** - Candidates will be presented with a business situation or problem, and required to answer questions arising from it.

**Leads to:** AS Business Studies or Level 2 NCEA Business Studies.

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### **CORE COURSES**

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### **ENTRY COURSES**

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 12 BUSINESS STUDIES (AS)

12 CBS ●

**Entry Requirements:** IGCSE Grade 'C' or above in a suitable subject is recommended, or at Director's discretion if below 'C'.

**Course Description:** The AS Business Studies course covers seven broad integrated topics of study:

- Business and the Environment – including the nature and need for businesses, economic structure of business, Business strategy, corporate culture and strategy
- People and Organisations – including the need for and nature of organisational structure, motivation, leadership and management
- Marketing – including the role of marketing, product portfolio planning, the Marketing Mix
- Operational Management – including the nature and organisation of production, operational efficiency, quality control and assurance
- Business Finance – including the need for business accounts, what the published accounts contain, analysis of published accounts, investment appraisal, managing cash flows
- Information for Decision-making – including sources and reliability of information, collection of information, presentation of information, data analysis and evaluation

**Assessment:** Students are assessed with two external exams

**Leads to:** A Level Business Studies or Level 3 NCEA Business Studies.

## YEAR 13 BUSINESS STUDIES (A2)

13 CBS ●

**Entry Requirements:** AS Grade 'D' or above in Business Studies is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).

**Course Description:** The Business Studies syllabus enables candidates to understand and appreciate the nature and scope of business, and the role business plays in society.

The syllabus covers economic, environmental, ethical, governmental, legal, social and technological issues, and encourages a critical understanding of organisations, the markets they serve and the process of adding value. Candidates examine the management of organisations and, in particular, the process of decision-making in the context of a dynamic external environment.

The syllabus is intended to encourage candidates to:

- 1) understand and appreciate the nature and scope of business, and the role of business in society.
- 2) develop critical understanding of organisations, the markets they serve and the process of adding value. This should involve consideration of the internal workings and management of organisations and, in particular, the process of decision making in a dynamic external environment.
- 3) be aware that business behaviour can be studied from the perspective of a range of stakeholders including customer, manager, creditor, owner/shareholder and employee.
- 4) be aware of the economic, environmental, ethical, governmental, legal, social and technological issues associated with business activity.
- 5) develop skills in:
  - Decision-making and problem solving in the light of evaluation;
  - The quantification and management of information, where appropriate;
  - Effective communication.

The emphasis should be on the application of concepts and issues to the local context (i.e. the candidate's own country), where appropriate.

**Assessment:** Students are assessed with one 3 hour external exam.

## YEAR 11 ACCOUNTING

11 ACC

**Entry Requirements:** Grade 'M' or higher in Year 10 Mathematics and English or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 16 | External Achievement Standards | 5       | Internal Unit Standards | 0 | Total Credits | 21 |

**Course Description:** This course gives an introduction to the practical application of accounts for New Zealand businesses. Students have the opportunity to gain NCEA credits through internal and external assessments. Students who gain excellence in 3 external exams can go straight to level 3 Accounting.

The aim of the course is to:

- Give students knowledge of accounting, its purpose, its function and place within human activities and how it may serve individuals.
- Develop students' skills and understanding in accounting.

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

- Enable students to apply their knowledge, understanding and skills to a wide range of situations.  
Over the year students will learn to process financial data, prepare financial reports which meet user needs, analysis and interpret financial reports, make informed decisions, and develop business skills within the context of individuals, community organisations and businesses. (NZIAS are applied in this course)

**Assessment:** It will be assessed through a combination of internally assessed and externally examined NCEA Level 1 Achievement Standards.

**Leads to:** 12 ACC

## YEAR 12 ACCOUNTING

**12 ACC**

**Entry Requirements:** 12 Level 1 Accounting credits, including a minimum of achievement in one external paper and achievement in Level 1 English, or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 9       | Internal Unit Standards | 0 | Total Credits | 23 |

**Course Description:** NCEA Level 2 Accounting provides students with the practical application of processes as well as the opportunity to research a real world business's systems.

Over the year students learn to process accounting data into meaningful information; develop a knowledge and understanding of the systems and controls required to ensure financial data is accurate; process accounting data using a commercial accounting software package; prepare financial reports which meet user needs, analyse and interpret financial reports, and make informed decisions based on financial and non-financial information. (NZIAS are applied in this course).

**Assessment:** The course is assessed through a combination of internally assessed and externally examined NCEA Level 2 Achievement Standards.

**Leads to:** 13 ACC

## YEAR 13 ACCOUNTING

**13 ACC**

**Entry Requirements:** 12 Level 2 Accounting credits, including a minimum of one achievement in one external paper in L2 Accounting and Achievement in Level 2 English.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 13 | External Achievement Standards | 9       | Internal Unit Standards | 4 | Total Credits | 26 |

**Course Description:** The course promotes knowledge and understanding of accounting as a financial language for partnerships and companies which may be service, trading or manufacturing businesses as well as apply financial knowledge and skills to practical situations.

Over the year students will expand the processing of accounting data as it relates to partnerships and companies; prepare financial reports using NZIAS which meet user needs and professional and legal requirements; analyse and interpret financial reports for New Zealand companies listed on the stock exchange; as well as develop skills used by management for costing.

**Assessment:** It will be assessed through a combination of internally assessed and externally examined NCEA Level 3 Achievement and Unit Standards. NB. Unit standard credits do not count towards University Entrance.

## YEAR 11 ECONOMICS

**11 ECO**

**Entry Requirements:** A grade or higher in Year 10 Mathematics or English or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 12 | External Achievement Standards | 8       | Internal Unit Standards | 3 | Total Credits | 23 |

**Course Description:** The course comprises five Achievement Standards: two internal and three external. The programme covers an introduction to Economics, the basic economic problem, consumer demand, producers, production and resources, producer supply, market interaction and the interdependence between the main sectors of the economy. The course also includes one unit standard internally assessed on financial literacy.

This course is a useful beginning for any student contemplating doing a commerce degree at a tertiary institution. Assessment It will be assessed through a combination of internally assessed and externally examined NCEA Level 1 Achievement Standards.

**Leads to:** 12 ECO

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# YEAR 12 ECONOMICS

**12 ECO**

**Entry Requirements:** 12 credits in Level 1 Economics or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 18 | External Achievement Standards | 4       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** The content of the course is mainly macroeconomic and covers major macroeconomic issues. It focuses on the New Zealand economy as a whole and the major economic issues arising from it. This involves looking at the topics of employment, trade, growth, inflation and equity. A key aim is to improve students' economic literacy so that they can readily understand current issues and make valid contributions to economic debate. Assessment This course is assessed through a combination of internally assessed and externally examined NCEA Level 2 Achievement Standards.

**Leads to:** 13 ECO

# YEAR 13 ECONOMICS

**13 ECO**

**Entry Requirements:** 12 credits in Level 2 Economics or at Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 10 | External Achievement Standards | 10      | Internal Unit Standards | 4 | Total Credits | 24 |

**Course Description:** Economics looks in depth at the working of a market system. Both the micro and macroeconomic theory relating to the New Zealand economy are studied. There are three areas of study covering:

- Resource allocation via a market system
- Allocation of resources via the public sector
- Aggregate economic activity and policy

**Assessment:** It will be assessed through a combination of internally assessed and externally examined NCEA Level 3 Achievement and Unit Standards. NB. Unit standard credits do not count towards University Entrance.

# YEAR 11 BUSINESS STUDIES

**11 BUS**

**Entry Requirements:** Satisfactory completion of Year 10

| CREDITS AVAILABLE              |   |                                |   |                         | LEVEL 1 | <input type="radio"/> |
|--------------------------------|---|--------------------------------|---|-------------------------|---------|-----------------------|
| Internal Achievement Standards | 9 | External Achievement Standards | 8 | Internal Unit Standards | 5       | Total Credits 22      |

**Course Description:** Studying business enables students to appreciate the issues that challenge businesses and stakeholders. In a rapidly changing world, it is important that citizens are able to make informed and rational decisions about business matters.

**Students will gain knowledge, skills and experience to:**

Understanding how, as a result of internal and external factors, small business owners (less than 20 employees) make operational decisions that have consequences for the success of their business. Plan, carry out, and then review a one-off business activity, basing recommendations for the future on market feedback.

Business contributes to the development of a culture of enterprise in New Zealand and supports our efforts to improve economic and community well-being. Business Studies creates opportunities for students to:

- understand the integral role of business in society and the economy
- explore enterprise culture
- develop the key competencies of The New Zealand Curriculum and ngā uara me ngā waiaro/values and attitudes of Te Marautanga o Aotearoa through the fostering of such qualities as initiative, resilience, and resourcefulness and the skills of problem solving, co-operation, decision making, negotiation and communicating.
- gain knowledge and understanding of good business practice and of business as a productive activity
- acquire greater financial capability

Evidence of an enterprising spirit abounds in New Zealand's history and is an aspect of our multicultural national identity. Enterprise and business entrepreneurship are essential to New Zealand's economic future.

**Assessment:** It will be assessed through a combination of internally assessed and externally examined NCEA Level 1 Achievement Standards.

**Leads to:** 12BST

## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



# YEAR 12 BUSINESS STUDIES

# 12 BUS

**Entry Requirements:** Open entry 2019. After 2019, entry requirement Level 1 BUS 14 credits or more.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 15 | External Achievement Standards | 8       | Internal Unit Standards | 0 | Total Credits | 23 |

**Course Description:** Studying business enables students to appreciate the issues that challenge businesses and stakeholders. In a rapidly changing world, it is important that citizens are able to make informed and rational decisions about business matters.

**Students will gain knowledge, skills and experience to:**

Explore how and why large businesses (greater than 20 employees) in New Zealand make operational decisions in response to internal and external factors.

Plan, take to market, review, and then refine a business activity incorporating a community well-being focus, basing recommendations for the future on market feedback.

Business contribute to the development of a culture of enterprise in New Zealand and supports our efforts to improve economic and community well-being. Business Studies creates opportunities for students to:

- understand the integral role of business in society and the economy
- investigate the motivational theory and practice
- develop the key competencies of The New Zealand Curriculum and ngā uara me ngā waiaro/values and attitudes of Te Marautanga o Aotearoa through the fostering of such qualities as initiative, resilience, and resourcefulness and the skills of problem solving, co-operation, decision making, negotiation and communicating
- gain knowledge and understanding of good business practice and of business as a productive activity
- acquire greater financial capability

**Assessment:** It will be assessed through a combination of internally assessed and externally examined NCEA Level 2 Achievement Standards.

**Leads to:** 13BST.

# YEAR 13 BUSINESS STUDIES

# 13 BUS

**Entry Requirements:** Entry requirement Level 2 BUS 14 credits or more. Or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 18 | External Achievement Standards | 4       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Studying business enables students to appreciate the issues that challenge businesses and stakeholders. In a rapidly changing world, it is important that citizens are able to make informed and rational decisions about business matters.

**Students will gain knowledge, skills and experience to:**

Explore how and why global businesses (greater than 20 employees) in New Zealand make operational decisions in response to internal and external factors.

Plan, take to market, review, and then refine a business activity incorporating a community well-being focus, basing recommendations for the future on market feedback.

Business contribute to the development of a culture of enterprise in New Zealand and supports our efforts to improve economic and community well-being. Business Studies creates opportunities for students to:

- understand the integral role of business in society and the economy
- investigate a human resource issue affecting a business
- develop the key competencies of The New Zealand Curriculum and ngā uara me ngā waiaro/values and attitudes of Te Marautanga o Aotearoa through the fostering of such qualities as initiative, resilience, and resourcefulness and the skills of problem solving, co-operation, decision making, negotiation and communicating
- gain knowledge and understanding of good business practice and of business as a productive activity
- acquire greater financial capability

**Assessment:** It will be assessed through a combination of internally assessed and externally examined NCEA Level 3 Achievement Standards.

## CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

## ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

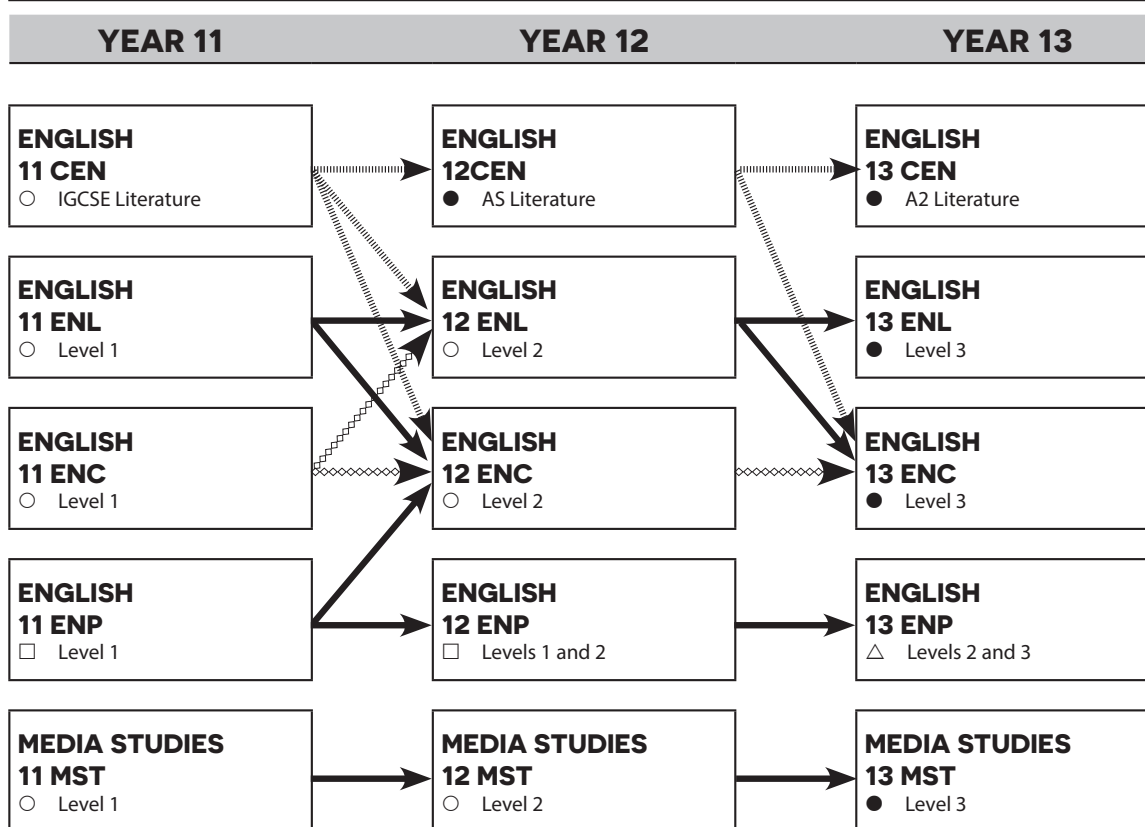
# ENGLISH LEARNING AREA

| COURSE |  | ENTRY REQUIREMENTS  | PAGE |
|--------|--|---|------|
| 10 ENG | Year 10 English                              | Compulsory for all Year 10 Students.  | 37   |
| 11 CEN | Year 11 Cambridge IGCSE English Literature   | Majority of grades at Merit or Excellence in Year 10 English or at Director's discretion.   | 38   |
| 11 ENL | Year 11 NCEA English                         | Majority of grades at Merit or Excellence in Year 10 English or at Director's discretion.   | 38   |
| 11 ENC | Year 11 NCEA English                         | Majority of grades at 'Achieved' in Year 10 English or at Director's discretion.  | 38   |
| 11 ENP | Year 11 NCEA English                         | This course is recommended for students who have made limited progress in the Year 10 English course. The Director selects students for this course.  | 38   |
| 12 CEN | Year 12 Cambridge AS English Literature      | IGCSE Grade 'C' or above, or at the Director's discretion. NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal who will consult the Director.                               | 39   |
| 12 ENL | Year 12 NCEA English                         | A minimum of 16 Level 1 English credits with at least 8 credits from the Level 1 externals (1.1, 1.2, 1.3) or Course Endorsement with Merit or Excellence in English at Level 1, or at the Director's discretion. | 39   |
| 12 ENC | Year 12 NCEA English                         | At least 14 credits in Level 1 English, including one L1 external, or at the Director's discretion.   | 39   |
| 12 ENP | Year 11 NCEA English                         | Fewer than 14 credits in Level 1 English. The Director selects students for this course.  | 40   |
| 13 CEN | Year 13 Cambridge A Level English Literature | AS Literature 'C' grade or above or at the Director's discretion.   | 40   |
| 13 ENL | Year 13 NCEA English                         | A minimum of 16 Level 2 English credits with at least 8 credits from the Level 2 externals (2.1, 2.2, 2.3), or M or E course endorsement in English at Level 2, or at the Director's discretion.                  | 40   |
| 13 ENC | Year 13 NCEA English                         | At least 14 credits in Level 2 English, including one L2 external, or at the Director's discretion.   | 40   |
| 13 ENP | Year 13 NCEA English                         | 8-13 Level 2 credits and UE literacy has not been achieved, or at the Director's discretion.  | 41   |
| 10 MST | Year 10 Media Studies                        | Majority of grades at 'Achieved' or higher in Year 9 English or at HOD's discretion.  | 41   |
| 11 MST | Year 11 NCEA Media Studies                   | Majority of grades at 'Achieved' or higher in Year 10 English or Year 10 Media Studies or at HOD's discretion.  | 41   |
| 12 MST | Year 12 NCEA Media Studies                   | 14 credits from Level 1 English or 12 credits from Level 1 Media Studies.   | 41   |
| 13 MST | Year 13 NCEA Media Studies                   | 14 credits from Level 2 English or Media Studies or at the HOD's discretion.  | 42   |

## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

# ENGLISH DEPARTMENT SENIOR PATHWAYS



# YEAR 10 ENGLISH

## 10 ENG

**Entry Requirements:** Compulsory for all Year 10 Students.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>3</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 3</b> |

**Course Description:** The Year 10 course builds on the skills gained from Year 9 English in preparation for the study of English in the Senior School. The programme reflects the two major strands of the NZ English Curriculum: Making Meaning and Creating Meaning. During the year students will study a variety of language and literature based topics, written texts and a film. They will have opportunities to write creatively and formally, will be expected to read widely and will deliver an oral presentation. They will also develop the skills needed to understand unfamiliar texts and how texts are crafted for effect.

**Assessment:** There are 8 assessments, including an examination at the end of the year. For each assessment students are awarded a grade: Yet to Achieve, Achieved, Merit or Excellence. Students will be able to see whether they are achieving at a low or high level within each grade. Students will complete a Level 1 standard – 1.7 (AS90855) Create a visual text.

**Leads to:** NCEA Level 1 English (11ENL or 11ENC or 11ENP) or IGCSE English. English remains compulsory at Year 12.

## YEAR 11 ENGLISH COURSES

There are three Year 11 NCEA English courses and one IGCSE Literature course.

You will choose the most appropriate course for you in consultation with your English teacher. Alternatively, select 11 CEN for IGCSE English with the entry pre-requisite in mind.

## CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

## ENTRY COURSES

- △ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 11 ENGLISH (IGCSE)

11 CEN ○

**Entry Requirements:** The majority of grades at Merit or Excellence in Year 10 English or by Director's discretion. This course suits students with excellent personal reading habits and a good foundation of essay writing skills on which to further build.

**Course Description:** This course is focused on reading, analysing and responding to literature. During the year students study Poetry, Prose and Drama texts. The teacher will choose four texts for the year from a prescribed syllabus of classic literature. The IGCSE syllabus changes every year.

**Assessment:** Students taking IGCSE Literature have two examinations at the end of the year in which they are required to write four essays in total, one on each text studied. Students are awarded one overall grade (A\*-G) based on their final examination performance. There are common assessment tests and school exams during the year to prepare students for the final examination.

**Leads to:** AS Literature in English. Students will also be able to apply for entry to NCEA Level 2 from IGCSE English.

## YEAR 11 ENGLISH

11 ENL

**Entry Requirements:** The majority of grades at Merit or Excellence Year 10 English or by Director's discretion.

| CREDITS AVAILABLE                        |  |                                  | LEVEL 1 ○               |
|--|--|----------------------------------|-------------------------|
| Internal Achievement Standards <b>13</b> | External Achievement Standards <b>12</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 25</b> |

**Course Description:** This is an academic course with a focus on the study of literature. It is a Level 1 NCEA English course including both internal and external assessment. Students will study a novel or play, short stories/poetry and a film and they will be required to make insightful connections between these texts. They will develop skills in understanding how texts are constructed to meet the demands of purpose and audience and they will demonstrate an ability to deliberately use language and structure for effect in creative and formal writing. In addition, students will deliver an oral presentation to a specified audience. This course allows students to meet the literacy requirements for NCEA Level 1 and it lays a foundation for skills needed for future years in English.

**Leads to:** 12ENL or 12ENC

## YEAR 11 ENGLISH

11 ENC

**Entry Requirements:** An overall grade of Achieved in Year 10 English or by Director's discretion.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 ○               |
|--|---|----------------------------------|-------------------------|
| Internal Achievement Standards <b>13</b> | External Achievement Standards <b>8</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 21</b> |

**Course Description:** A Level 1 NCEA English course that offers one less external standard to allow students to focus on gaining course endorsement in English. Students will study a novel/play, short stories/poetry and a film and they will be required to make connections between these texts. They will develop skills in understanding how a visual text is constructed for effect and they will demonstrate an ability to deliberately use language and structure for effect in creative and formal writing. This course allows students to meet the literacy requirements for NCEA Level 1 and lays the foundation for skills needed for future years in English.

**Leads to:** 12ENL or 12ENC

## YEAR 11 ENGLISH

11 ENP

**Entry Requirements:** This course is recommended for students who have made limited progress in the Year 10 English course. The Director selects students for this course.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 □               |
|--|---|----------------------------------|-------------------------|
| Internal Achievement Standards <b>16</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 20</b> |

**Course Description:** A practical, largely internally assessed course focused on developing core skills in reading, writing, viewing, speaking and information literacy. Students will be required to read regularly, write formally and creatively and deliver an oral presentation. Poetry/short stories and film will be studied. This course develops the core skills needed to study English at Level 2.

**Leads to:** 12ENC or 12ENP

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

## YEAR 12 ENGLISH COURSES

There are three Year 12 NCEA English courses and one AS Literature course. You will choose the most appropriate course for you in conjunction with your English teacher. Alternatively, select 12 CEN for AS English.

### YEAR 12 ENGLISH (AS)

**12 CEN ●**

**Entry Requirements:** IGCSE Grade 'C' or above in English or at Director's discretion. 2018 NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal who will consult the Director. This course requires a foundation of strong essay writing skills and excellent personal reading habits.

**Course Description:** Students following the AS Level English syllabus will study a range of texts in the three main forms: Prose, Poetry and Drama. Set texts are offered from a wide range of different periods and cultures. Students will develop the skills of text analysis, and are encouraged to undertake wider reading to aid understanding of the texts studied. They will learn skills of effective and appropriate communication including the ability to discuss the critical context of texts.

**Assessment:** Students taking AS Literature have two x 2 hour examinations at the end of the year in which they are required to write four essays in total, one on each text studied. Students are awarded one overall grade (A-F) based on their final examination performance. There are common assessment tests and school exams during the year to prepare students for the final examination.

**Leads to:** A Level Literature (English).

### YEAR 12 ENGLISH

**12 ENL**

**Entry Requirements:** At least 16 Level 1 English credits including at least 8 credits from the Level 1 externals - 1.1 Written Texts, 1.2 Visual Texts or 1.3 Unfamiliar Texts, or Course Endorsement with Merit or Excellence in English at Level 1, or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                |   | LEVEL 2                 | <input type="radio"/> |               |    |
|--------------------------------|----|--------------------------------|---|-------------------------|-----------------------|---------------|----|
| Internal Achievement Standards | 13 | External Achievement Standards | 8 | Internal Unit Standards | 0                     | Total Credits | 21 |

**Course Description:** This is an academic course that requires students to respond critically to the literature studied. The course allows students to gain the 5 Reading and 5 Writing credits required for University Entrance Literacy through achievement in internal and external standards tagged for UE Literacy. This course also offers 17 English credits required by Auckland University. Students will study a novel or play, short stories/poetry and a film. They will be required to analyse how language is used effectively in the texts and show an appreciation for the writer's/Director's purpose. In addition, students will be required to demonstrate the ability to craft and control language for effect in their own writing.

This course develops skills needed for the study of English at Level 3.

**Leads to:** 13ENL or 13ENC

### YEAR 12 ENGLISH

**12 ENC**

**Entry Requirements:** At least 14 credits in Level 1 English, and one external standard at Level 1, or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                |   | LEVEL 2                 | <input type="radio"/> |               |    |
|--------------------------------|----|--------------------------------|---|-------------------------|-----------------------|---------------|----|
| Internal Achievement Standards | 17 | External Achievement Standards | 8 | Internal Unit Standards | 0                     | Total Credits | 25 |

**Course Description:** This course provides the opportunity for University Entrance Literacy to be gained in full through achievement in internal standards tagged with UE Literacy. This course also offers 17 English credits required by Auckland University. This course offers one less external standard to allow students to focus on gaining course endorsement in English. Students will closely study written texts and a film and will be required to analyse connections between these texts. They will develop skills in analysing how a visual text is constructed for effect and they will demonstrate the ability to craft and control language for effect in their own writing. Students will be required to undertake a research assignment linked to an issue arising in a text they have read and will be assessed on their personal reading. This course develops skills needed for the study of English at Level 3.

**Leads to:** 13ENL or 13ENC

#### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

#### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 12 ENGLISH

12 ENP

**Entry Requirements:** Fewer than 14 credits in Level 1 English.

| CREDITS AVAILABLE              |    |                                | LEVEL 2                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 14 | External Achievement Standards | 0                       |
|                                |    | Internal Unit Standards        | 6                       |
|                                |    |                                | <b>Total Credits</b> 20 |

**Course Description:** This course develops skills gained at Level 1. A practical, internally assessed course focused on further developing core skills in reading, writing, viewing, speaking and information literacy. Poetry/short stories and film will be studied and analysed. Students will undertake a research assignment and their personal reading will be assessed. They will develop skills reading and analysing texts, deliver an oral presentation and make connections between texts.

**Leads to:** 13ENC or 13ENP

## YEAR 13 ENGLISH COURSES

There are three Year 13 NCEA English courses and one A2 Literature course. You will choose the most appropriate course for you in conjunction with your English teacher. Alternatively, select 13 CEN for A2 English.

## YEAR 13 ENGLISH

13 CEN ●

**Entry Requirements:** AS Grade 'C' or above in English, or at the Director's discretion. All A2 candidates must have already studied the AS course in this subject. This course requires a foundation of strong essay writing skills and excellent personal reading habits.

**Course Description:** Students following the A Level English syllabus will study a range of texts in the main forms of Poetry, Prose and Drama. This course focuses on the study of Shakespeare and other pre- twentieth century texts and twentieth century texts. Students will develop the skills of text analysis, and are encouraged to undertake wider reading to aid understanding of the texts studied. They will learn skills of effective and appropriate communication including the ability to discuss the critical context of texts.

**Assessment:** Students taking A Level Literature have two x 2 hours examinations at the end of the year in which they are required to write four essays in total, one on each text studied. Students are awarded one overall grade (A\*-E) based on their final examination performance. There are common assessment tests and school exams during the year to prepare students for the final examination.

**Leads to:** Tertiary study.

## YEAR 13 ENGLISH

13 ENL

**Entry Requirements:** At least 16 Level 2 English credits including at least 8 credits from the Level 2 externals – 2.1 Written Texts, 2.2 Visual Text, or Course Endorsement with Merit or Excellence in English at Level 2, or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 3                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 13 | External Achievement Standards | 8                       |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 21 |

**Course Description:** A Level 3 University Entrance course. This course offers 17 English credits required by Auckland University. This is an academic course that requires students to respond critically to the literature studied. Students will study a novel or play, poetry/short stories and a film. They will produce a selection of fluent and coherent writing in a variety of styles and develop an informed understanding of literature by undertaking research using critical texts. Students will also deliver an oral presentation.

**Leads to:** Tertiary study.

## YEAR 13 ENGLISH

13 ENC

**Entry Requirements:** At least 14 credits in Level 2 English and one external standard at Level 2, or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 3                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 16 | External Achievement Standards | 8                       |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** A Level 3 University Entrance course. This course offers one less external standard to allow students to focus on gaining course endorsement in English. This course offers the study of short written texts and a film. Students will be required to deliver an oral presentation and produce a selection of fluent and coherent writing. The course also involves responding critically to the close reading of film. Students will be assessed on their ability to respond critically to studied texts and the connections between them. This course offers 17 English credits required by Auckland University.

**Leads to:** Tertiary study.

### FULL COURSES


- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



## YEAR 13 ENGLISH

13 ENP

**Entry Requirements:** 8-13 credits in Level 2 English and UE Literacy has not been achieved.

| CREDITS AVAILABLE                                       |   |                                  | LEVEL 2, 3  |
|---|---|----------------------------------|--|
| Internal Achievement Standards <b>17 (LEVEL 2 OR 3)</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>7</b> | <b>Total Credits 24</b>  |

**Course Description:** This course develops skills gained at Level 2. This is a practical, internally assessed course in which students will have the opportunity to complete assessments at Level 2 or 3.

Students will be assessed on their skills in writing, reading, close viewing, presenting and research at either Level 2 or 3. The aim of this course is to allow students to gain the full requirements of UE Literacy and, for those working at Level 3, this can be a University Entrance course.

**Leads to:** Entry into tertiary study by gaining UE Literacy.

## YEAR 10 MEDIA STUDIES

10 MST

**Entry Requirements:** A majority of grades at 'Achieved' or higher in Year 9 English or at HOD's discretion.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>3</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 3</b> |

**Course Description:** Modern media (television, film, photos, magazines and multimedia) communicate largely through visual means. We need to go to school to learn to read and write, yet we learn to read pictures and film by instinct. This course studies the conventions of visual language, how our view of the world is moulded by the images we see and how we can use the language of electronic images to express our own ideas and feelings. Students will complete two practical projects during the year.


**Assessment:** Class work, research projects and practical work will be assessed throughout the year.

**Leads to:** This course leads to Media Studies in the Senior School.

## YEAR 11 MEDIA STUDIES

11 MST

**Entry Requirements:** A majority of grades at 'Achieved' or higher in Year 9 English or Year 10 Media Studies or at HOD's discretion.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1  |
|--|---|----------------------------------|---|
| Internal Achievement Standards <b>15</b> | External Achievement Standards <b>8</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 23</b>   |


**Course Description:** Students will critically respond to film, examine the media treatment of a current event/issue, and produce a selection of media writing including a blog and a script. They will design a plan for and produce a short film, and write a script for their film.

**Leads to:** Year 12MST

## YEAR 12 MEDIA STUDIES

12 MST

**Entry Requirements:** 14 Achievement Standard credits from Level 1 English or 12 credits from Level 1 Media Studies.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 2  |
|--|---|----------------------------------|---|
| Internal Achievement Standards <b>20</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 24</b>   |

**Course Description:** Students will critically analyse film, examine the narrative in media texts, and deliver a presentation demonstrating understanding of representation in the media. They will design a plan for and produce a short film, and write a script for their film. This is an academic course that requires strong English and Media skills.

**Leads to:** 13 MST

### CORE COURSES

☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

 Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

**Entry Requirements:** 14 credits from Level 2 Media Studies or at HOD's discretion.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 3 ●               |
|--|---|----------------------------------|-------------------------|
| Internal Achievement Standards <b>16</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 20</b> |

**Course Description:** Students will critically analyse film, demonstrate understanding of the relationships between a genre and a society, design a plan for and produce a short film, and write a screenplay. This is an academic course that requires strong English and Media skills.

**Leads to:** University degree courses (Bachelor of Arts, Bachelor of Communications). Numerous and varied jobs in the media for creative, analytical and technically-minded people.

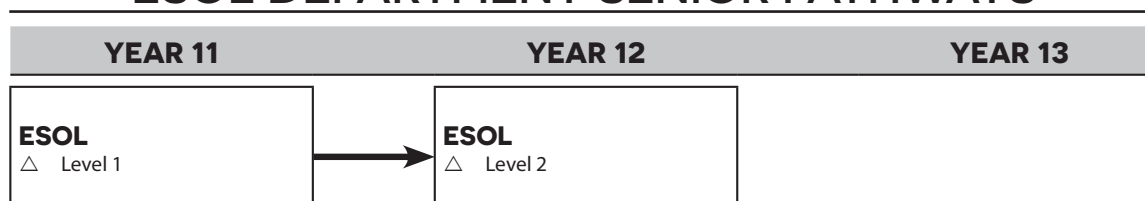
## ESOL LEARNING AREA

### ESOL Department Pathways Chart

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| COURSE                                      | ENTRY REQUIREMENTS   | PAGE |
|---|--|------|
| 10 ESJ Year 10 English as a Second Language | For students who are under NESB funding and need English support. Students will be selected by the department through testing. | 42   |
| 12 ES1 Level 1 English as a Second Language | Satisfactory completion of the NESB foundation programme. Open to Year 11 and 12 students.                                     | 42   |
| 12 ES2 Level 2 English as a Second Language | None, students will be selected for the appropriate course by the Director. Open to Year 12 and 13 students.                   | 43   |

## ESOL DEPARTMENT SENIOR PATHWAYS



## YEAR 10 ENGLISH AS A SECOND LANGUAGE

## 10 ESJ

**Entry Requirements:** For students who are under NESB funding and need English support. Students will be selected by the department through testing.

**Course Description:** This course is designed for students for whom English is not their first language. It provides support for English language skills across the curriculum.

**Leads to:** 12 ES1, Level 1 NCEA English programme.

## LEVEL 1 ENGLISH AS A SECOND LANGUAGE

## 12 ES1

**Entry Requirements:** Satisfactory completion of the NESB foundation programme. Open to Year 11 and 12 students.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 △               |
|--|---|----------------------------------|-------------------------|
| Internal Achievement Standards <b>17</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 17</b> |


**Course Description:** This programme is to enable international and other migrant students who arrive in the country to gain NCEA credits at level one. The programme includes reading, writing, oral and visual skills. The standards are all internally assessed achievement standards.

**Leads to:** 12 ES2, Level 2 NCEA English programme.

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

**Entry Requirements:** None, students will be selected for the appropriate course by the Director. Open to Year 12 and 13 students.

| CREDITS AVAILABLE                        | LEVEL 2  |
|--|---|
| Internal Achievement Standards <b>18</b> | <b>Total Credits 18</b>   |

**Course Description:** This course builds on skills students have learnt in the Level 1 programme. The English credits in this course are selected from a schedule of approved Achievement standards and also fulfils the literacy requirements for entry into universities. This course offers a range of assessment opportunities in the same skill area where possible and allows international and other migrant students to gain the English credits required for NCEA at level 2. This programme fulfils the entry requirements into universities and may be seen as a one or two year programme.

**Leads to:** Entry into University.

## LANGUAGES LEARNING AREA

### Languages Department Pathways Chart


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| COURSE                                 | ENTRY REQUIREMENTS  | PAGE |
|--|---|------|
| 10 FRE Year 10 French                  | Satisfactory completion of the Year 9 French course.  | 44   |
| 11 CFR Year 11 Cambridge IGCSE French  | Satisfactory completion of the Year 10 French course, or at the Director's discretion.              | 45   |
| 11 FRE Year 11 NCEA French             | Satisfactory completion of the Year 10 French course, or at the Director's discretion.              | 45   |
| 12 FRE Year 12 NCEA French             | 10 credits from NCEA Level 1 French.  | 45   |
| 13 CFR Year 13 Cambridge AS French     | 12 credits from NCEA level 2 French or A or A* grade at IGCSE French.                               | 45   |
| 13 FRE Year 13 NCEA French             | 10 credits from NCEA Level 2 French.  | 46   |
| 10 JAP Year 10 Japanese                | Year 9 Japanese or at the Director's discretion.  | 46   |
| 11 JAP Year 11 NCEA Japanese           | Satisfactory progress in Year 10 Japanese, including the ability to read and write Japanese script. | 46   |
| 12 CJP Year 12 Japanese (IGCSE)        | Satisfactory completion of the NCEA Level 1 Japanese course or at the Director's discretion.        | 46   |
| 12 JAP Year 12 NCEA Japanese           | 10 credits from NCEA Level 1 Japanese.  | 47   |
| 13 CJP Year 13 Cambridge AS Japanese   | 12 credits from NCEA level 2 Japanese or A or A* grade at IGCSE Japanese.                           | 47   |
| 13 JAP Year 13 NCEA Japanese           | 10 credits from NCEA Level 2 Japanese.  | 47   |
| 10 LAT Year 10 Latin                   | Satisfactory completion of the Year 9 Latin course.   | 47   |
| 10 SAO Year 10 Samoan                  | Satisfactory completion of the Year 9 Samoan course or at Director's discretion.                    | 48   |
| 11 SAO Year 11 NCEA Samoan             | Satisfactory completion of the Year 10 Samoan course or at Director's discretion.                   | 48   |
| 12 SAO Year 12 NCEA Samoan             | 10 credits from NCEA Level 1 Samoan course or at Director's discretion.                             | 48   |
| 13 SAO Year 13 NCEA Samoan             | 10 credits from NCEA Level 2 Samoan course or at Director's discretion.                             | 48   |
| 10 SPA Year 10 Spanish                 | Satisfactory completion of the Year 9 Spanish course.   | 49   |
| 11 CSP Year 11 Cambridge IGCSE Spanish | Satisfactory completion of the Year 10 Spanish course, or at Director's discretion.                 | 49   |
| 11 SPA Year 11 NCEA Spanish            | Satisfactory completion of the Year 10 Spanish course.  | 49   |
| 12 SPA Year 12 NCEA Spanish            | 10 credits from NCEA Level 1 Spanish.   | 49   |
| 13 CSP Year 13 Cambridge AS Spanish    | 12 credits from NCEA level 2 Spanish or A or A* grade at IGCSE Spanish.                             | 50   |
| 13 SPA Year 13 NCEA Spanish            | 10 credits from NCEA Level 2 Spanish  | 50   |

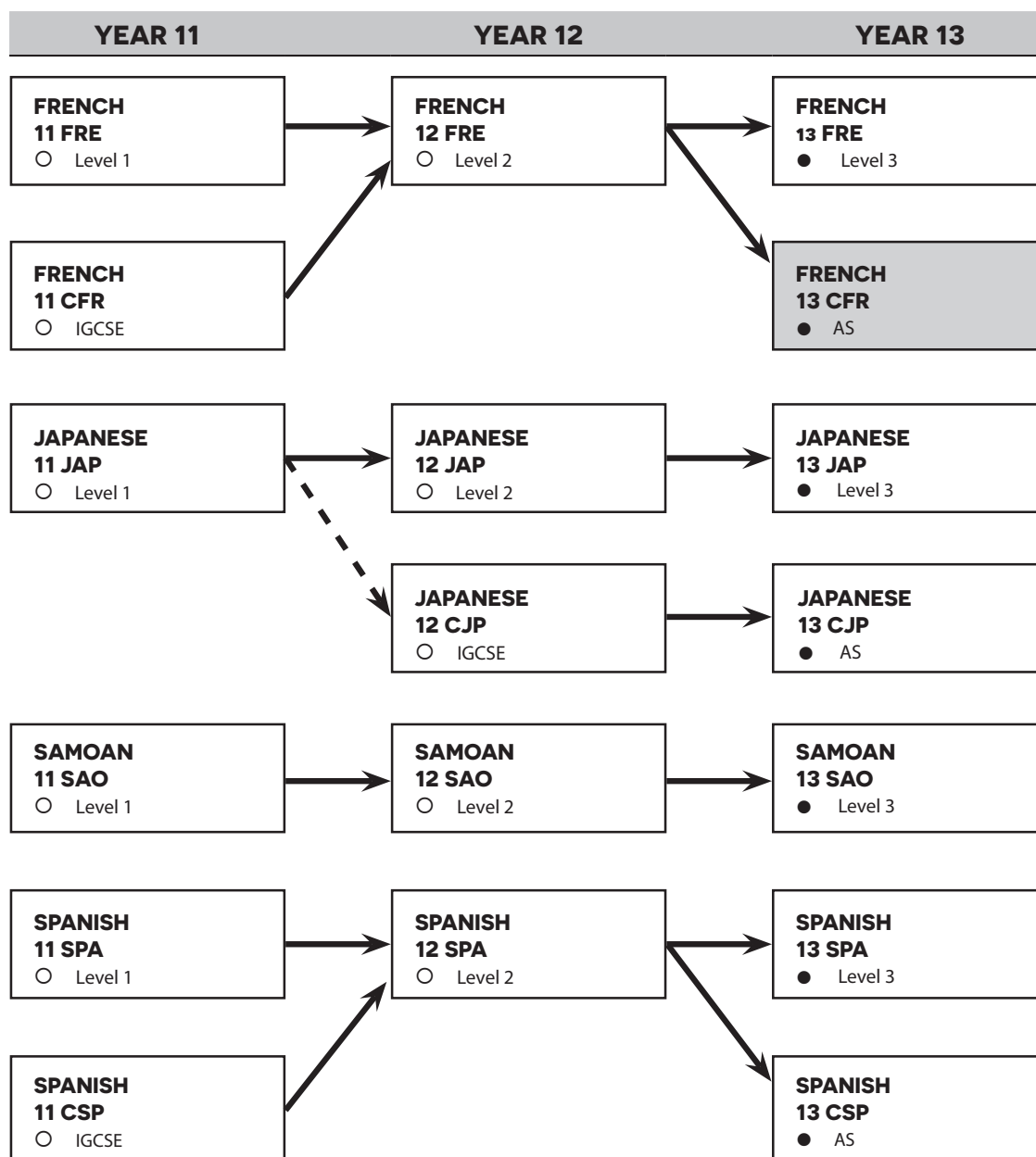
### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

-  Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# LANGUAGES DEPARTMENT SENIOR PATHWAYS



## YEAR 10 FRENCH

## 10 FRE

**Entry Requirements:** Satisfactory completion of the Year 9 French course.

| CREDITS AVAILABLE              |   |                                | LEVEL 1              |
|--------------------------------|---|--------------------------------|----------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                    |
|                                |   | Internal Unit Standards        | 2                    |
|                                |   |                                | <b>Total Credits</b> |
|                                |   |                                | <b>2</b>             |

**Course Description:** The language studied in Year 9 is revised and consolidated before moving on to further development of the four skills (listening, reading, speaking and writing). Topics cover the world of young people today. Opportunities will be made for students to explore their own areas of cultural interest wherever possible. The course will help prepare students for future visits to French speaking countries and for interacting with visitors who speak French.

**Assessment:** Six assessments throughout the year and two assessments in the end-of-year examination. These will cover the skills of listening, reading, speaking and writing, and the mastery of required vocabulary.

**Leads to:** NCEA Level 1 French and beyond. Having knowledge of French helps with the learning of other Romance languages. French is also highly desirable as an extra skill in the world of business, law and tourism.

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

# YEAR 11 FRENCH (IGCSE)

11 CFR ○

**Entry Requirements:** Satisfactory completion of the Year 10 French course.

**Course Description:**

1. To develop the ability to use French effectively for purposes of practical communication within New Zealand, where appropriate, and in French speaking countries;
2. To form a sound base of the skills, language and attitudes required for further study, work and leisure;
3. To offer insights into French culture and civilisation.

**Course Outline:** This course covers language for everyday use in situations that a student would encounter while on a holiday or student exchange programme in France, as well as when meeting French people here in New Zealand.

**Assessment:** There are four papers in the examination:

Paper 1 (45 minutes) 25% Listening

Paper 2 (1 hour) 25% Reading

Paper 3: (15 minutes) 25% Speaking

Paper 4 (1 hour) 25% Writing

There is no coursework component in this course.

**Leads to:** NCEA Level 2 French in Year 12 and AS French in Year 13.

# YEAR 11 FRENCH

11 FRE

**Entry Requirements:** Satisfactory completion of the Year 10 French course or at the Director's discretion.

| CREDITS AVAILABLE                 |                                   |                           | LEVEL 1 ○        |
|-----------------------------------|-----------------------------------|---------------------------|------------------|
| Internal Achievement Standards 14 | External Achievement Standards 10 | Internal Unit Standards 0 | Total Credits 24 |

**Course Description:** Through their studies students compare and contrast the lives of teenagers here in New Zealand and in French-speaking countries. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** 12 FRE.

# YEAR 12 FRENCH

12 FRE

**Entry Requirements:** 10 credits from NCEA Level 1 French or at the Director's discretion.

| CREDITS AVAILABLE                 |                                   |                           | LEVEL 2 ○        |
|-----------------------------------|-----------------------------------|---------------------------|------------------|
| Internal Achievement Standards 14 | External Achievement Standards 10 | Internal Unit Standards 0 | Total Credits 24 |

**Course Description:** In this course, students explore and learn to express their own opinions on themes relevant to young people preparing for life beyond school. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** 13 FRE

# YEAR 13 FRENCH (AS)

13 CFR ●

**Entry Requirements:** 12 credits from NCEA level 2 French or A or A\* grade at IGCSE French.

**Course Description:**

The course enables students to:

- develop the ability to understand a language from a variety of registers
- communicate confidently and clearly in the target language
- form a sound base of skills, language and attitudes required for further study, work and leisure
- develop insights into the culture and civilisation of the countries where the language is spoken
- encourage positive attitudes to language learning and a sympathetic approach to other cultures and civilisations

**Assessment:**

Paper 1 Speaking Test (20 minutes) 29%

Paper 2 Reading and Writing (1 hour 45 minutes) 45%

Paper 3 Essay (1 hour 30 minutes) 21%

**This course leads to:** Higher Education courses and enriched employment opportunities.

**CORE COURSES**

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

**ENTRY COURSES**

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 13 FRENCH

13 FRE

**Entry Requirements:** 10 credits from NCEA Level 2 French or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 3                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 14 | External Achievement Standards | 10                      |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** At this level, we explore in more depth social issues facing young people today. Students will learn how to critically analyse the arguments of others and justify their own ideas and opinions on a wide range of topics. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** The study of French at tertiary level or increased employment possibilities.

## YEAR 10 JAPANESE

10 JAP

**Entry Requirements:** Year 9 Japanese. Consult the teacher in charge of Japanese if you think you have a valid reason to enter Year 10 without having done Year 9 Japanese or at the Director's discretion.

| CREDITS AVAILABLE              |   |                                | LEVEL 1                |
|--------------------------------|---|--------------------------------|------------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                      |
|                                |   | Internal Unit Standards        | 2                      |
|                                |   |                                | <b>Total Credits</b> 2 |

**Course Description:** The language studied in year 9 is revised and consolidated before moving on to further development of the four skills (listening, reading, speaking and writing). Topics cover the world of young people today. Students complete their learning of hiragana then go on to master reading and writing katakana. Opportunities will be made for students to explore their own areas of cultural interest wherever possible. The course will help prepare students for future visits to Japan and for interacting with visitors who speak Japanese.

**Assessment:** Six assessments throughout the year and two assessments in the end-of-year examination. These will cover the skills of listening, reading, speaking and writing, and the mastery of required vocabulary.

**Leads to:** Year 11 (NCEA Level 1), then Years 12 and 13 (Levels 2 and 3).

## YEAR 11 JAPANESE

11 JAP

**Entry Requirements:** Satisfactory progress in Year 10 Japanese, including the ability to read and write Japanese script.

| CREDITS AVAILABLE              |    |                                | LEVEL 1                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 14 | External Achievement Standards | 10                      |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** Through their studies students compare and contrast the lives of teenagers here in New Zealand and in Japan. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** 12 JAP (NCEA Level 2)

## YEAR 12 JAPANESE (IGCSE)

12 CJP ○

**Entry Requirements:** Satisfactory completion of NCEA Level 1 Japanese course or at the Director's discretion.

**Course Description:**

1. To develop the ability to use Japanese effectively for purposes of practical communication within New Zealand, where appropriate, and in Japan;
2. To form a sound base of the skills, language and attitudes required for further study, work and leisure;
3. To offer insights into Japanese culture and civilisation.

**Course Outline:** This course covers language for everyday use in situations that a student would encounter while on a holiday or student exchange programme in Japan, as well as when meeting Japanese people here in New Zealand.

**Assessment:** There are two papers in the examination:

Paper 2: (1 hour 15 minutes) 33% Reading  
 Paper 3: (15 minutes) 33% Speaking  
 Paper 4: (1 hour 15 minutes) 33% Writing

There is no coursework component in this course.

**Leads to:** AS Japanese.

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



## YEAR 12 JAPANESE

12 JAP

**Entry Requirements:** At least 10 credits from NCEA Level 1 Japanese or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                |    |                         | LEVEL 2 | <input type="radio"/> |    |
|--------------------------------|----|--------------------------------|----|-------------------------|---------|-----------------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 10 | Internal Unit Standards | 0       | Total Credits         | 24 |

**Course Description:** In this course, students explore and learn to express their own opinions on themes relevant to young people preparing for life beyond school. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** 13 JAP (NCEA Level 3).

## YEAR 13 JAPANESE (AS)

13 CJP ●

**Entry Requirements:** 12 credits from NCEA level 2 Japanese or A or A\* grade at IGCSE Japanese.

**Course Description:**

The course enables students to:

- develop the ability to understand a language from a variety of registers
- communicate confidently and clearly in the target language
- form a sound base of skills, language and attitudes required for further study, work and leisure
- develop insights into the culture and civilisation of the countries where the language is spoken, including the study of literary texts where appropriate (this does not apply to AS Language qualifications)
- encourage positive attitudes to language learning and a sympathetic approach to other cultures and civilisations

**Assessment:**

|                             |                     |     |
|-----------------------------|---------------------|-----|
| Paper 1 Speaking Test       | (20 minutes)        | 29% |
| Paper 2 Reading and Writing | (1 hour 45 minutes) | 45% |
| Paper 3 Essay               | (1 hour 30 minutes) | 21% |

**This course leads to:** Higher Education courses and enriched employment opportunities.

## YEAR 13 JAPANESE

13 JAP

**Entry Requirements:** 10 credits from NCEA Level 2 Japanese or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 10      | Internal Unit Standards | 0 | Total Credits | 24 |

**Course Description:** At this level, we explore in more depth social issues facing young people today. Students will learn how to critically analyse the arguments of others and justify their own ideas and opinions on a wide range of topics. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** University courses, increased employment opportunities.

## YEAR 10 LATIN

10 LAT

**Entry Requirements:** Satisfactory completion of the Year 9 Latin course.

**Course Description:** Students complete stages 1, 2 and 3A of the Cambridge Latin Course. This improves their translation skills and gives them the opportunity to discover more about the Roman way of life and contribution to our western culture. During the year, students will complete two projects about Roman history and culture, in which they explore aspects of Roman life.

**Assessment:** Brief tests - vocabulary and language. Unit tests - after each major unit. One examination. Projects.

**Leads to:** An appreciation of the Roman contribution to our modern world, better understanding of English and a wider vocabulary, better understanding of the technical vocabulary of a number of other subjects, easier to learn other Romance languages.

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 10 SAMOAN

10 SAO

**Entry Requirements:** Satisfactory completion of the Year 9 Samoan course or at the Director's discretion.

| CREDITS AVAILABLE                |                                  |                           | LEVEL 1         |
|----------------------------------|----------------------------------|---------------------------|-----------------|
| Internal Achievement Standards 0 | External Achievement Standards 0 | Internal Unit Standards 2 | Total Credits 2 |

**Course Description:** The language studied in Year 9 is revised and consolidated before moving on to further development of the four skills (listening, reading, speaking and writing). Topics cover the world of young people today. Opportunities will be made for students to explore their own areas of cultural interest wherever possible. The course will help prepare students for future visits to Samoa and for interacting with visitors who speak Samoan.

**Assessment:** Six assessments throughout the year and two assessments in the end-of-year examination. These will cover the skills of listening, reading, speaking and writing, and the mastery of required vocabulary.

**Leads to:** NCEA Level 1 in Samoan and beyond. Further study at university, an appreciation of the culture and values, better understanding of the language structure.

## YEAR 11 SAMOAN

11 SAO

**Entry Requirements:** Satisfactory completion of the Samoan language programme in Year 10 or at the Director's discretion. Students who did not complete this programme but have some experience in the language will need to consult the teacher in charge to gain entry approval.

| CREDITS AVAILABLE                 |                                   |                           | LEVEL 1          |
|-----------------------------------|-----------------------------------|---------------------------|------------------|
| Internal Achievement Standards 14 | External Achievement Standards 10 | Internal Unit Standards 0 | Total Credits 24 |

**Course Description:** Through their studies students compare and contrast the lives of teenagers here in New Zealand and in Samoa. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** 12 SAO

## YEAR 12 SAMOAN

12 SAO

**Entry Requirements:** 12 credits from NCEA Level 1 Samoan or at the Director's discretion.

| CREDITS AVAILABLE                 |                                   |                           | LEVEL 2          |
|-----------------------------------|-----------------------------------|---------------------------|------------------|
| Internal Achievement Standards 14 | External Achievement Standards 10 | Internal Unit Standards 0 | Total Credits 24 |

**Course Description:** In this course, students explore and learning to express their own opinions on themes relevant to young people preparing for life beyond school. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** 13 SAO

## YEAR 13 SAMOAN

13 SAO

**Entry Requirements:** 10 credits from NCEA Level 2 Samoan or at the Director's discretion.

| CREDITS AVAILABLE                 |                                   |                           | LEVEL 3          |
|-----------------------------------|-----------------------------------|---------------------------|------------------|
| Internal Achievement Standards 14 | External Achievement Standards 10 | Internal Unit Standards 0 | Total Credits 24 |

**Course Description:** At this level, we explore in more depth social issues facing young people today. Students will learn how to critically analyse the arguments of others and justify their own ideas and opinions on a wide range of topics. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** The study of Samoan at tertiary level or increased employment possibilities.

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

## YEAR 10 SPANISH

10 SPA

**Entry Requirements:** Satisfactory completion of the Year 9 Spanish course.

| CREDITS AVAILABLE              |   |                                | LEVEL 1                |
|--------------------------------|---|--------------------------------|------------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                      |
|                                |   | Internal Unit Standards        | 2                      |
|                                |   |                                | <b>Total Credits</b> 2 |

**Course Description:** The language studied in Year 9 is revised and consolidated before moving on to further development of the four skills (listening, reading, speaking and writing). Topics cover the world of young people today. Opportunities will be made for students to explore their own areas of cultural interest wherever possible. The course will help prepare students for future visits to Spanish-speaking countries (including parts of the United States) and for interacting with visitors who speak Spanish.

**Assessment:** Six assessments throughout the year and two assessments in the end-of-year examination. These will cover the skills of listening, reading, speaking and writing, and the mastery of required vocabulary.

**Leads to:** NCEA Level 1, IGCSE Spanish and beyond. Spanish, with over 300,000,000 speakers worldwide, is of special relevance to New Zealand as a major language of the Pacific Rim.

## YEAR 11 SPANISH (IGCSE)

11 CSP ○

**Entry Requirements:** Satisfactory completion of the Year 10 Spanish course.

**Course Description:**

1. To develop the ability to use Spanish effectively for purposes of practical communication within New Zealand, where appropriate, and in Spanish speaking countries;
2. To form a sound base of the skills, language and attitudes required for further study, work and leisure;
3. To offer insights into Spanish culture and civilisation.

**Course Outline:** This course covers language for everyday use in situations that a student would encounter while on a holiday or student exchange programme in France, as well as when meeting French people here in New Zealand

**Assessment:** There are four papers in the examination:

Paper 1 (45 minutes) 25% Listening

Paper 2 (1 hour) 25% Reading

Paper 3: (15 minutes) 25% Speaking

Paper 4 (1 hour) 25% Writing

There is no coursework component in this course.

**Leads to:** NCEA Level 2 Spanish in Year 12 and AS Spanish in Year 13.

## YEAR 11 SPANISH

11 SPA

**Entry Requirements:** Satisfactory completion of the Year 10 Spanish course or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 ○               |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 14 | External Achievement Standards | 10                      |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** Through their studies students compare and contrast the lives of teenagers here in New Zealand and in Spanish-speaking countries (including parts of the United States). Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** 12 SPA

## YEAR 12 SPANISH

12 SPA

**Entry Requirements:** 10 credits from NCEA Level 1 Spanish.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 ○               |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 14 | External Achievement Standards | 10                      |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** In this course, students explore and learn to express their own opinions on themes relevant to young people preparing for life beyond school. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** 13 SPA

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# YEAR 13 SPANISH (AS)

13 CSP ●

**Entry Requirements:** 12 credits from NCEA level 2 Spanish or A or A\* grade at IGCSE Spanish.

## Course Description:

The course enables students to:

- develop the ability to understand a language from a variety of registers
- communicate confidently and clearly in the target language
- form a sound base of skills, language and attitudes required for further study, work and leisure
- develop insights into the culture and civilisation of the countries where the language is spoken, including the study of literary texts where appropriate (this does not apply to AS Language qualifications)
- encourage positive attitudes to language learning and a sympathetic approach to other cultures and civilisations

## Assessment:

|                             |                     |     |
|-----------------------------|---------------------|-----|
| Paper 1 Speaking Test       | (20 minutes)        | 29% |
| Paper 2 Reading and Writing | (1 hour 45 minutes) | 45% |
| Paper 3 Essay               | (1 hour 30 minutes) | 21% |

**This course leads to:** Higher Education courses and enriched employment opportunities.

# YEAR 13 SPANISH

13 SPA

**Entry Requirements:** 10 credits from NCEA Level 2 Spanish.

| CREDITS AVAILABLE                        |  |                                  | LEVEL 3 ●               |
|--|--|----------------------------------|-------------------------|
| Internal Achievement Standards <b>14</b> | External Achievement Standards <b>10</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 24</b> |

**Course Description:** At this level, we explore in more depth social issues facing young people today. Students will learn how to critically analyse the arguments of others and justify their own ideas and opinions on a wide range of topics. Speaking and writing are assessed internally during the year through the compilation of portfolios. Student input into the design of tasks for internal assessment is encouraged. Reading and listening are assessed externally at the end of the year.

**Leads to:** The study of Spanish at tertiary level or increased employment possibilities.

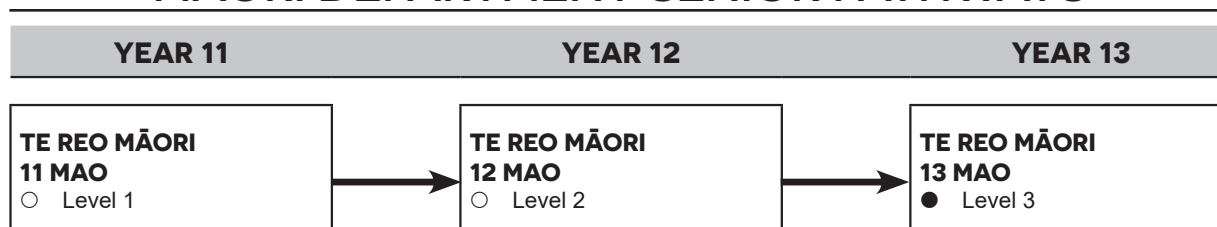
# MĀORI LANGUAGE LEARNING AREA

## Māori Department Pathways Chart

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| COURSE                           | ENTRY REQUIREMENTS   | PAGE |
|----------------------------------|--|------|
| 10 MAO Year 10 Māori             | Completion of the year 9 Māori course or with Director's approval. | 51   |
| 11 MAO Te Reo Year 11 NCEA Māori | Satisfactory completion of the Year 10 Te Reo Māori programme.     | 51   |
| 12 MAO Te Reo Year 12 NCEA Māori | 14 credits from Level 1 Te Reo Māori.                              | 51   |
| 13 MAO Te Reo Year 13 NCEA Māori | 14 credits from Level 2 Te Reo Māori.                              | 51   |

## MĀORI DEPARTMENT SENIOR PATHWAYS



## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

## YEAR 10 MĀORI

10 MAO

**Entry Requirements:** Successful completion of Year 9 Te Reo Māori, or approval from the teacher in charge.

| CREDITS AVAILABLE              |   |                                | LEVEL 1                |
|--------------------------------|---|--------------------------------|------------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                      |
|                                |   | Internal Unit Standards        | 3                      |
|                                |   |                                | <b>Total Credits</b> 3 |

**Course Description:** This is a full year course, taught in Māori and English.

Students will be able to:

- Recite 2 Karakia
- Describe what happens during a pōwhiri and take an active role in school pōwhiri
- Demonstrate an understanding of some common tikanga Māori
- Communicate about yourself and your family, aspects of your home and social life, school, leisure and other familiar contexts.

**Assessment:** Each topic will be tested and there will be an end-of-year examination.

**Leads to:** Level 1 NCEA Te Reo Māori.

## YEAR 11 TE REO MĀORI

11 MAO

**Entry Requirements:** Successful completion of Year 10 Te Reo Māori. Students who did not complete this programme but have some experience in the language will need to consult with the teacher in charge to gain entry approval.

| CREDITS AVAILABLE              |    |                                | LEVEL 1                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 12 | External Achievement Standards | 12                      |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** This is a full year NCEA course that offers 4 achievement standards, each worth 6 credits. You can achieve a total of 24 credits in NCEA Te Reo Māori Level 1. The focus of this course is to further increase your understanding of the language and to enable you to express yourself in a variety of genres. The contexts in which you will develop these skills continue to be based on your daily life experiences eg. Marae, kura and kāinga.

**Leads to:** Level 2 NCEA Te Reo Māori.

## YEAR 12 TE REO MĀORI

12 MAO

**Entry Requirements:** Successful completion of Level 1 Te Reo Māori or approval from the teacher in charge.

| CREDITS AVAILABLE              |    |                                | LEVEL 2                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 12 | External Achievement Standards | 12                      |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** This course is mainly taught in Te Reo Māori and consists of 2 Internal assessments: Spoken and Portfolio Writing with 2 External assessments: Writing and Reading. By the end of this course students should be able to speak in Te Reo Māori about different situations, express their thoughts on various topics and respond to spoken and written tasks. Their fluency level should be continually increasing.

**Leads to:** Level 3 NCEA Te Reo Māori.

## YEAR 13 TE REO MĀORI

13 MAO

**Entry Requirements:** Successful completion of Level 2 Te Reo Māori or approval from the teacher in charge.

| CREDITS AVAILABLE              |    |                                | LEVEL 3                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 12 | External Achievement Standards | 12                      |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** This course is mainly taught in Te Reo Māori and consists of 2 Internal assessments: Spoken and Portfolio Writing, with 2 External assessments: Writing and Reading. The focus of this course is to further increase your understanding of the language structures to meet your communication needs.

**Leads to:** The study of Te Reo Māori me ōna tikanga at tertiary level or increased employment opportunities.

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# MATHEMATICS AND STATISTICS LEARNING AREA

## Mathematics and Statistics Department Pathways Chart

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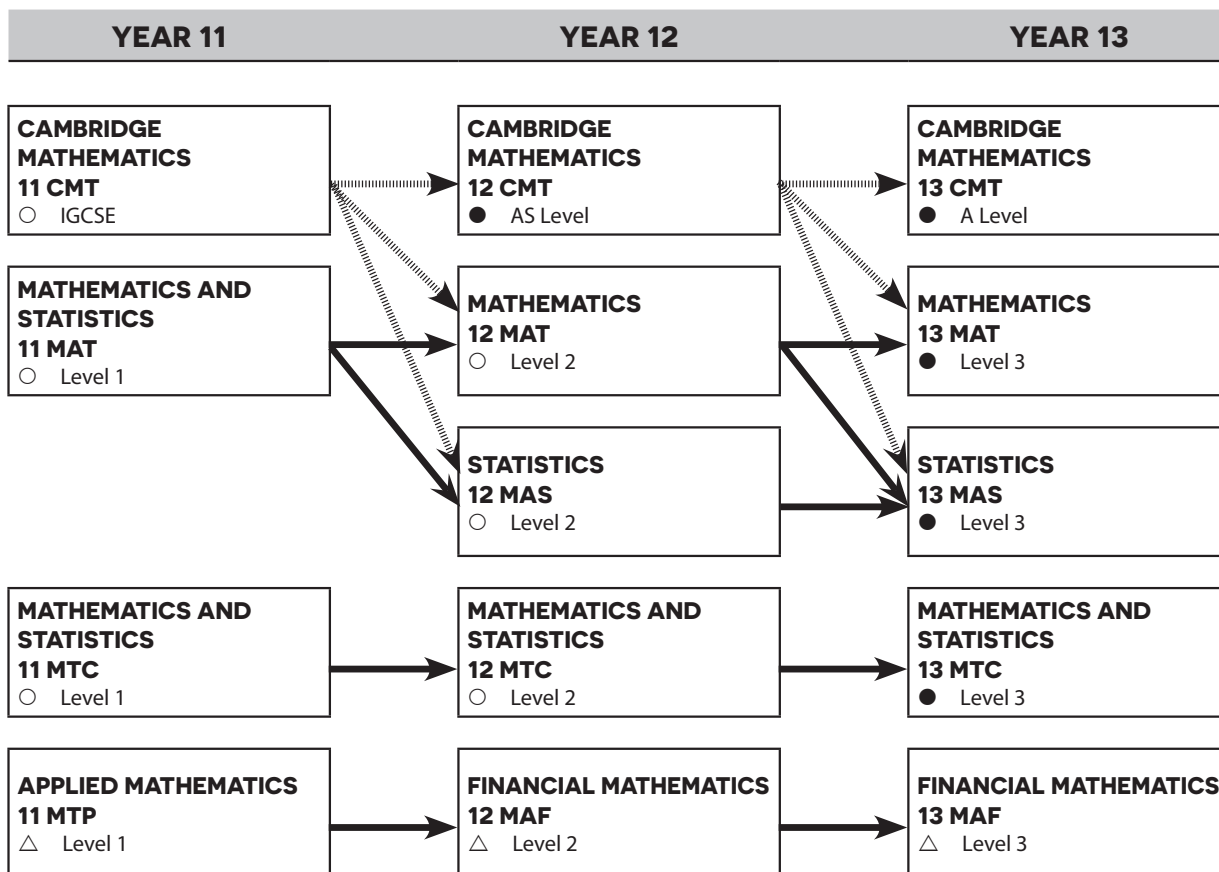
| COURSE   | ENTRY REQUIREMENTS  | PAGE |
|--|---|------|
| 10 MAT Year 10 Mathematics and Statistics                                    | Compulsory subject for all Year 10 students.  | 53   |
| 11 CMT Year 11 Cambridge - IGCSE Mathematics                                 | Majority Merit or Excellence grades from 10MAT.   | 53   |
| 11 MAT Year 11 NCEA Level 1 Mathematics and Statistics                       | Majority Merit or Excellence grades from 10MAT.   | 53   |
| 11 MTC Year 11 NCEA Level 1 Core Mathematics and Statistics                  | Majority Achieved grades from 10MAT.  | 54   |
| 11 MTP Year 11 NCEA Level 1 Applied Mathematics and Statistics               | Majority Yet to achieve grades from 10MAT.  | 54   |
| 12 CMT Year 12 Cambridge AS Mathematics                                      | B grade or higher in IGCSE Mathematics, or at the Director's discretion.                                    | 54   |
| 12 MAT Year 12 NCEA Level 2 Mathematics                                      | 16 Achievement Standard credits from 11MAT, with good grades in Algebra and Geometry.                       | 54   |
| 12 MAS Year 12 NCEA Level 2 Statistics                                       | 16 Achievement Standard credits from 11MAT with Merit in AS91035, or at Director's discretion.              | 54   |
| 12 MTC Year 12 NCEA Level 2 Core Mathematics and Statistics                  | 16 Achievement Standard credits from NCEA Level 1 Mathematics or Statistics.                                | 55   |
| 12 MAF Year 12 NCEA Level 2 Financial Mathematics                            | 16 credits of NCEA Level 1 Mathematics or Statistics or at Director's discretion.                           | 55   |
| 13 MSS Year 13 Scholarship Mathematics and Statistics                        | Successful completion of either 13CMT, 13MAT or 13MAS in Year 12, with AS or excellence course endorsement. | 55   |
| 13 CMT Year 13 Cambridge A2 Mathematics                                      | D Grade or higher in AS Mathematics, or at the Director's discretion.                                       | 55   |
| 13 MAT Year 13 NCEA Level 3 Mathematics (UE Calculus)                        | 14 Achievement Standard credits from 12MAT, with good grades in Algebra and Calculus.                       | 55   |
| 13 MAS Year 13 NCEA Level 3 (UE Statistics)                                  | 14 Achievement Standard credits from 12MAT or 12MAS, with good grades in Statistics (for 12MAS students).   | 56   |
| 13 MTC Year 13 NCEA Level 3 Core Mathematics and Statistics (UE Mathematics) | 14 Achievement Standard credits from NCEA Level 2 Mathematics or Statistics.                                | 56   |
| 13 MAF Year 13 Financial Mathematics   | 14 Achievement Standard credits from NCEA Level 2 Mathematics or or Financial literacy.                     | 56   |

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



# MATHEMATICS AND STATISTICS DEPARTMENT SENIOR PATHWAYS



## YEAR 10 MATHEMATICS AND STATISTICS

**10 MAT**

**Entry Requirements:** Compulsory subject for all Year 10 students.

| CREDITS AVAILABLE              |   |                                | LEVEL 1              |
|--------------------------------|---|--------------------------------|----------------------|
| Internal Achievement Standards | 2 | External Achievement Standards | 0                    |
|                                |   | Internal Unit Standards        | 3                    |
|                                |   |                                | <b>Total Credits</b> |
|                                |   |                                | <b>5</b>             |

**Course Description:** The course builds on the knowledge and strategies gained from Year 9 Mathematics, by continuing to focus on the development of key concepts from the Number and Algebra, Measurement and Geometry, and strands of the New Zealand curriculum.

**Assessment:** Based on tests completed at the end of each major topic and a two hour examination at the end of the year.

**Leads to:** 11 CMT, 11 MAT, 11 MTC or 11 MTP

## YEAR 11 MATHEMATICS (IGCSE)

**11 CMT ○**

**Entry Requirements:** Majority Merit or Excellence grades from 10 MAT, or at the Director's discretion.

**Course Description:** The course covers topics in number, probability, shape, space, algebra and geometry. Strong number and algebra skills are required for the course.

**Assessment:** Two examination papers with no coursework

**Leads to:** 12 CMT, 12 MAT or 12 MAS

## YEAR 11 MATHEMATICS AND STATISTICS

**11 MAT**

**Entry Requirements:** Majority Merit or Excellence grades from 10MAT.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 ○            |
|--------------------------------|----|--------------------------------|----------------------|
| Internal Achievement Standards | 11 | External Achievement Standards | 12                   |
|                                |    | Internal Unit Standards        | 0                    |
|                                |    |                                | <b>Total Credits</b> |
|                                |    |                                | <b>23</b>            |

### CORE COURSES

□ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

△ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

**Course Description:** The course covers topics in number, algebra, patterns and relationships, right-angled triangles, geometric reasoning, and statistical investigations. Strong number and algebra skills are required for the course.

**Leads to:** 12 MAT or 12 MAS

## YEAR 11 CORE MATHEMATICS AND STATISTICS 11 MTC

**Entry Requirements:** Majority Achieved grades from 10MAT.

| CREDITS AVAILABLE              |    |                                | LEVEL 1                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 20 | External Achievement Standards | 0                       |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 20 |

**Course Description:** The course covers topics in number, algebra, patterns and relationships, right-angled triangles, geometric reasoning, and statistical investigations.

**Leads to:** 12 MTC

## YEAR 11 APPLIED MATHEMATICS AND STATISTICS 11 MTP

**Entry Requirements:** Majority Yet to achieve grades from 10MAT.

| CREDITS AVAILABLE              |    |                                | LEVEL 1                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 10 | External Achievement Standards | 0                       |
|                                |    | Internal Unit Standards        | 10                      |
|                                |    |                                | <b>Total Credits</b> 20 |

**Course Description:** This is a course that enables students to meet the numeracy requirements for NCEA Level 1, and University Entrance. The course covers topics in number, measurement, probability and media studies.

**Leads to:** 12 MAF

## YEAR 12 MATHEMATICS AND STATISTICS COURSES

**Students generally take only one Mathematics or course at Year 12. Students who wish to take both 12 MAT and 12 MAS should discuss this selection with the Director of Mathematics.**

## YEAR 12 CAIE MATHEMATICS (AS) 12 CMT •

**Entry Requirements:** B grade or higher in IGCSE Mathematics is recommended, or at the Director's discretion.

**Course Description:** The course demands a mastery of algebra which will form a solid foundation for other topics. The course covers pure mathematics topics in algebra, calculus, co-ordinate geometry, trigonometry, and sequences and series. topics covered include data representation, permutations and combinations, probability and expectation algebra.

**Assessment:** Two examination papers (P1 and S1) with no coursework.

**Leads to:** 13 CMT, 13 MAC or 13 MAS

## YEAR 12 MATHEMATICS 12 MAT

**Entry Requirements:** 16 AS credits from 11MAT with good grades in Algebra and Geometry.

| CREDITS AVAILABLE              |    |                                | LEVEL 2                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 11 | External Achievement Standards | 9                       |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 20 |

**Course Description:** The course covers topics in algebra, graphs, trigonometric methods and equations, and calculus. Strong algebra skills are required for the course. **Students who plan to only take 13MAS in Year 13 are strongly advised to take 12MAS instead of, or as well as, 12MAT. Students who are undecided as to whether to take 13MAT or 13MAS or both in Year 13, should take 12MAT in Year 12.**

**Leads to:** 13MAT or 13MAS

## YEAR 12 STATISTICS 12 MAS

**Entry Requirements:** 16 Achievement Standard credits from 11MAT with Merit in AS91035, or at Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 2                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 17 | External Achievement Standards | 4                       |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 21 |

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

**Course Description:** The course covers topics in experiments, statistical inference, probability and simulation, statistical literacy, sequences and simultaneous equations.

**Leads to:** 13 MAS

## YEAR 12 CORE MATHEMATICS AND STATISTICS 12 MTC

**Entry Requirements:** 16 AS credits from NCEA Level 1 Mathematics or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 20 | External Achievement Standards | 0       | Internal Unit Standards | 0 | Total Credits | 20 |

**Course Description:** The course covers topics in networks, sequences, co-ordinate geometry, equations, sampling methods, statistical inference, and experimental design.

**Leads to:** 13 MTC

## YEAR 12 FINANCIAL MATHEMATICS 12 MAF

**Entry Requirements:** 16 credits of NCEA Level 1 Mathematics or at the Director's discretion.

| CREDITS AVAILABLE              |  |   |                                |  |   | LEVEL 2                 | △ |    |               |    |
|--------------------------------|--|---|--------------------------------|--|---|-------------------------|---|----|---------------|----|
| Internal Achievement Standards |  | 9 | External Achievement Standards |  | 0 | Internal Unit Standards |   | 11 | Total Credits | 20 |

**Course Description:** The course covers topics in personal financial management, sequences, statistical methods, equations, and statistical literacy. Please note that only 10 of the credits available for this course are from the mathematics and achievement standards.

**Leads to:** 13 MAF

## YEAR 13 MATHEMATICS AND STATISTICS COURSES

**With the exception of students who wish to take both 13 MAT and 13 MAS, students can take only one Mathematics course at Year 13.**

## YEAR 13 SCHOLARSHIP MATHEMATICS AND STATISTICS 13 MSS

**Entry Requirements:** Successful completion of either 13CMT, 13MAT or 13MAS in Year 12 with A\* or Excellence course endorsement.

**Course Description:** The course will offer one of two first-stage papers from University of Auckland, one in Mathematics and one in Statistics. Students will also work towards the NZQA Scholarship examinations in Calculus or Statistics.

**Leads to:** University

## YEAR 13 CAIE MATHEMATICS (A2) 13 CMT

**Entry Requirements:** D Grade or higher in AS Mathematics, or at the Director's discretion.

**Course Description:** The course builds on skills and knowledge gained in the AS-level Mathematics course. The course covers pure mathematics topics in algebra, functions, calculus, numerical methods, vectors, differential equations and complex numbers. Topics covered include the Poisson distribution, random variables and formal statistical inference.

**Assessment:** Two examination papers (P3 and S2) with no coursework.

**Leads to:** University.

## YEAR 13 MATHEMATICS (UE CALCULUS) 13 MAT

**Entry Requirements:** 14 AS credits from 12MAT with good grades in Algebra and Calculus.

| CREDITS AVAILABLE              |   |                                |    |                         | LEVEL 3 | ●                |
|--------------------------------|---|--------------------------------|----|-------------------------|---------|------------------|
| Internal Achievement Standards | 9 | External Achievement Standards | 17 | Internal Unit Standards | 0       | Total Credits 26 |

**Course Description:** The course covers topics in complex numbers, algebra, differentiation, integration, and trigonometry. Strong algebra skills are required for the course.

**Leads to:** University

### CORE COURSES

☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

△ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# YEAR 13 STATISTICS (UE STATISTICS)

**13 MAS**

**Entry Requirements:** 14 AS credits from 12MAS or 12MAT or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 12 | External Achievement Standards | 8       | Internal Unit Standards | 0 | Total Credits | 20 |

**Course Description:** The course covers topics in formal statistical inferences, bi-variate data, time series data, probability distributions and statistically based reports. There is a strong analytical and modelling focus for the course, and students will develop skills in using statistical software to analyse data.

**Leads to:** University

# YEAR 13 CORE MATHEMATICS AND STATISTICS (UE MATHEMATICS)

**13 MTC**

**Entry Requirements:** 14 credits of NCEA L2 Mathematics or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 20 | External Achievement Standards | 0       | Internal Unit Standards | 0 | Total Credits | 20 |

**Course Description:** The course covers topics in linear programming, simultaneous equations, formal inference, bi-variate data, time series, experiments, and critical path analysis.

**Leads to:** University

# YEAR 13 FINANCIAL MATHEMATICS

**13 MAF**

**Entry Requirements:** 14 credits of NCEA L2 Mathematics or Financial Literacy or at the Director's discretion.

| CREDITS AVAILABLE              |   |                                | LEVEL 3 | △                       |    |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards | 8 | External Achievement Standards | 0       | Internal Unit Standards | 13 | Total Credits | 21 |

**Course Description:** The course covers topics in linear programming, simultaneous equations and critical path analysis using financial contexts. Personal Financial Management and Financial literacy standards if needed.

# HEALTH & PHYSICAL EDUCATION LEARNING AREA

**Health and Physical Education Department Pathways Chart**

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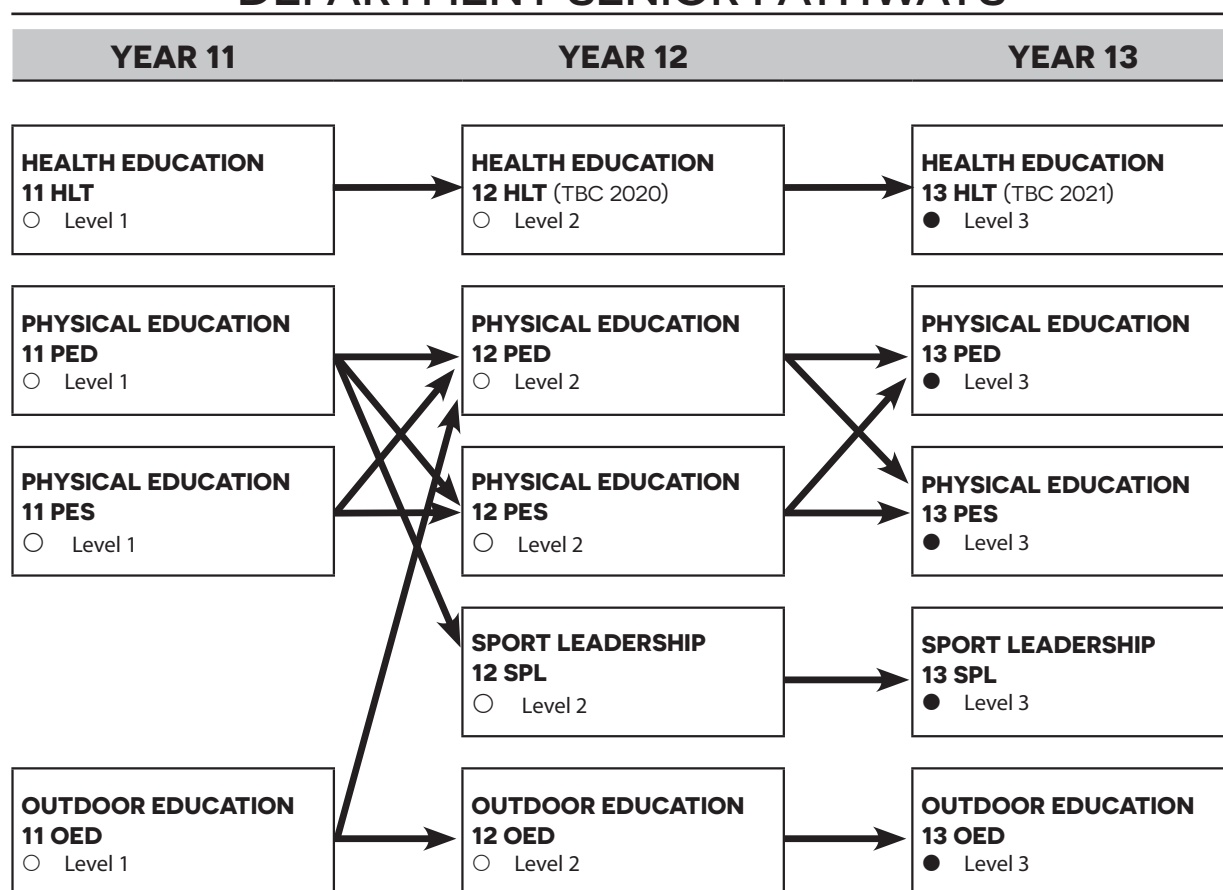
| COURSE |  | ENTRY REQUIREMENTS  | PAGE |
|--------|--|---|------|
| 10 HPE | Year 10 Health and Physical Education              | Compulsory subject for all Year 10 students.  | 58   |
| 10 SPC | Year 10 Sport Academy                              | See Director of Sports Academy for further information.   | 58   |
| 11 HLT | Year 11 NCEA Health Education                      | Satisfactory completion of the Year 10 Health and Physical Education programme as determined by the Director.   | 58   |
| 11 PED | Year 11 NCEA Physical Education                    | Satisfactory completion of Year 10 Health and Physical Education programme as determined by the Director.   | 58   |
| 11 PES | Year 11 NCEA Physical Education (Sports Advantage) | Satisfactory completion of the Year 10 Health and Physical Education programme and of the Sports Academy Programme as determined by the Director.   | 59   |
| 11 OED | Year 11 Outdoor Education                          | Satisfactory completion of the Year 10 Health and Physical Education programme as determined by the Director, references from Taurewa leader, home room, previous teachers and Dean. Reasonable level of fitness. | 59   |
| 12 PED | Year 12 NCEA Physical Education                    | Achieved in PE 1.2 or at the discretion of the department Director.   | 59   |
| 12 PES | Year 12 NCEA Physical Education                    | Satisfactory completion of 11 PES Programme.  | 60   |

## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

|        |                                 |  |    |
|--------|---------------------------------|--|----|
| 12OED  | Year 12 Outdoor Education       | Satisfactory completion of the Year 11 Outdoor Education or Physical Education programme as determined by the Director of OED and PE and Health, interview with Director if required. References from Taurewa Camp Leader, Home room teacher, previous teachers, school counsellors and dean. Reasonable level of fitness. | 60 |
| 12 SPL | Year 12 NCEA Sports Leadership  | Entry onto this course is at the discretion of the Director.   | 60 |
| 13 PED | Year 13 NCEA Physical Education | 12 Level 2 credits in PE including in AS 2.2 or with the approval of the department Director (Students must be actively participating in a sport).   | 61 |
| 13 PES | Year 13 NCEA Physical Education | Satisfactory completion of 12 PES Programme.   | 61 |
| 13OED  | Year 13 Outdoor Education       | Satisfactory completion of the Year 12 Outdoor Education or Physical Education programme as determined by the Director of OED and PE and Health, interview with Director if required, References from Taurewa Camp Leader, Home room teacher, Previous teachers, School Counsellors and Dean. Reasonable level of fitness. | 61 |
| 13 SPL | Year 13 NCEA Sports Leadership  | Satisfactory completion of Year 12 Sports Leadership or 12PED, or at the discretion of the Director.   | 62 |

## HEALTH AND PHYSICAL EDUCATION DEPARTMENT SENIOR PATHWAYS



### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# YEAR 10 HEALTH AND PHYSICAL EDUCATION

10 HPE

**Entry Requirements:** Compulsory.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>3</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 3</b> |

**Course Description:** Further development of knowledge, understanding and the practical skills in: health education, ball handling skills, kicking activities, racquet skills, striking activities, sport and leisure activities. Students will continue their personal fitness profile and analyse their own fitness needs. Students will be encouraged to recognise and accept their roles as leaders and supporters, with an emphasis on co-operation and sharing.

**Assessment:** Practical skills development. Collection of information. Social and personal development.

**Leads to:** 11 PED

# YEAR 10 SPORT ACADEMY

10 SPC

**Entry Requirements:** Satisfactory completion of 9SPC.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>0</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>3</b> | <b>Total Credits 3</b> |

**Course Description:** This course is designed for students to develop upon the skills and knowledge of students within their selected codes to enhance their performance. Students will learn how to best prepare for athletic performance, develop their components of fitness, understand how the body functions and enhance leadership skills.

Codes offered in Sports Academy are: Rugby, Football, Basketball, Netball, Hockey and Cricket.

**Leads to:** 11PED/PES

# YEAR 11 HEALTH EDUCATION

11 HLT

**Entry Requirements:** Satisfactory completion of the Year 10 Health and Physical Education programme as determined by the Director.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1                 |
|--|---|----------------------------------|-------------------------|
| Internal Achievement Standards <b>16</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 20</b> |

**Course Description:** This course is designed for students to develop their understanding of the factors that influence the health of individuals, groups, and society, including lifestyle, economic, social, cultural, political, and environmental factors. Students will develop competencies for mental wellness, safety management, reproductive health and positive sexuality, as well as develop an understanding of nutritional needs.

Students build resilience through:

- Strengthening their personal identity and sense of self-worth
- Managing change and loss
- Engaging in processes for responsible decision making.
- They will learn to demonstrate empathy, and they develop skills that enhance relationships.

Students use these skills and understandings to take critical action to promote personal, interpersonal, and societal well-being.

**Leads to:** 12 HLT (TBC 2020)

# YEAR 11 PHYSICAL EDUCATION

11 PED

**Entry Requirements:** Satisfactory completion of the Year 10 Health and Physical Education programme as determined by the Director.

| CREDITS AVAILABLE                        |   |                                  | Level 1                 |
|--|---|----------------------------------|-------------------------|
| Internal Achievement Standards <b>23</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 23</b> |

**Course Description:** This course is designed for students with an interest in sport and physical activity. Students who choose this subject must be prepared to participate in a range of different sports and physical activities to apply theory contexts learned in class. Students will learn about:

- Factors that influence their participation
- Anatomy, biomechanics and physiology
- Skill acquisition
- Social Responsibility

## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



- Safety in the outdoors

The course has five achievement standards. One of the standards is a performance based standard. All other standards have practical and theoretical elements that are assessed.

**Leads to:** 12PED/PES, 12SPL

## YEAR 11 PHYSICAL EDUCATION (SPORTS ADVANTAGE) 11 PES

**Entry Requirements:** Satisfactory completion of the Year 10 Health and Physical Education programme and of the Sports Academy Programme as determined by the Director.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 23 | External Achievement Standards | 0       | Internal Unit Standards | 0 | Total Credits | 23 |

**Course Description:** This course is designed for students with an interest in sport and physical activity.

Students who choose this subject must be prepared to participate in a range of different sports and physical activities to apply theory contexts learned in class. Students will learn about:

- Factors that influence their participation
- Anatomy, biomechanics and physiology
- Skill acquisition
- Social Responsibility
- Safety in the outdoors

The course has five achievement standards. One of the standards is a performance based standard. All other standards have practical and theoretical elements that are assessed.

**Leads to:** 12PED/PES, 12SPL

## YEAR 11 OUTDOOR EDUCATION 11 OED

**Entry Requirements:** Satisfactory completion of the Year 10 health and Physical Education programme as determined by the Director, References from Taurewa leader, home room, previous teachers and Dean. Reasonable level of fitness.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 18 | External Achievement Standards | 0       | Internal Unit Standards | 2 | Total Credits | 20 |

**Course Description:** The course is designed to be part of the pathway for students to become future leaders, pursue a passion for the outdoors and the environment and can also lead to pathways in PE and Senior Outdoor Education in following years.

It is an expectation that all students will take part in all school based physical activities, be available for all practical activities outside school including some weekend time, have the fees paid on time for activities and have appropriate outdoor clothing for any activities outside of the school according to the school's EOTC policy. It is also expected that all course work, assessments and tests including homework from other subjects must be completed before a student will be allowed to attend any activity or trip.

A large part of the year consists of Outdoor Education experiences in the outdoors at many locations around the Upper North Island. All trips are designed to focus on students NCEA Assessments, unit standards and can be contributed to those enrolling in the Duke of Edinburgh Bronze Award. Course costs are \$540 for 11OED. Students cannot take PE and OED at the same time.

## YEAR 12 PHYSICAL EDUCATION 12 PED

**Entry Requirements:** Achieved in AS 1.2 in 11 PED or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 19 | External Achievement Standards | 0       | Internal Unit Standards | 2 | Total Credits | 21 |

**Course Description:** This course is designed for students with an interest in sport and physical activity. Students who choose this subject must be prepared to participate in a range of different sports and physical activities to apply theory contexts learned in class. Students will learn about:

- Biophysical principles in the learning of skills
- Influence of self, others and society in an event
- Social Responsibility
- Implementing a physical activity

The course has five achievement standards and one unit standard. One of the achievement standards is a performance based standard. All other standards have practical and theoretical elements that are assessed.

**Leads to:** 13PED, 13PES

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# YEAR 12 PHYSICAL EDUCATION (SPORTS ADVANTAGE) 12 PES

**Entry Requirements:** Satisfactory completion of the 11 PES Programme.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 2                 |
|--|---|----------------------------------|-------------------------|
| Internal Achievement Standards <b>20</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 20</b> |

**Course Description:** This course is designed for students with an interest in sport and physical activity. Students who choose this subject must be prepared to participate in a range of different sports and physical activities to apply theory contexts learned in class. Students will learn about:

- Biophysical principles in the learning of skills
- The effect of biophysical principles in training
- Influence of self, others and society in an event
- Implementing a physical activity

The course has five achievement standards. One of the achievement standards is a performance based standard. All other standards have practical and theoretical elements that are assessed.

**Leads to:** 13PED, 13PES

# YEAR 12 OUTDOOR EDUCATION 12 OED

**Entry Requirements:** Satisfactory completion of the Year 11 Outdoor Education or Physical Education programme as determined by the Director of OED and PE and Health, interview with Director if required, References from Taurewa Camp Leader, Home room teacher, Previous teachers, School Counsellors and Dean. Reasonable level of fitness.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 2                 |
|--|---|----------------------------------|-------------------------|
| Internal Achievement Standards <b>17</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>9</b> | <b>Total Credits 26</b> |

**Course Description:** This is the continuation of the Outdoor Education subject at Avondale College it is designed for students to become our future leaders or those who wish to pursue a passion for the environment and outdoor activities. It is expected that those wanting to enrol will continue onto year 13OED.

Due to the large safety aspect needed in Outdoor Education there will be a classes of only 20 students. Students will be chosen for their leadership potential, academic success and ability to achieve excellence in Outdoor Education. In choosing 12OED there will be a commitment academically, of personal time, physically and financially.

It is an expectation that all students will:

- Take part in all practical based physical activities
- Be available for all activities outside of school including some evening and weekend time
- Have appropriate outdoor clothing for any activities outside of the school according to the schools EOTC policy.
- It is also expected that all course work, assessments and tests including homework from other subjects must be completed before a student will be allowed to attend an activity or trip.
- A large part of the year consists of outdoor activities at many locations around the North Island.
- Have the trip costs paid on time for activities: Course costs are \$560 for 12OED

All trips are designed to focus on students NCEA Assessments, unit standards and can be contributed to those enrolling in the Duke of Edinburgh Silver award. Students cannot take PE and OED at the same time.

# YEAR 12 SPORT LEADERSHIP 12 SPL

**Entry Requirements:** Entry onto this course is at the discretion of the Director.

| CREDITS AVAILABLE                       |   |                                   | LEVEL 2                 |
|---|---|-----------------------------------|-------------------------|
| Internal Achievement Standards <b>7</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>13</b> | <b>Total Credits 20</b> |

**Course Description:** This course is designed for students with an interest in sport and physical activity. Students who choose this subject must be prepared to participate in a range of different sports and physical activities to apply theory contexts learned in class. Students will learn about:

- Group processes and teamwork
- Adventure based learning
- Anatomy
- Stretching
- Coaching

The course has two achievement standards and four unit standards. One of the achievement standards is a performance based standard. All other standards have practical and theoretical elements that are assessed.

**Leads to:** 13SPL

## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

# YEAR 13 PHYSICAL EDUCATION

**13 PED**

**Entry Requirements:** 12 credits in Level 2 Physical Education including credits in AS 2.2, or at the Director's discretion.

| CREDITS AVAILABLE              |    |                                |   | LEVEL 3                 |   |               |    |
|--------------------------------|----|--------------------------------|---|-------------------------|---|---------------|----|
| Internal Achievement Standards | 20 | External Achievement Standards | 0 | Internal Unit Standards | 0 | Total Credits | 20 |

**Course Description:** This course is designed for students with an interest in sport and physical activity. Students who choose this subject must be prepared to participate in a range of different sports and physical activities to apply theory contexts learned in class. There is a significant amount of theory and written work in this course.

Students will learn about:

- Evaluate a training programme
- Leadership styles
- The influence of shortened sports on society
- Physical activity experiences past, present and future

The course has five achievement standards and one unit standard. One of the achievement standards is a performance based standard. All other standards have practical and theoretical elements that are assessed.

**Leads to:** University and tertiary sports, physical education and teaching degrees and courses. (e.g. BPE, BSM,BSL).

The course will also be helpful for related courses such as medicine, physiotherapy, nursing science, nutritional science armed services and the Police force.

# YEAR 13 PE (SPORTS ADVANTAGE)

**13 PES**

**Entry Requirements:** Satisfactory completion of 12 PES Programme.

| CREDITS AVAILABLE              |    |                                |   | LEVEL 3                 | ● |               |    |
|--------------------------------|----|--------------------------------|---|-------------------------|---|---------------|----|
| Internal Achievement Standards | 20 | External Achievement Standards | 0 | Internal Unit Standards | 0 | Total Credits | 20 |

**Course Description:** This course is designed for students with an interest in sport and physical activity. Students who choose this subject must be prepared to participate in a range of different sports and physical activities to apply theory contexts learned in class. There is a significant amount of theory and written work in this course.

Students will learn about:

- Evaluate a training programme
- Leadership styles
- The influence of shortened sports on society
- Physical activity experiences past, present and future

The course has five achievement standards and one unit standard. One of the achievement standards is a performance based standard. All other standards have practical and theoretical elements that are assessed.

**Leads to:** University and tertiary sports, physical education and teaching degrees and courses. (e.g. BPE, BSM,BSL).

The course will also be helpful for related courses such as medicine, physiotherapy, nursing science, nutritional science armed services and the Police force.

# YEAR 13 OUTDOOR EDUCATION

**13 OED**

**Entry Requirements:** Satisfactory completion of the Year 12 Outdoor Education or Physical Education programme as determined by the Director of OED and PE and Health, interview with Director if required, References from Taurewa Camp Leader, Home room teacher, Previous teachers, School Counsellors and Dean. Reasonable level of fitness.

| CREDITS AVAILABLE              |    |                                |   | LEVEL 3                 | ●  |               |    |
|--------------------------------|----|--------------------------------|---|-------------------------|----|---------------|----|
| Internal Achievement Standards | 19 | External Achievement Standards | 0 | Internal Unit Standards | 10 | Total Credits | 29 |

**Course Description:** This course is the culmination of Outdoor Education at Avondale College. It is designed for students to become our future leaders and those who wish to pursue a passion for the environment and outdoor activities.

A large part of the year consists of outdoor activities at many locations around the North Island.

All trips are designed to focus on students NCEA Assessments, unit standards and can be contributed to those enrolling in the Duke of Edinburgh Silver and Gold awards.

Due to the large safety aspect needed in Outdoor Education there will be a classes of only 20 students. Students will be chosen for their leadership potential, academic success and ability to achieve excellence in Outdoor Education. In choosing 13OED there will be a commitment academically, of personal time, physically and financially.

## CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

## ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

13OED is University Approved as it uses 19 NCEA Achievement standards from Physical Education. Students cannot take OED and PE at the same time.

It is an expectation that all students will:

- Take part in all practical based physical activities
- Be available for all activities outside of school including some evening and weekend time
- Have the trip costs paid on time for activities: Course costs are \$680 for 13OED
- Have appropriate outdoor clothing for any activities outside of the school according to the schools EOTC policy.

It is also expected that all course work, assessments and tests including homework from other subjects must be completed before a student will be allowed to attend an activity or trip.

## YEAR 13 SPORT LEADERSHIP

## 13 SPL

**Entry Requirements:** Satisfactory completion of Year 12 Sports Leadership or 12PED, or at the discretion of the Director.

| CREDITS AVAILABLE              |   |                                | LEVEL 3 | <input type="radio"/>   |    |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards | 8 | External Achievement Standards | 0       | Internal Unit Standards | 12 | Total Credits | 20 |

**Course Description:** This course is designed for students with an interest in sport and physical activity. Students who choose this subject must be prepared to participate in a range of different sports and physical activities to apply theory contexts learned in class. Students will learn about:

- Physical activity experiences past, present and future
- Exercise techniques
- Event management

The course has two achievement standards and two unit standards. One of the achievement standards is a performance based standard. All other standards have practical and theoretical elements that are assessed.

**Leads to:** Certificate of Sports Leadership from MIT.

## SCIENCE LEARNING AREA

### Science Department Pathways Chart

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| COURSE                                   | ENTRY REQUIREMENTS   | PAGE |
|--|--|------|
| 10 SCI Year 10 Science                   | Compulsory subject for all Year 10 students, which includes 4 Level 1 credits.   | 65   |
| 11 CBI Year 11 Cambridge IGCSE Biology   | Satisfactory completion of the Year 10 Science course with 'M6' grades in all Biology topics for Year 10, or at Director's discretion.   | 65   |
| 12 CBI Year 12 Cambridge AS Biology      | IGCSE grade C or higher in a suitable subject is recommended, or at Director's discretion if below C (NB. All AS candidates should have already studied the IGCSE course in this subject). | 65   |
| 13 CBI Year 13 Cambridge A2 Biology      | AS Grade 'D' or above in Biology is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).             | 66   |
| 11 CCH Year 11 Cambridge IGCSE Chemistry | Satisfactory completion of the Year 10 Science course with 'M6' grades in all Chemistry topics for Year 10, or at Director's discretion.   | 66   |
| 12 CCH Year 12 Cambridge AS Chemistry    | IGCSE grade C or higher in a suitable subject is recommended, or at Director's discretion if below C (NB. All AS candidates should have already studied the IGCSE course in this subject). | 66   |
| 13 CCH Year 13 Cambridge A2 Chemistry    | AS Grade 'D' or above in Chemistry is recommended, or at the Director's discretion. (NB. All A2 candidates must have already studied the AS course in this subject).                       | 66   |
| 11 CPH Year 11 Cambridge IGCSE Physics   | Satisfactory completion of the Year 10 Science course with 'M6' grades in all Physics topics for Year 10, or at Director's discretion.   | 67   |
| 12 CPH Year 12 Cambridge AS Physics      | IGCSE grade B or higher in a suitable subject is recommended, or at Director's discretion if below B (NB. All AS candidates should have already studied the IGCSE course in this subject). | 67   |

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

|        |                                       |  |    |
|--------|---------------------------------------|--|----|
| 13 CPH | Year 13 Cambridge A2 Physics          | AS Grade 'C' or above in Physics is recommended, or at the Director's discretion if below 'C' (NB. All A2 candidates must have already studied the AS course in this subject).                                     | 67 |
| 11 HOR | Year 11/12 NCEA Horticultural Science | Satisfactory completion of the Junior Science course.  | 68 |
| 12 HOR | Year 12/13 NCEA Horticultural Science | 10 credits from Level 1 Horticultural Science or equivalent in Science.  | 68 |
| 13 HOR | Year 13 NCEA Horticultural Science    | 10 credits from Level 2 Horticultural Science or equivalent in Science or economics.   | 68 |
| 11 HBI | Year 11 NCEA Human Biology            | Satisfactory completion of the Junior Science course. A4 grades in all Year 10 Biology topics.   | 68 |
| 11 SCI | Year 11 NCEA Science                  | At least M6 in all Science assessments throughout Year 10.   | 69 |
| 11 SCC | Year 11 NCEA Core Science             | This course will be recommended to students who have achieved in 50% of assessments and tests over the Y10 Science course.   | 69 |
| 11 SCP | Year 11 NCEA Practical Science        | This course is recommended for those students who have made limited progress in Year 10 Science.   | 69 |
| 12 SCI | Year 12 NCEA Science                  | Minimum of 14 Level 1 Science credits including 4 credits at Merit level.  | 69 |
| 12 BIO | Year 12 NCEA Biology                  | Biology 1.5 and/or S1.9 standards, and any Level 1 English standard.   | 69 |
| 13 BIO | Year 13 NCEA Biology                  | 8 credits from Level 2 Biology Externals + at least 1 Internal pass.   | 70 |
| 12 CHE | Year 12 NCEA Chemistry                | Science 1.5 external standard.   | 70 |
| 13 SCI | Year 13 NCEA Science                  | Minimum of 14 Level 2 Science credits including 4 from AS91191.  | 70 |
| 13 SCC | Year 13 NCEA Core Science             | Minimum of 14 Level 2 Science credits from any Science subject.  | 70 |
| 13 CHE | Year 13 NCEA Chemistry                | 11 credits from Level 2 Chemistry including a minimum of two from Chemistry 2.4, 2.5 or 2.6.   | 70 |
| 12 PHY | Year 12 NCEA Physics                  | Science 1.1 or Physics 1.3 and achievement in external Level 1 algebra standard.   | 71 |
| 13 PHY | Year 13 NCEA Physics                  | Minimum of 13 credits from Level 2 Physics, with Achieved in both 2.4 (AS91171 mechanics) and 2.6 (AS91173 electricity), OR any 3 Level 2 Physics standards, and achievement in Mathematics 2.1 (Level 2 Algebra). | 71 |

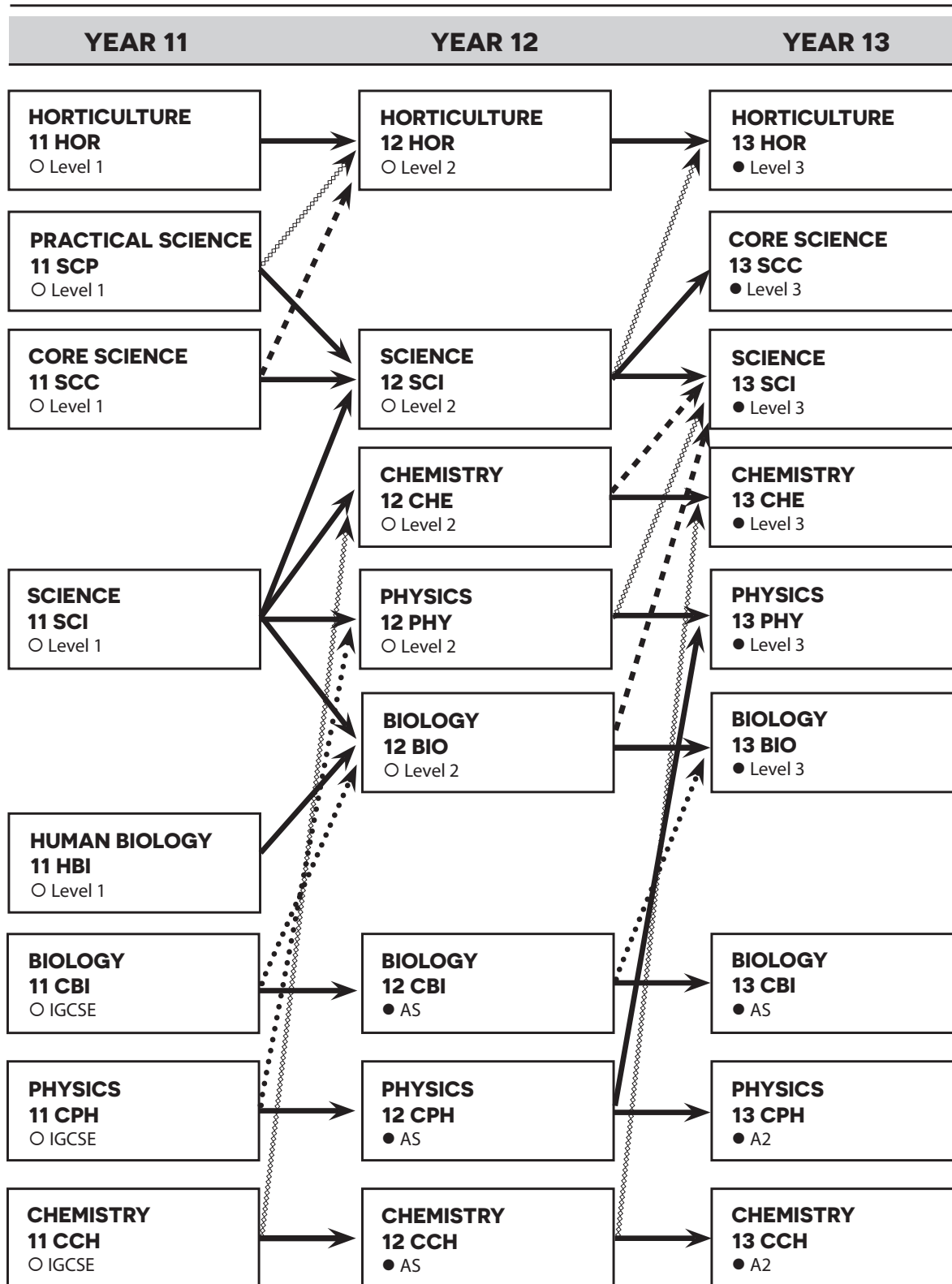
#### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

#### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

# SCIENCE DEPARTMENT SENIOR PATHWAYS



## FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



# YEAR 10 SCIENCE

10 SCI

**Entry Requirements:** Compulsory subject for all Year 10 students.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>4</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 4</b> |

**Course Description:** Topics are arranged under the general headings as outlined in the science curriculum at level 5 - the material world, the physical world, the living world, the planet earth and beyond.

**Assessment:** will be a combination of tests, assignments and an end-of-year exam. Assessment is an integral part of the teaching programme. One of the topics includes a level 1 Achievement Standard, which will give the potential to gain 4 Level 1 NCEA credits.

**Leads to:** 11 SCI, 11 SCC, 11 SCP, 11 HOR, 11 HBI, 11 CBI, 11 CCH, 11 CPH

# YEAR 11 BIOLOGY (IGCSE)

11 CBI ○

**Entry Requirements:** Satisfactory completion of the Year 10 Science course with 'M6' grades or better in all Biology topics in Year 10.

**Course Description:**

- To provide a worthwhile educational experience for all students, whether or not they go on to study science beyond this level. The course aims to develop students who can become confident citizens in a technological world and to take or develop an informed interest in scientific matters; also to be suitably prepared for studies beyond the IGCSE level in pure sciences, in applied sciences or in science-dependent vocational courses.
- To develop abilities and skills that are relevant to the study and practice of Biology; are useful in everyday life; encourage safe practice; encourage effective communication.
- To develop attitudes relevant to Biology such as concern for accuracy and precision; objectivity; integrity; enquiry; initiative; inventiveness.
- To stimulate interest in, and care for, the environment.

**Course Outline:** Cells, Animal Nutrition, Plant Nutrition and Transport, Respiration and Human Transport, Co-ordination and Response, Plant Reproduction, Human Reproduction, Inheritance and Evolution, Organisms and Environment, Human Influences on the Environment.

**Assessment:** The three assessment objectives in Biology are:

- Knowledge with understanding (50% of the Assessment with not more than 25% recall)
- Handling information and solving problems (30% of the Assessment)
- Experimental skills and investigations (20% of the Assessment) The examination will include 3 papers.

**Leads to:** AS Biology or NCEA Level 2 Biology

# YEAR 12 BIOLOGY (AS)

12 CBI ●

**Entry Requirements:** IGCSE Grade 'C' or above in Biology is recommended, or at Director's discretion if below a 'C' grade. **Course Description** This course is aimed at able Year 12 students. This course places a greater emphasis on the understanding and application of scientific concepts and principles whilst still giving a thorough introduction to the study of Biology.

**Course Outline:** This course is divided into eleven topics with practical skills spread throughout them.

- Cell Structure
- Biology Molecules
- Enzymes
- Cell Membranes and Transport
- Cell and Nuclear Division
- Genetic Control
- Transport
- Gas Exchange
- Infectious Disease
- Immunity
- Ecology

**Assessment:** Students are assessed with three external examination papers.

**Leads to:** A Level Biology

## CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

## ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 13 BIOLOGY (A2)

13 CBI ●

**Entry Requirements:** AS Grade 'D' or above in Biology is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).

**Course Description:** This course is aimed at able Year 13 students. This course places a greater emphasis on the understanding and application of scientific concepts and principles, whilst still giving a thorough introduction to the study of Biology.

**Course Outline:** There are ten topics with practical skills spread throughout them. There are five core topics"

- Energy and Respiration
- Photosynthesis
- Regulation and Control
- Inherited Change (Gene technology now in Gene Technology below)
- Selection and Evolution

There are five Applications of Biology:

- Biodiversity and Conservation
- Gene Technology
- Gas Exchange
- Biotechnology
- Crop Plants
- Aspects of Human Reproductions

**Assessment:** A level candidates will be assessed in two external examination papers.

**Leads to:** Tertiary courses

## YEAR 11 CHEMISTRY (IGCSE)

11 CCH ○

**Entry Requirements:** Satisfactory completion of the Year 10 Science course with 'M6' grades or better in all Chemistry topics in Year 10.

**Course Description:**

- To provide a worthwhile educational experience for all students, whether or not they go on to study science beyond this level. The course aims to develop students who can become confident citizens in a technological world and to take or develop an informed interest in scientific matters; also to be suitably prepared for studies beyond the IGCSE level in pure sciences, in applied sciences or in science-dependent vocational courses.
- To develop abilities and skills that are relevant to the study and practice of Chemistry; are useful in everyday life; encourage safe practice; encourage effective communication.
- To develop attitudes relevant to Chemistry such as concern for accuracy and precision; objectivity; integrity; enquiry; initiative; inventiveness.
- To stimulate interest in, and care for, the environment.

**Course Outline:** Collision theory, Separation techniques, Structure and Bonding, Nature's materials: metals, non- metals, Chemical calculations, Chemical reactions, Nature's materials: air and water, Physical chemistry, Organic chemistry.

**Assessment:** The three assessment objectives in Chemistry are:

- Knowledge with understanding (50% of the Assessment with not more than 25% recall)
- Handling information and solving problems (30% of the Assessment)
- Experimental skills and investigations (20% of the Assessment) The examination will include 3 papers:

**Leads to:** AS Chemistry or NCEA Level 2 Chemistry

## YEAR 12 CHEMISTRY (AS)

12 CCH ●

**Entry Requirements:** IGCSE Grade 'C' or above in a suitable subject is recommended, or at Director's discretion if below 'C'.

**Course Description:** This syllabus is designed to place emphasis on the understanding and application of scientific concepts and principles in the study of Chemistry.

**Course Outline:** Particles: Atoms and molecules, Experimental skills, Physical chemistry, Inorganic chemistry, Organic chemistry.

**Assessment:** Students are assessed with three external examination papers including a large practical component.

**Leads to:** A Level Chemistry.

## YEAR 13 CHEMISTRY (A2)

13 CCH ●

**Entry Requirements:** AS Grade 'D' or above in Chemistry is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

**Course Description:** This syllabus is designed to place emphasis on the understanding and application of scientific concepts and principles in the study of Chemistry.

**Course Outline:**

- Physical chemistry
- Inorganic chemistry
- Organic chemistry
- Analytical chemistry
- Planning, analysis and evaluation practical skills

**Assessment:**

- a) Knowledge with understanding (42% - no more than 27% recall)
- b) Handling information and solving problems (35%)
- c) Experimental skills and investigation (23%)

Students are assessed with two external examination papers.

**Leads to:** Tertiary courses.

## YEAR 11 PHYSICS (IGCSE)

**11 CPH ○**

**Entry Requirements:** Satisfactory completion of the Year 10 Science course with 'M6' grades or better in all Physics topics in Year 10.

**Course Description:**

- a) To provide a worthwhile educational experience for all students, whether or not they go on to study science beyond this level. The course aims to develop students who can become confident citizens in a technological world and to take or develop an informed interest in scientific matters; also to be suitably prepared for studies beyond the IGCSE level in pure sciences, in applied sciences or in science-dependent vocational courses.
- b) To develop abilities and skills that are relevant to the study and practice of Physics; are useful in everyday life;
- c) To encourage safe practice; encourage effective communication.
- d) To develop attitudes relevant to Physics such as concern for accuracy and precision; objectivity; integrity; enquiry; initiative; inventiveness.
- e) To stimulate interest in, and care for, the environment.

**Course Outline:** Light, Electricity, Energy, Mechanics, Electromagnetism, Heat, Waves, Atomic Physics, Electronics

**Assessment:** The three assessment objectives in Physics are:

A. Knowledge with understanding (50% of the Assessment with not more than 25% recall) B. Handling information and solving problems (30% of the Assessment) C. Experimental skills and investigations (20% of the Assessment) The examinations will include 3 papers.

**Leads to:** AS Physics or NCEA Level 2 Physics

## YEAR 12 PHYSICS (AS)

**12 CPH ●**

**Entry Requirements:** IGCSE Grade 'B' or above in a suitable subject is recommended, or at Director's discretion if below 'B'. 2018 NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal who will consult the Director. Course Description This syllabus emphasises the understanding and application of scientific concepts and principles of Physics.

**Course Outline:** General Physics, Newtonian Physics, Matter, Oscillations and Waves, Electricity and Magnetism, Modern Physics, Gathering and Communicating Information

**Assessment:** Three external examination papers

**Leads to:** A Level Physics

## YEAR 13 PHYSICS (A2)

**13 CPH ●**

**Entry Requirements:** Entry Requirements AS Grade 'C' or above in Physics is recommended, or at the Director's discretion if below 'C' (NB. All A2 candidates must have already studied the AS course in this subject).

**Course Description:** This syllabus emphasises the understanding and application of scientific concepts and principles of Physics.

**Course Outline:** General Physics, Newtonian Physics, Matter, Oscillations and Waves Electricity and Magnetism Modern Physics. Gathering and Communicating Information

**Assessment:** Two external examination papers.

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### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 11 HORTICULTURAL SCIENCE

11 HOR

**Entry Requirements:** Satisfactory completion of the Junior Science course.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 22 | External Achievement Standards | 0       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** This course is an entry level course into Horticulture. It is taught through a mix of NZQA achievement standards and level 2 ITO industry standards. It is a practical based course with students learning skills such as propagation through seed sowing and cuttings, landscaping and investigation techniques. It is assessed by internal assessment only.

**Leads to:** 12 HOR

## YEAR 12 HORTICULTURAL SCIENCE

12 HOR

**Entry Requirements:** 10 credits in Level 1/2 Horticultural Science or equivalent in Science.

| CREDITS AVAILABLE              |   |                                | LEVEL 2 | <input type="radio"/>   |    |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards | 4 | External Achievement Standards | 0       | Internal Unit Standards | 11 | Total Credits | 15 |

| CREDITS AVAILABLE              |   |                                | LEVEL 3 | <input type="radio"/>   |    |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards | 0 | External Achievement Standards | 0       | Internal Unit Standards | 10 | Total Credits | 10 |

**Course Description:** This course is taught through a mix of level 2 and 3 standards. Students build on the skills gained from 11HOR and develop asexual propagation skills such as budding and grafting, cuttings and division and move their landscaping skills to a higher level. They are involved in the Trees for Survival program and gain industry recognised standards. It is assessed by internal assessment only.

**Leads to:** 13 HOR

## YEAR 13 HORTICULTURAL SCIENCE

13 HOR

**Entry Requirements:** 10 credits in Level 2 Horticultural Science or Level 2 Science.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |    |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards | 10 | External Achievement Standards | 4       | Internal Unit Standards | 10 | Total Credits | 24 |

**Course Description:** This course is an advanced course aimed at those who have completed 12HOR. It is based on developing the propagation skills and producing a crop for market. It looks at commercial production and how a profit can be made.

**Assessment:** is by internal and external assessment.

## YEAR 11 HUMAN BIOLOGY

11 HBI

**Entry Requirements:** Satisfactory completion of the Junior Science course with A4 grade or better in all Year 10 Biology topics.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 15 | External Achievement Standards | 7       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** The course is useful for students as a companion subject to science for those interested in nursing. Human biology is also useful if taking up physical education in Year 12. Topics include functioning of the human systems, practical investigation, human defense against diseases, human digestive and reproductive systems, maintenance of normal body functioning and genetics.

**Leads to:** 12 BIO with Director approval.

## YEAR 11 SCIENCE COURSES

There are three Year 11 Science courses. You must choose the course that seems to fit your requirements most closely, but the department will then check and ensure that you are assigned to a course that is most appropriate to your rate of progress.

### FULL COURSES

- ☐ A full academic course preparing students comprehensively for study at the next level in the subject.
- ☒ A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

## YEAR 11 SCIENCE

11 SCI

**Entry Requirements:** Must gain M6 in all Science assessments throughout the year.

| CREDITS AVAILABLE              |   |                                | LEVEL 1                 |
|--------------------------------|---|--------------------------------|-------------------------|
| Internal Achievement Standards | 8 | External Achievement Standards | 16                      |
|                                |   | Internal Unit Standards        | 0                       |
|                                |   |                                | <b>Total Credits</b> 24 |

**Course Description:** The course is taught through six standards, with two standards from each of Biology, Chemistry and Physics. This is a very full course and students must be prepared to work hard throughout the year. It is designed to lead to Level 2 study in all areas of Science.

**Leads to:** 12 BIO, 12 CHE, 12 PHY, 12 HOR, 12 SCI

## YEAR 11 CORE SCIENCE

11 SCC

**Entry Requirements:** Successful completion of the Year 10 Science course, with achievement shown across at least half of the assessments during the year.

| CREDITS AVAILABLE              |    |                                | LEVEL 1                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 24 | External Achievement Standards | 0                       |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 24 |

**Course Description:** This course is taught through six standards, with internal standards from each of Biology, Chemistry, Horticulture and Physics.

This is a good course for those that may be interested in continuing to Level 2 Science but prefer a more balanced view of Science. **This does not lead to Level 2 Physics, Biology, Chemistry.**

**Leads to:** 12 SCI, 12 HOR

## YEAR 11 PRACTICAL SCIENCE

11 SCP

**Entry Requirements:** This course will be recommended to students who have made limited progress in Year 10 Science or who want some Science background without necessarily taking it beyond Level 1.

| CREDITS AVAILABLE              |    |                                | LEVEL 1                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 20 | External Achievement Standards | 0                       |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 20 |

**Course Description:** This course is taught through five standards, with standards from each of Biology, Chemistry, Physics, Horticulture and Earth and Space Science. Three of the standards are based on practical investigation skills and the others look at applications of Science that are relevant to all of us. **This does not lead to Level 2 Physics, Biology or Chemistry.**

**Leads to:** 12 HOR or 12SCI (with Director's Approval)

## YEAR 12 SCIENCE

12 SCI

**Entry Requirements:** This course will be recommended to students who have gained a minimum of 14 Level 1 Science credits, including 4 at Merit level.

| CREDITS AVAILABLE              |    |                                | LEVEL 2                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 15 | External Achievement Standards | 4                       |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 19 |

**Course Description:** This course is taught through five standards, from Chemistry and Earth and Space Science.

**Leads to:** 13 SCI, 13HOR

## YEAR 12 BIOLOGY

12 BIO

**Entry Requirements:** Biology 1.5 and/or S1.9 standards and any Level 1 English standard.

| CREDITS AVAILABLE              |    |                                | LEVEL 2                 |
|--------------------------------|----|--------------------------------|-------------------------|
| Internal Achievement Standards | 10 | External Achievement Standards | 12                      |
|                                |    | Internal Unit Standards        | 0                       |
|                                |    |                                | <b>Total Credits</b> 22 |

**Course Description:** The course covers a wide range of topics in Biology: Ecology, Plant and Animal form and function, Cell structure and processes and a heavy emphasis is placed on Genetics. There is one field trip as part of the Ecology unit.

**Leads to:** 13 BIO, 13 SCI, 13SCC

### CORE COURSES

☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 13 BIOLOGY

**13 BIO**

**Entry Requirements:** Minimum of 8 credits in Level 2 Biology Externals and at least 1 Internal Achieved.

| CREDITS AVAILABLE              |   |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 9 | External Achievement Standards | 13      | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** The course is based on evolution, biotechnology and plant/animal behaviour and how these three areas of Biology are interconnected. There is also an internally assessed research unit where students find out about and discuss developments in gene technologies.

**Leads to:** Tertiary courses.

## YEAR 12 CHEMISTRY

**12 CHE**

**Entry Requirements:** Science 1.5 standard.

| CREDITS AVAILABLE              |   |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 7 | External Achievement Standards | 13      | Internal Unit Standards | 0 | Total Credits | 20 |

**Course Description:** The course covers a range of different chemistry topics: Structure and Bonding, Organic chemistry, Reactivity and Equilibrium principles. There is a practically assessed Qualitative Analysis unit and internally assessed Redox standard.

**Leads to:** 13 CHE, 13 SCI, 13SCC

## YEAR 13 SCIENCE

**13 SCI**

**Entry Requirements:** Minimum of 14 credits from Level 2 Science, with 4 from the Level 2 external AS91191.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | <input checked="" type="radio"/> |   |               |    |
|--------------------------------|----|--------------------------------|---------|----------------------------------|---|---------------|----|
| Internal Achievement Standards | 12 | External Achievement Standards | 8       | Internal Unit Standards          | 0 | Total Credits | 20 |

**Course Description:** The course is taught through 5 standards, from Earth and Space Science. One standard uses investigation skills, while the others look at scientific processes in the world around us and how we are affected by them.

**Leads to:** Tertiary courses.

## YEAR 13 CORE SCIENCE

**13 SCC**

**Entry Requirements:** Minimum of 12 credits from Level 2 Sciences.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 21 | External Achievement Standards | 0       | Internal Unit Standards | 0 | Total Credits | 21 |

**Course Description:** The course is taught through 5 standards, from Earth and Space Science. One standard uses investigation skills, while the others look at scientific processes in the world around us and how we are affected by them.

**Leads to:** Tertiary courses related to Science or directly into employment.

## YEAR 13 CHEMISTRY

**13 CHE**

**Entry Requirements:** 11 credits from Level 2 Chemistry including a minimum of two from Chemistry 2.4, 2.5 or 2.6.

| CREDITS AVAILABLE              |   |                                | LEVEL 3 | <input checked="" type="radio"/> |   |               |    |
|--------------------------------|---|--------------------------------|---------|----------------------------------|---|---------------|----|
| Internal Achievement Standards | 9 | External Achievement Standards | 15      | Internal Unit Standards          | 0 | Total Credits | 24 |

**Course Description:** This course covers externally assessed standards; organic, inorganic and physical chemistry. There are also three internally assessed standards: redox, chemical processes and spectroscopic data analysis.

**Leads to:** Tertiary courses.

### FULL COURSES

- ☐ A full academic course preparing students comprehensively for study at the next level in the subject.
- ☒ A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



# YEAR 12 PHYSICS

# 12 PHY

**Entry Requirements:** Science 1.1 or Physics 1.3 and achievement in external Algebra standard.

| CREDITS AVAILABLE                        |  |                                  | LEVEL 2 AND 3           |
|--|--|----------------------------------|-------------------------|
| Internal Achievement Standards <b>10</b> | External Achievement Standards <b>12</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 22</b> |

**Course Description:** The course studies four main areas: experimental techniques, mechanics, electromagnetism, and nuclear physics.

**Leads to:** 13 PHY, 13 SCI, 13SCC

# YEAR 13 PHYSICS

# 13 PHY

**Entry Requirements:** Minimum of 13 credits from Level 2 Physics, with Achieved in both 2.4 (AS91171 mechanics) and 2.6 (AS91173 electricity), OR any 3 Level 2 Physics standards, and achievement in Mathematics 2.1 (Level 2 Algebra).

There are two routes through this course and this will be determined by initial formative assessments. Both routes are UE approved and differ only in the mode of assessment and a small amount of content.

## Route A

| CREDITS AVAILABLE                       |  |                                  | LEVEL 3                 |
|---|--|----------------------------------|-------------------------|
| Internal Achievement Standards <b>7</b> | External Achievement Standards <b>16</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 23</b> |

**Route Description:** The course studies data, mechanics, DC electricity and electromagnetic induction, atomic and nuclear physics, and wave systems.

**Leads to:** Restricted entry Tertiary courses.

## Route B

| CREDITS AVAILABLE                        |  |                                  | LEVEL 3                 |
|--|--|----------------------------------|-------------------------|
| Internal Achievement Standards <b>10</b> | External Achievement Standards <b>10</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 20</b> |

**Route Description:** The course studies data, mechanics, DC electricity and electromagnetic induction, atomic and nuclear physics, and wave systems.

**Leads to:** Tertiary courses.

# SOCIAL SCIENCE LEARNING AREA

## Social Science Department Pathways Chart

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| COURSE                                   | ENTRY REQUIREMENTS   | PAGE |
|--|--|------|
| 10 SOS Year 10 Social Science            | Compulsory subject for all Year 10 students.   | 73   |
| 11 CGE Year 11 Cambridge IGCSE Geography | Satisfactory completion of the Junior Social Science course with good end-of-year examination results.   | 74   |
| 12 CGE Year 12 Cambridge AS Geography    | IGCSE Grade 'C' or above in Geography, English, History or Biology, or with Director/HOD approval. 2018 NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal.   | 74   |
| 13 CGE Year 13 Cambridge A2 Geography    | AS Grade 'D' or above in Geography or at the Director's discretion. You must have completed AS Geography to be able to take this course.   | 74   |
| 11 CHS Year 11 Cambridge IGCSE History   | Satisfactory completion of the Junior Social Science programme with good end-of-year examination results, or by Director's or HOD's approval.  | 74   |
| 12 CHS Year 12 Cambridge AS History      | IGCSE Grade 'D' or above in a suitable subject is recommended, or at Director's discretion if below 'D'. 2018 NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal who will consult the Director. Pass 11CHS (or exceptional completion of 11HIS or 11ENL). | 75   |
| 13 CHS Year 13 Cambridge A2 History      | AS Grade 'D' or above in History is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).   | 75   |

## CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

## ENTRY COURSES

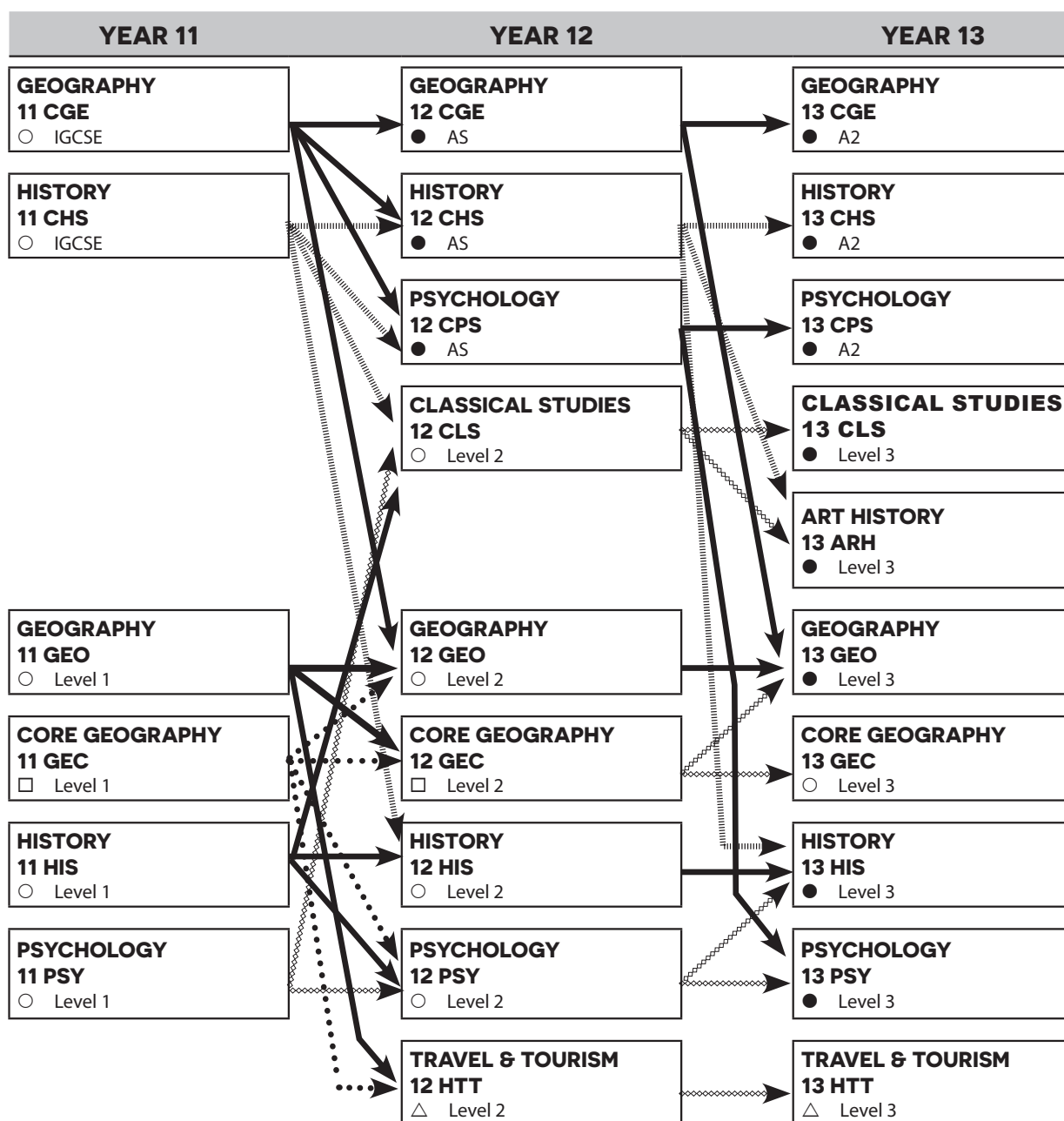
- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

|        |                                 |   |    |
|--------|---------------------------------|---|----|
| 12 CPS | Year 12 Cambridge AS Psychology | IGCSE Grade 'C' or above in a suitable subject is recommended, or at Director's discretion if below 'C'. 2018 NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal who will consult the HOD. | 75 |
| 13 CPS | Year 13 Cambridge A2 Psychology | AS Grade 'D' or above in Psychology is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).   | 76 |
| 12 CLS | Year 12 NCEA Classical Studies  | 14 credits from Level 1 English, History, or Psychology, or with Director/HOD approval.   | 76 |
| 13 CLS | Year 13 NCEA Classical Studies  | 14 credits from Level 2 Classical Studies, English, History, Art History or Psychology or with Director/HOD approval.   | 76 |
| 11 GEC | Year 11 NCEA Core Geography     | Open Entry.   | 76 |
| 12 GEC | Year 12 NCEA Core Geography     | 8 credits from one of Level 1 Geography, English or History, or with Director/HOD approval.   | 77 |
| 13 GEC | Year 13 NCEA Core Geography     | 8 credits from one of Level 2 Geography, English, History or Classical Studies, or with Director/HOD approval.  | 77 |
| 11 GEO | Year 11 NCEA Geography          | Satisfactory completion of the Junior Social Science programme with good end-of-year examination results.   | 77 |
| 12 GEO | Year 12 NCEA Geography          | 14 credits from one of Level 1 Geography, English or History or with Director/HOD approval.   | 78 |
| 13 GEO | Year 13 NCEA Geography          | 16 credits from one of Level 2 Geography, Classical Studies, English or History or with Director/HOD approval.  | 78 |
| 11 HIS | Year 11 NCEA History            | Satisfactory completion of the Year 10 Social Science Course, including at least an A4 in the end of year exam and an A4 for the the essay assessment.  | 78 |
| 12 HIS | Year 12 NCEA History            | 14 credits from Level 1 History or English, or Director/HOD approval.   | 79 |
| 13 HIS | Year 13 NCEA History            | 14 credits from Level 2 History, Classical Studies, English or Geography or with Director/HOD approval.   | 79 |
| 13 ARH | Year 13 Art History             | 14 Credits from NCEA L2 Classical Studies, English (ENC or ENL) or History.   | 79 |
| 11 PSY | Year 11 NCEA Psychology         | Satisfactory completion of the Year 10 Social Science programme.  | 79 |
| 12 PSY | Year 12 NCEA Psychology         | 14 credits from Level 1 Psychology, or 80 credits from NCEA Level 1.  | 80 |
| 13 PSY | Year 13 NCEA Psychology         | 14 credits from Level 2 Psychology, or 80 credits from NCEA Level 2.  | 80 |
| 12 HTT | Year 12 NCEA Travel & Tourism   | Must have Level 1 Literacy.   | 80 |
| 13 HTT | Year 13 NCEA Travel & Tourism   | Must have Level 2 Literacy. Level 2 Travel and Tourism is advantageous (must have Level 2 in order to be eligible for the National Certificate).  | 80 |

#### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

# SOCIAL SCIENCE DEPARTMENT SENIOR PATHWAYS



## YEAR 10 SOCIAL SCIENCE

**10 SOS**

**Entry Requirements:** Compulsory subject for all Year 10 students.

| CREDITS AVAILABLE (TBC)                 |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>4</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 4</b> |

**Course Description: Topics to include:**

- our global world
- government and people
- the world at risk

**Assessment:** A topic assessment, skills assessment and research inquiry as well as an end-of-year examination.

**Leads to:** Years 11, 12 and 13 Geography, History, Psychology or Economics. Year 12 Legal Studies, Classical Studies, and Travel and Tourism.

### CORE COURSES

- A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- △ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 11 GEOGRAPHY (IGCSE)

11 CGE ○

**Entry Requirements:** Satisfactory completion of the Junior Social Science course with good end-of-year examination results.

**Course Description:** Geography is relevant to everyone, it's interesting and fun. Geography includes lots of activities and looks at real-life situations on field trips and in videos. Topics in the course include:

- The Natural Environment
- Population and Settlement
- Economic Development and the use of Resources.

Through studying this course students develop a sense of place and an understanding of the processes that combine to shape our world. The course investigates how people interact with environments and the impacts that we have as we develop human-made environments. In addition mapping, graphing, resource interpretation, data presentation and decision making are important aspects of this course; skills that are relevant to a range of subjects and valued in the work place. The course includes fieldwork activities in and around school and at least one field trip.

**Assessment:** Students are entered for 3 examination papers at the end of the year

**Leads to:** AS Geography or NCEA Level 2 Geography

## YEAR 12 GEOGRAPHY (AS)

12 CGE ●

**Entry Requirements:** IGCSE Grade 'C' or above in Geography, English, History or Biology, or with Director/HOD approval.

**Geography Course Description:** This course encourages awareness and understanding of the complexity of natural and human systems on earth. Equally important is consideration of the impact of the human race on the environment and how we can manage this to achieve sustainable development of the world. Geography occupies a pivotal position in the understanding and interpretation of social, economic, political and environmental issues.

This course builds upon learning in IGCSE Geography, but it is also suitable for both Year 12 and Year 13 students who may be wanting to study Geography for the first time. The course includes fieldwork activities in and around school and at least one field trip.

**Topics in the course include:**

- Physical Geography      Hydrology and the geography of rivers  
   Atmosphere and weather  
   Rocks and weathering
- Human Geography      Population  
   Migration  
   Settlement dynamics

**Assessment:** Students are entered for one 3-hour examination paper at the end of the year.

**Leads to:** A2 Level Geography or 13 GEO

## YEAR 13 GEOGRAPHY (A2)

13 CGE ●

**Entry requirements:** AS Level grade 'D' or above in Geography. Students can not study this course unless they have passed AS Level Geography. Students wishing to study Geography for the first time in Year 13 should take AS Level Geography or Level 3 NCEA Geography.

**Course Description:** This course builds upon content and skills gained at IGCSE and AS level study. Students widen their knowledge and understanding of the subject, while developing their investigative abilities and their evaluation and decision-making skills. Mapping, graphing, resource interpretation and data presentation are important aspects of this course; skills that are relevant to a range of subjects and valued in the work place. The course includes fieldwork activities in and around school and at least one field trip.

Topics in the course include:

- Advanced Physical Geography      Coastal Environments, Hazardous Environments
- Advanced Human Geography      Environmental Management, Global Interdependence

**Assessment:** Students are entered for two 1.5 hour examination papers at the end of the year.

**Leads to:** a variety of tertiary studies

## YEAR 11 HISTORY (IGCSE)

11 CHS ○

**Entry Requirements:** Satisfactory completion of the Year 10 Social Science course with good end-of-year examination results.

**Course Description:** The IGCSE History course offers students the opportunity to study major international issues of the twentieth century. Students will also undertake a Depth Study on the history of a particular region. Along with the acquisition of knowledge, there is a significant emphasis on the development of historical skills and perspectives.

**Course Outline:**

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

a) International Relations Since 1919

1. Were the Peace Treaties of 1919-23 fair?
2. To what extent was the League of Nations a success?
3. Why had international peace collapsed by 1939?

b) The Cold War, 1945-91

1. How effectively did the USA contain the spread of Communism?
2. How secure was the USSR's control over Eastern Europe, 1948-1989
3. How effective has the United Nations Organisation been?

c) Depth Study

1. A focused study of a particular region during part of the 20th century

**Assessment:** All candidates are entered into three examination papers:

**Leads to:** AS History, AS Classical Studies, or NCEA Level 2 History

## YEAR 12 HISTORY (AS)

12 CHS ●

**Entry requirements:** Pass 11CHS (or exceptional completion of 11HIS or 11ENL)

**Component 1 (Sources):** Origins of the US Civil War, 1846-61

**Component 2 (Outline Study):** Modern European History, 1789-1917

This paper focuses on the key developments that shaped European History from 1789 to 1917. Candidates study these developments in relation to the wider European context and in the light of broader issues: revolution, nationalism, imperialism and war. This allows candidates to develop a more holistic understanding of Europe as a region.

**Component Outline:**

Theme 2 - The Industrial Revolution, c. 1800-1850

Theme 3 – Origins of the First World War, 1900-1914

Theme 4 - The Russian Revolution, 1905-1917

**Assessment:** All candidates entered into 2 examination papers

- The document question (Sources paper), 40%
- Outline Study (Essays), 60%

**Leads to:** 13CHS, 13 Cambridge Classics, 13HIS, 13CLS

## YEAR 13 HISTORY (A2)

13 CHS ●

**Entry Requirements:** Pass AS history with at least a 'D' grade.

This course will include two components.

**COMPONENT 1** is an interpretations question (source-based) on the causes and impact of British Imperialism, 1850-1939.

**COMPONENT 2** is a depth study on Europe of the Dictators, 1918 - 1941.

## YEAR 12 PSYCHOLOGY (AS)

12 CPS ●

**Entry Requirements:** IGCSE Grade 'C' or above in a suitable subject is recommended, or at Director's discretion if below 'C'. 2018 NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal who will consult the HOD.

**Course Description:** This syllabus aims to encourage an interest in and appreciation of Psychology through an exploration of the ways in which Psychology is conducted. This exploration includes:

- a review of a number of important research studies;
- an opportunity to look at the ways in which Psychology has been applied.

**Course Outline:** Core Studies have been selected to reflect five core areas of Psychology. The studies are arranged under the headings of:

Cognitive Psychology

Social Psychology

Physiological Psychology

Developmental Psychology

The Psychology of Individual Differences.

**Assessment:** The examination will include 2 papers:

**Leads to:** A Level Psychology or NCEA Level 3 Psychology

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 13 PSYCHOLOGY (A2)

**13 CPS ●**

**Entry Requirements:** AS Grade 'D' or above in Psychology is recommended, or at the Director's discretion if below 'D' (NB. All A2 candidates must have already studied the AS course in this subject).

**Course Description:** This is an advanced course in Psychology. The syllabus has been designed as a continuation of AS Psychology, specialising in two fields. This allows for an in-depth exploration into the application of Psychology in different areas.

**Course Outline:** The course is divided into two topics: Abnormal Psychology and Health Psychology. Abnormal Psychology will cover models of abnormality, different psychological disorders and explanations for them from different perspectives. Health Psychology will cover topics such as pain, stress and lifestyles and health promotion.

**Assessment:** The end of year examination will consist of questions on the two topics.

**Leads to:** Stage 1 Psychology at University as well as Tertiary programmes requiring understanding of research methods, critical analysis and communication.

## YEAR 12 CLASSICAL STUDIES

**12 CLS**

**Entry Requirements:** 14 credits from Level 1 English, History or Psychology, or at the discretion of the Director.

| CREDITS AVAILABLE                        |  |                                  | LEVEL 2 <input type="radio"/> |
|--|--|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>10</b> | External Achievement Standards <b>10</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 20</b>       |

**Course Description:** An introduction to ancient Greece and Rome. These civilisations have contributed to our culture through government and legal systems, philosophy, literature, science, mathematics, art and architecture.

The areas studied include history, literature, mythology, archeology, art and architecture.

**Assessment:** Two topics are externally assessed and two topics are internally assessed.

**Leads to:** 13 CLS. General knowledge for future travel. Acquisition of valuable skills for any tertiary study course, especially law and arts degrees.

## YEAR 13 CLASSICAL STUDIES

**13 CLS**

**Entry Requirements:** 14 credits from Level 2 Classical Studies, History, English, Art History, Psychology or at the discretion of the Director.

| CREDITS AVAILABLE                        |  |                                  | LEVEL 3 <input checked="" type="radio"/> |
|--|--|----------------------------------|--|
| Internal Achievement Standards <b>12</b> | External Achievement Standards <b>10</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 22</b>                  |

**Course Description:** A study in aspects of ancient Greece and/or Rome. These civilisations have contributed to our culture through government and legal systems, philosophy, literature, science, mathematics, art and architecture.

The areas studied are History, Literature, and Art History.

Units are studied from this range of topics:

- Roman Art and Architecture
- Alexander the Great
- Significant ideologies in the classical world
- The relationship between aspects of the classical world and other cultures

**Leads to:** Entry into a wide range of tertiary options where analysis, summary and communication skills are valued.

## YEAR 11 CORE GEOGRAPHY

**11 GEC**

**Entry Requirements:** Open entry.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 <input type="checkbox"/> |
|--|---|----------------------------------|----------------------------------|
| Internal Achievement Standards <b>17</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 21</b>          |

**Course Description:** This course gives students the opportunity to study Geography with just one end-of-year external exam. Geography is relevant to everyone, and draws on many subjects. It is about the interaction of people and places. Geography includes lots of activities and looks at real-life situations on field trips and in videos. Geographic Skills such as mapping, graphing, interpretation and photo analysis are taught throughout all the topics.

Topics in the course include:

- Extreme natural events

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



- Study of Volcanoes
- Sustainable Resource Use
- Geographic Research
- Contemporary Geographic Issues
- Global Geography

The course includes fieldwork activities in and around school and at least one field trip.

**Leads to:** 12 GEC, 12 GEO, 12 HTT

## YEAR 12 CORE GEOGRAPHY

**12 GEC**

**Entry Requirements:** 8 credits from one of Level 1 Geography, English or History, or with Director/HOD approval.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 4       | Internal Unit Standards | 3 | Total Credits | 21 |

**Course Description:** This course offers students the opportunity to study Geography with just one end-of-year external exam. Geography is relevant to everyone, and draws on many subjects. It is about the interaction of people and places. Geography includes lots of activities and looks at real-life situations on field trips and in videos. Geographic Skills such as mapping, graphing, interpretation and photo analysis are taught throughout all the topics. Topics in the course include:

- Natural landscapes
- Urban patterns
- Geographic Research
- Contemporary Geographic Issues
- Global Geography

The course includes fieldwork activities in and around school and at least one field trip.

**Leads to:** 13 GEC, 13 GEO

## YEAR 13 CORE GEOGRAPHY

**13 GEC**

**Entry Requirements:** 8 credits from one of Level 2 Geography, English, History, Classical Studies or with Director/HOD approval.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 4       | Internal Unit Standards | 3 | Total Credits | 21 |

**Course Description:** This course offers students the opportunity to study Geography with one end-of-year external exam. Geography is relevant to everyone, and draws on many subjects. It is about the interaction of people and places. Geography includes lots of activities and looks at real-life situations on field trips and in videos. Geographic Skills such as mapping, graphing, interpretation and photo analysis are important aspects of this course; skills that are relevant to a range of subjects and valued in the work place.

Topics in the course include:

- Natural processes
- Analyse an event
- Geographic Research
- Contemporary Geographic Issues
- Global Geography

The course includes fieldwork activities in and around school and at least one day trip. In addition there is a residential field trip to Rotorua.

**Leads to:** a variety of tertiary studies

## YEAR 11 GEOGRAPHY

**11 GEO**

**Entry Requirements:** Satisfactory completion of the junior Social Science programme with good end-of-year examination results.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 8       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Geography is relevant to everyone, and draws on many subjects. It is about the interaction of people and places. Geography includes lots of activities and looks at real-life situations on field trips and in videos. Geographic Skills such as mapping, graphing, interpretation and photo analysis are taught throughout all the topics.

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

Topics in the course include:

- Extreme natural events and volcano eruptions
- Geographic Skills
- Sustainable Resource Use
- Conducting your own Geographic Research
- Contemporary Geographic Issues

The course includes fieldwork activities in and around school and at least one field trip.

**Leads to:** 12 GEO, AS Level Geography

## YEAR 12 GEOGRAPHY

## 12 GEO

**Entry Requirements:** 14 credits from Level 1 Geography, English or History or with Director/HOD approval.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 8       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Geography is relevant to everyone, and draws on many subjects. It is about the interaction of people and places. Geography includes lots of activities and looks at real-life situations on field trips and in videos. Geographic Skills such as mapping, graphing, interpretation and photo analysis are taught throughout all the topics. Topics in the course include:

- Natural landscape
- Urban patterns
- Development Inequalities
- Conducting your own Geographic Research
- Contemporary Geographic Issues
- Global Geography

This course includes fieldwork activities in and around school and at least one field trip.

**Leads to:** 13 GEO or 13 GEC

## YEAR 13 GEOGRAPHY

## 13 GEO

**Entry Requirements:** 16 credits from one of Level 2 Geography, History, Classical Studies or English or with Director/HOD approval.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 8       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Through studying this course students develop a sense of place and an understanding of the processes that combine to shape our world. Mapping, graphing, resource interpretation, data presentation and decision making are important aspects of this course; skills that are relevant to a range of subjects and valued in the work place. Topics in the course include:

- Coastal Processes
- Tourism development
- Analyse an event
- Geographic Research
- Contemporary Geographic Issues
- Global Geography

The course includes fieldwork activities in and around school and at least one day trip. In addition there is a residential field trip to Rotorua.

**Leads to:** a variety of tertiary studies.

## YEAR 11 HISTORY

## 11 HIS

**Entry Requirements:** Satisfactory completion of the Year 10 Social Science Course, including at least an A4 in the end of year exam and an A4 for the the essay assessment.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 12 | External Achievement Standards | 8       | Internal Unit Standards | 0 | Total Credits | 20 |

**Course Description:** This course gives a survey of the 20th Century. There are in depth studies of significant events in New Zealand 20th Century history, a study of World War 2 and its origins and an examination of the Black Civil Rights movement.

**Leads to:** 12 HIS, 12 CLS

### FULL COURSES

- ☐ A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

## YEAR 12 HISTORY

12 HIS

**Entry Requirements:** 14 credits from Level 1 History or English, or Director/HOD approval.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 14 | External Achievement Standards | 9       | Internal Unit Standards | 0 | Total Credits | 23 |

**Course Description:** Having built an understanding of the twentieth century in the Level 1 Course, the Level 2 course aims to develop the analytical skills of students by learning case studies in more depth. The course will comprise three parts:

- 1 Russian Revolutions – the history of Russia from 1900-1924 and the revolutions that shaped it.
- 2 The History of Medicine and Health – a developmental study that covers changes in the way people treated and thought about illness in society from prehistoric times until the Nineteenth Century.  
Inquiry learning into an aspect of history that motivates and engages individual students. Choices range between Maori prophets in the 19th Century, the Cold War, the Crusades, and the Mau Movement, with many other choices available.
- 3 A study of the Vietnam War – the causes and consequences, and with a particular focus on different perspectives on the war.

**Leads to:** 13 HIS, 13 CLS

## YEAR 13 HISTORY

13 HIS

**Entry Requirements:** 14 credits in either Level 2 History, Classical Studies, English or Geography; or by Director's approval.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 15 | External Achievement Standards | 10      | Internal Unit Standards | 0 | Total Credits | 25 |

**Course Description:** This course covers the long nineteenth century, with a focus on the French Revolution, the Industrial Revolution, Nineteenth Century New Zealand, Social Change, and World War One.

**Leads to:** Stage 1 History at University, and also tertiary programmes where research, evidence weighing (source analysis) and communication are important skills. Many tertiary courses such as Medicine, Law, Journalism, and Architecture recommend History.

## YEAR 13 ART HISTORY

13 ARH

**Entry Requirements:** 14 Credits from NCEA L2 Classical Studies, English (ENC or ENL) or History.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | <input checked="" type="radio"/> |   |               |    |
|--------------------------------|----|--------------------------------|---------|----------------------------------|---|---------------|----|
| Internal Achievement Standards | 16 | External Achievement Standards | 4       | Internal Unit Standards          | 0 | Total Credits | 20 |

**Course Description:** Area of focus: The Italian Late Renaissance and Mannerism – Students will study art from Italy in the 15th and 16th centuries, focusing on the style, meanings, and context of the art. Florentine, Venetian and Roman art will be compared, and the role that religion and antiquity had will be examined. Key artists include Michelangelo, Leonardo, Raphael and Titian.

**Leads to:** Entry into tertiary studies by gaining UE Literacy

## YEAR 11 PSYCHOLOGY

11 PSY

**Entry Requirements:** Satisfactory completion of the Year 10 Social Science programme.

| CREDITS AVAILABLE              |    |                                |   | LEVEL 1                                     | <input type="radio"/> |               |    |
|--------------------------------|----|--------------------------------|---|---|-----------------------|---------------|----|
| Internal Achievement Standards | 20 | External Achievement Standards | 0 | Internal Unit Standards with A, M, E grades | 0                     | Total Credits | 20 |

**Course Description:** Psychology is the scientific study of mind and behaviour. In this introductory course students will look at different areas of Psychology taught through the four strands of: Approaches, Methodologies, Fields and Ethics. Assessment will be a mix of class tests, reports and research assignments.

**Leads to:** 12 PSY, 12 CPS

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 12 PSYCHOLOGY

12 PSY

**Entry Requirements:** 14 credits from Level 1 Psychology or NCEA Level 1.

| CREDITS AVAILABLE              |    |   | LEVEL 2                 |
|--------------------------------|----|---|-------------------------|
| Internal Achievement Standards | 20 | External Achievement Standards              | 0                       |
|                                |    | Internal Unit Standards with A, M, E grades | 0                       |
|                                |    |   | <b>Total Credits</b> 20 |

**Course Description:** This is an intermediate course in Psychology. Students will explore and apply the five approaches to Psychology. They also examine the scientific process in terms of psychological research and ethics. Fields within psychology that are covered in the course include Health Psychology, Clinical Psychology, and Social Psychology.

**Assessment:** will be a mix of class tests, applied fieldwork, reports and research assignments.

**Leads to:** 13 PSY

## YEAR 13 PSYCHOLOGY

13 PSY

**Entry Requirements:** 14 credits Level 2 Psychology or 80 credits NCEA Level 2.

| CREDITS AVAILABLE              |    |   | LEVEL 3                 |
|--------------------------------|----|---|-------------------------|
| Internal Achievement Standards | 17 | External Achievement Standards              | 3                       |
|                                |    | Internal Unit Standards with A, M, E grades | 0                       |
|                                |    |   | <b>Total Credits</b> 20 |

**Course Description:** An advanced course in Psychology. It contains an examination of some of the bases of behaviour in depth such as the physiological basis. The course emphasizes directed research using at least two research methodologies. Critical analysis of the Nature/Nurture debate is explained in relation to current psychological theory. Issues that impact on the validity of psychological theory, such as cultural or gender bias, are also examined. Psychology at Level 3 requires effective time management when completing research projects and has an increased emphasis on independent learning.

**Leads to:** Stage 1 Psychology at University as well as Tertiary programmes requiring understanding of research methods, critical analysis and communication.

## YEAR 12 TRAVEL AND TOURISM

12 HTT

### YEAR 1 OF NATIONAL CERTIFICATE IN TOURISM (LEVEL 2)

**Entry Requirements:** Must have Level 1 Literacy.

| CREDITS AVAILABLE              |   |                                | LEVEL 2                            |
|--------------------------------|---|--------------------------------|------------------------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                                  |
|                                |   | Internal Unit Standards        | 33                                 |
|                                |   |                                | <b>Total Credits maximum of</b> 33 |

**Course Description:** This course offers nine Level 2 Travel and Tourism unit standards. To complete the National Certificate in Tourism students need to gain 50 credits over the two year course. This course explores how tourism operates as a business, destinations around the world and within New Zealand along with the way tourism impacts on people and the environment.

**Leads to:** Working in the Travel and Tourism Industry which is New Zealand's fastest growing industry. Allows for further training at polytechnic, university or private providers.

## YEAR 13 TRAVEL AND TOURISM

13 HTT

### YEAR 2 OF NATIONAL CERTIFICATE IN TOURISM (LEVEL 2)

**Entry Requirements:** Must have Level 2 Literacy. Level 2 Travel and Tourism is advantageous (must have Level 2 in order to be eligible for the National Certificate).

| CREDITS AVAILABLE              |   |                                | LEVELS 2                |
|--------------------------------|---|--------------------------------|-------------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                       |
|                                |   | Internal Unit Standards        | 30                      |
|                                |   |                                | <b>Total Credits</b> 30 |

**Course Description:** This course offers six Level 3 Travel and Tourism unit standards. To complete the National Certificate in Tourism (Level 2) students need to gain 50 credits over the two year course. This course involves exploring New Zealand, Australia and the Pacific as tourist destinations as well as investigating the economic significance of tourism and broader tourism geographic knowledge. Being able to work independently and as a team are important skills in this course.

**Leads to:** Working in the Travel and Tourism Industry which is New Zealand's fastest growing industry. Allows for further training at polytechnic, university or private providers.

#### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

# TECHNOLOGY LEARNING AREA

## Technology Department Pathways Charts

### Food and Soft Materials

### Innovation Programme

### Design and Visual Communication

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| COURSE         |  | ENTRY REQUIREMENTS   | PAGE |
|----------------|--|--|------|
| 10 TSM         | Year 10 Soft Materials                       | Completion of the Year 9 Soft Materials Technology course at grade 'A4' or above.  | 83   |
| 11 TFT         | Year 11 NCEA Fashion Technology              | Completion of the Year 10 Soft Materials Technology course at grade 'A4' or above.   | 83   |
| 10 TFN         | Year 10 Food Technology                      | Completion of the Year 9 Food Technology course at grade 'A4' or above.  | 84   |
| 11 TFN         | Year 11 NCEA Food Technology                 | Completion of the Year 10 Food Technology course at grade 'A4' or above.   | 84   |
| 12 TFN         | Year 12 NCEA Food Technology                 | 14 credits from Level 1 Food Technology.   | 84   |
| 13 TFN         | Year 13 NCEA Food Technology                 | 14 credits from Level 2 Food Technology.   | 84   |
| 11 THO         | Year 11 NCEA Hospitality and Catering        | An interest in the Hospitality industry. Completion of Year 10 Food course at grade 'A4' or above.   | 85   |
| 12 THO         | Year 12 NCEA Hospitality and Catering        | Successful completion of Year 11 Hospitality and Catering course.  | 85   |
| 13 THO         | Year 13 NCEA Hospitality and Catering        | Must have successfully completed and achieved Level 2 Hospitality in Year 12.  | 85   |
| 12 TEC         | Year 12 NCEA Early Childhood Education       | 80 Credits from Level 1 NCEA.  | 86   |
| 13 TEC         | Year 13 NCEA Early Childhood Education       | 14 credits from Level 2 Early Childhood Education.   | 86   |
| 10 TPI         | Year 10 NCEA Innovation Programme            | Course completion with merit or excellence for all (or a Microsoft Office Specialist, IC3, Adobe or Autodesk qualification) at Year 9 TPI. Or, by negotiation with the department Director.                                | 87   |
| 11 TPI         | Year 11 NCEA Innovation Programme            | Course completion with A4 average, merit or excellence for all (or a Microsoft Office Specialist, IC3, Adobe or Autodesk qualification) work at Year 10 TPI.   | 87   |
| 12 TPI         | Year 12 NCEA Innovation Programme            | Min 14 Credits Level 1. Course completion with merit or excellence for all (or a Microsoft Office Specialist, IC3, Adobe or Autodesk qualification) work at Year 11 TPI.   | 88   |
| 13 TPI         | Year 13 NCEA Innovation Programme            | Min 14 credits at Level 2. Course completion with merit or excellence for all (and Microsoft Office Specialist, IC3, Adobe or Autodesk qualifications) work at Year 12 TPI.  | 88   |
| 11 CPI         | Year 11 Cambridge IGCSE Innovation Programme | A4 Average, merit or excellence for all (or IC3, Microsoft Office Specialist qualifications, Adobe Certified Associate(s) and or Autodesk Certified User) at Year 10 TPI. Or, by negotiation with the department Director. | 88   |
| 12 CPI         | Year 12 Cambridge AS Innovation Programme    | IGCSE Course completion with C+ (and Microsoft Office Specialist, IC3, Adobe or Autodesk qualifications). Or, only by negotiation with the department Director.  | 88   |
| 13 CPI         | Year 13 Cambridge A2 Innovation Programme    | IGCSE and AS Course completion with C+ (preference given to students with a Microsoft Office Specialist qualification). Or, only by negotiation with the department Director).   | 89   |
| 10, 11, 12, 13 | Innovation Programme                         | By application and negotiation with Director of Innovation Programme.  | 89   |
| 11 TCA         | Year 11 NCEA Carpentry                       | An interest in carpentry, building construction or trade pathway or at the discretion of the Director.   | 90   |

## CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

## ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

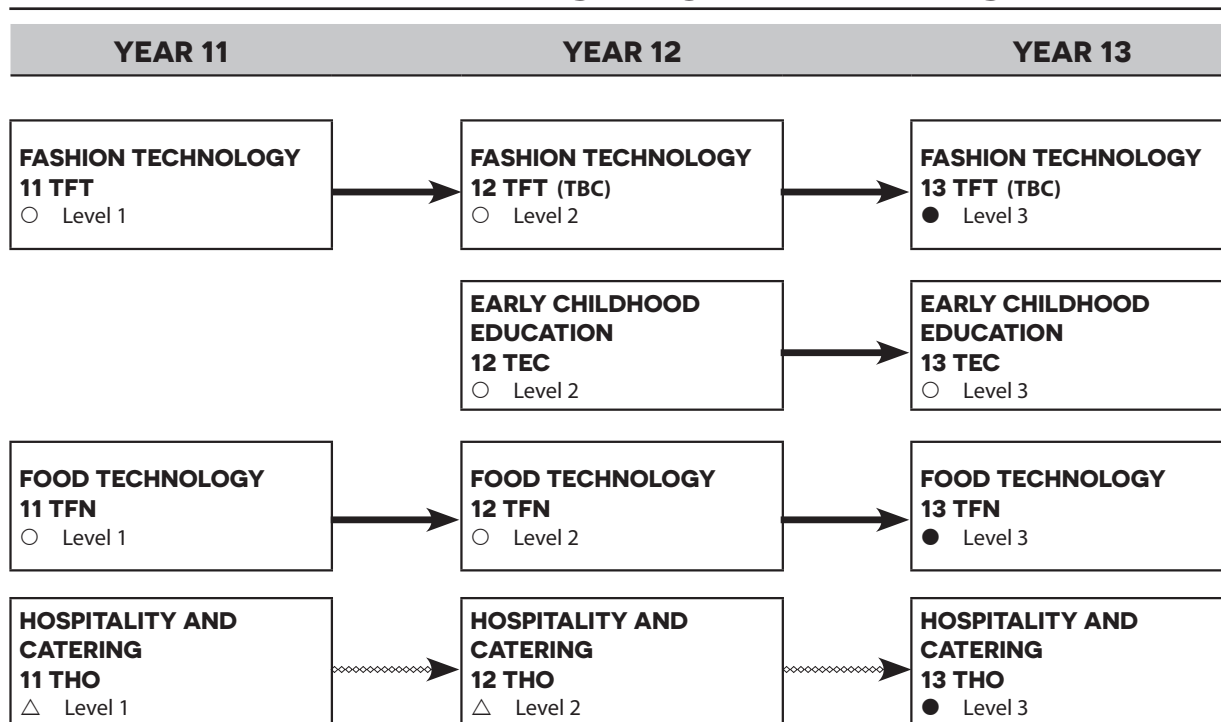
|        |  |   |    |
|--------|--|---|----|
| 12 TCA | Year 12 NCEA Carpentry                       | A minimum of 14 credits from 11 TCA or at the discretion of the Director.   | 91 |
| 13 TCA | Year 13 NCEA Carpentry                       | A minimum of 14 credits from 12 TCA, or at the discretion of the Director.  | 91 |
| 10 TVC | Year 10 Design and Visual Communication      | An aptitude for drawing, design and problem solving is necessary for on-going success in Design and Visual Communication.   | 91 |
| 11 TVC | Year 11 NCEA Design and Visual Communication | Successful completion of the Year 10 Design and Visual Communication course (A4 average grade), or at the discretion of the Director.   | 92 |
| 12 TVC | Year 12 NCEA Design and Visual Communication | Successful completion of the Level 1, Design and Visual Communication course. A minimum of 14 Level 1 credits, including internal and external credits.   | 92 |
| 13 TVC | Year 13 NCEA Design and Visual Communication | Successful completion of the Level 2, Design and Visual Communication course. A minimum of 14 Level 2 credits, including internal and external credits.   | 92 |
| 11 TME | Year 11 NCEA Mechanical Engineering          | Consideration will be given to students who have a keen interest in the engineering pathway available, metal trade apprenticeships and Gateway. Success in junior English and Mathematics is essential (A4 grade or higher) or at Directors discretion. | 93 |
| 12 TME | Year 12 NCEA Mechanical Engineering          | 22 credits from Year 11TME (all credits from 11TME) or at the discretion of the Director.   | 93 |
| 13 TME | Year 13 NCEA Mechanical Engineering          | A minimum of 14 credits from 12 TME or at the discretion of the Director.   | 93 |
| 12 TAE | Year 12 NCEA Automotive Engineering          | 10 credits from Level 1 English and 10 credits from Level 1 Mathematics. Experience in the school workshop would be an advantage.   | 93 |
| 10 TPD | Year 10 Product Development                  | Completion of Year 9 TPD with a minimum 'A4' average or at the discretion of the department Director.   | 94 |
| 11 TPD | Year 11 NCEA Product Development             | Successful completion of the Year 10TPD and/or 10TVC course is essential (grade A4 or higher), or at the discretion of the Director.  | 94 |
| 12 TPD | Year 12 NCEA Product Development             | Successful completion of the Year 11TPD and/or 11TME and/or 11TVC. It is encouraged that students should be confident in using Autodesk Inventor CAD software to design and develop solutions for given problems.                                       | 94 |

#### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



# FOOD AND SOFT MATERIALS TECHNOLOGY DEPARTMENT SENIOR PATHWAYS



## YEAR 10 SOFT MATERIALS TECHNOLOGY

**10 TSM**

**Entry Requirements:** Completion of the Year 9 Soft Materials Technology course at grade 'A4' or above.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>6</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 6</b> |

**Course Description:** Students learn basic soft materials and fashion industry skills, such as research and development, designing and construction to create their own textile products. They develop their lateral thinking skills and improve their ability to problem solve. This is a fantastic introduction to the world of textiles and fashion.

**Assessment:** Continuous assessment through written tests, assignments/projects, product development and product evaluation.

**Leads to:** 11 TSM

## YEAR 11 FASHION TECHNOLOGY

**11 TFT**

**Entry Requirements:** Completion of Year 10 Soft Materials Technology course at grade 'A4' or above.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 <input type="radio"/> |
|--|---|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>16</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 20</b>       |

**Course Description:** Students will gain further skills in fashion drawing, pattern adaptation, construction and the development of a project brief. Students will be expected to design and carry out a range of projects to further their experiences in developing fashion garments.

**Leads to:** 12 TFT

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 10 FOOD TECHNOLOGY

**10 TFN**

**Entry Requirements:** Completion of the Year 9 Food Technology course at grade 'A4' or above.

| CREDITS AVAILABLE                       |   |                                  | LEVEL 1                |
|---|---|----------------------------------|------------------------|
| Internal Achievement Standards <b>5</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 5</b> |

**Course Description:** This is an interactive learning programme for students who have an interest in food production, design and presentation. Students will research, design and produce their own products following the technological process. They will learn about a range of foods and food processing processes.

**Assessment:** Continuous assessment through written tests, assignments/projects, product development and product evaluation.

**Leads to:** 11 TFN, 11 THO

## YEAR 11 FOOD TECHNOLOGY

**11 TFN**

**Entry Requirements:** Completion of Year 10 Food Technology course at grade A4 or above.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 <input type="radio"/> |
|--|---|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>18</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 22</b>       |

**Course Description:** Students will develop their technological capability by applying knowledge and understanding when developing ideas, planning and manufacturing products. Students will use safe and reliable processes for producing, preparing, presenting and storing food. They will design and carry out a range of projects to develop practical skills and increase their experience of working with food.

**Leads to:** 12 TFN

## YEAR 12 FOOD TECHNOLOGY

**12 TFN**

**Entry Requirements:** 14 credits in Level 1 Food Technology.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 2 <input type="radio"/> |
|--|---|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>18</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 22</b>       |

**Course Description:** Students are encouraged to develop a range of new skills in Food Technology.

The structure of the course includes the areas of study listed below:

- Develop techniques for using different planning tools.
- Research and design different food concepts.
- Identifying the role of food ingredients in different products.
- Manufacturing processes in Food Technology.

**Leads to:** 13 TFN Students will have the opportunity as part of the course to complete an industry certification in Microsoft Word and Microsoft PowerPoint.

## YEAR 13 FOOD TECHNOLOGY

**13 TFN**

**Entry Requirements:** 14 credits in Level 2 Food Technology.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 3 <input checked="" type="radio"/> |
|--|---|----------------------------------|--|
| Internal Achievement Standards <b>16</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits 20</b>                  |

**Course Description:** This course encourages students to develop solutions for a number of given issues, building on their prior knowledge and developing their practical skills.

**Leads to:** Study at tertiary level in Food Technology, Food Science, Hospitality and Catering. Students will have the opportunity as part of the course to complete an industry certification in Microsoft Word or Microsoft PowerPoint.

### FULL COURSES

- ☐ A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

## YEAR 11 HOSPITALITY AND CATERING TECHNOLOGY 11 THO

**Entry Requirements:** A keen interest in the Hospitality industry. Satisfactory completion of Year 10 Food Technology course at grade 'A4' or above.

| CREDITS AVAILABLE              |   |                                | LEVEL 1                 |
|--------------------------------|---|--------------------------------|-------------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                       |
|                                |   | Internal Unit Standards        | 21                      |
|                                |   |                                | <b>Total Credits</b> 21 |

**Course Description:** This course introduces students to the exciting and progressive Hospitality and Catering industry. This is an in-depth course ideally fitting for students who wish to pursue a hospitality career. This is an industry funded course which is a recognised qualification in the hospitality industry.

This industry funded course will teach students the following skills:

- Identify career pathways in the hospitality industry.
- Prepare and present meat, fruit and vegetables in the hospitality industry.
- Prepare and present egg and cheese dishes in the hospitality industry.
- Prepare and present sauce and soup in the hospitality industry.
- Prepare and cook a cake, a sponge, and a batch of scones in the hospitality industry.
- Prepare and present hot finger food in the hospitality industry.
- Demonstrate knowledge of knife care, storage and carrying for the hospitality industry.

**Leads to:** 12 THO, Study at tertiary level in Hospitality. Employment in the industry.

## YEAR 12 HOSPITALITY AND CATERING TECHNOLOGY 12 THO

**Entry Requirements:** A keen interest in the Hospitality industry, satisfactory completion of Level 1 Hospitality and Catering.

| CREDITS AVAILABLE              |   |                                | LEVEL 2                 |
|--------------------------------|---|--------------------------------|-------------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                       |
|                                |   | Internal Unit Standards        | 22                      |
|                                |   |                                | <b>Total Credits</b> 22 |

**Course Description:** This course builds on the knowledge gained in Year 11 and is designed as an introduction to working in a commercial kitchen environment. This industry funded course will teach students the following skills:

- Food safety and hygiene techniques.
- Cooking food items by frying, grilling and roasting.
- Fruits and vegetable cuts.
- Preparing restaurant quality sandwiches and salads.
- Preparing espresso beverages.

**Leads to:** 13 THO, study at tertiary level in Hospitality, employment in the industry.

## YEAR 13 HOSPITALITY AND CATERING TECHNOLOGY 13 THO

**Entry Requirements:** Must have successfully completed and achieved Level 2 Hospitality in Year 12.

| CREDITS AVAILABLE              |   |                                | LEVEL 3                 |
|--------------------------------|---|--------------------------------|-------------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0                       |
|                                |   | Internal Unit Standards        | 26                      |
|                                |   |                                | <b>Total Credits</b> 26 |

**Course Description:** This is an in-depth course ideally suited for students who wish to pursue a hospitality career. It is designed to replicate the realism of a commercial workplace setting. This industry funded course will teach students the following skills:

- Expanded knowledge of food hygiene and safe food handling practices.
- How to produce complex sandwiches to café/restaurant standard.
- How to produce cakes, sponges and scones to café/restaurant standard.
- The essentials of nutrition in commercial catering.
- How to produce pasta dishes to café/restaurant standard.
- The essentials of culinary products and terms.

**Leads to:** Study at tertiary level in Hospitality, employment in the industry.

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 12 EARLY CHILDHOOD EDUCATION

12 TEC

**Entry Requirements:** Satisfactory completion of level 1 NCEA.

| CREDITS AVAILABLE              |   |                                |   | LEVEL 2                 | <input type="radio"/> |               |    |
|--------------------------------|---|--------------------------------|---|-------------------------|-----------------------|---------------|----|
| Internal Achievement Standards | 0 | External Achievement Standards | 0 | Internal Unit Standards | 23                    | Total Credits | 23 |

**Course Description:** This course aims to develop knowledge and skills in the practical care and development of young children. Students are expected to attend a childcare centre to enhance learning in the classroom.

Assessment Students will complete 7 Unit Standards, which are assessed through practical and written tasks.

**Leads to:** 13 TEC and/or study at tertiary level in Early Childhood Education. Some of the Unit Standards may be directly cross-credited to tertiary qualifications.

## YEAR 13 EARLY CHILDHOOD EDUCATION

13 TEC

**Entry Requirements:** Satisfactory completion of Level 2 Early Childhood Education.

| CREDITS AVAILABLE              |   |                                | LEVEL 3 | <input type="radio"/>   |    |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards | 0 | External Achievement Standards | 0       | Internal Unit Standards | 23 | Total Credits | 23 |

**Course Description:** This course continues to build on the practical knowledge students demonstrated in 12 TEC. Emphasis will be on child development and behaviour within early childhood centre settings. An introduction to Te Whariki (under 5's) curriculum content and structure will be covered.

**Leads to:** Study at tertiary level in Early Childhood Education, some of the Unit Standards may be directly cross- credited to tertiary qualifications.

### INNOVATION PROGRAMME PATHWAYS

**Please note:** This section has been updated, see attached Innovation Supplement. The supplement replaces the senior Innovation Programme courses listed on pages 87-89 in the Academic Programme 2019.

## INNOVATION PROGRAMME, JUNIOR DIGITAL APPLICATIONS AND CAMBRIDGE ICT

Avondale College's Junior Innovation, NCEA and Cambridge ICT are all embedded parts of one Innovation Programme. With a backdrop of unprecedented international and local education success, the Innovation Programme has gained recognition for offering education through new, fresh and exciting methodologies. On this basis,

Students enter a purpose-built innovation environment which is designed to help them learn how to "think" in a manner where they gain confidence by solving increasingly complex problems, are encouraged to be innovative and relish the freedom to "create". In all courses, students are able to work at their own pace. With no barriers to moving ahead of the plan, students advance quickly and with learning tailored to their own learning styles. They do this by undertaking varying degrees of:

### FULL COURSES

- ☐ A full academic course preparing students comprehensively for study at the next level in the subject.
- ☒ A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

- Develop systems, design and critical thinking skills.
- Collaboration upon the creation of conceptual, prototype, creative and applications.
- Devising and organising system design and project plans individually or in micro-teams so that they could share and manage multiple workloads.

With significant international and local success, graduates from the Avondale College Innovation Programme continue to prove they are able to enter industry and or further education with a significant competitive edge, confidence and aspirations that are targeted towards a range of careers (again not just ICT).

With proven experience and internationally-benchmarked industry credentials, Innovation programme students “hit the ground running” in firms because they are able to provide official and public recognition of their competencies and capabilities in highly sought after professional areas – not found in a traditional test or an exam!

They can enter any employment market equipped with an abundance of highly sought after organisational and innovation focused expertise. Accordingly, they are able to return immediate value having developed and seasoned a higher level of thinking and capability – where others are equipped to drive a new wave of digital entrepreneurialism. As a result of significant growth, waves of international successes and the empowering nature of the programme, voluntary, yet heavily populated, early mornings, weekends and/or holiday initiatives complement timetabled classes.

### **IMPORTANT NOTICE:**

There may be two or more technology subject areas that offer the same generic achievement standards in their courses (e.g. Foods, Soft Material, Graphics and the Innovation Programme may all offer AS 91044 – 1.1 brief development).

If you decide to take two or more technology options that offer the same standard, you can only draw on that achievement standard in one subject area only.

So when planning your technology option subjects:

- check with your technology Directors/teachers first regarding their course outlines
- check that the same standards are not being taught

The Innovation Programme offers the technology standards highlighted below in their subject areas:

## **YEAR 10 INNOVATION PROGRAMME**

**10 TPI**

**Entry Requirements:** Course completion with merit or excellence for all (or a Microsoft Office Specialist, IC3, Adobe or Autodesk qualification) at Year 9 TPI. Or, by negotiation with the department Director.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 1 <input type="checkbox"/> |
|--|---|----------------------------------|----------------------------------|
| Internal Achievement Standards <b>3+</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits (TBC) 3+</b>    |

**Course Description:** Students develop incredible self-resourcefulness by thinking "on the job", experiencing immersion based learning. Using the latest industry technologies, students are encouraged to be as creative as they can be in designing and producing digital solutions. With highly sophisticated 24/7 learning resources, tutorials, free-software and real-time learning management software supporting the programme, students are able to obtain highly sought after industry qualifications from IC3, Microsoft, Adobe and Autodesk. Key themes include digital information management, creativity and productivity applications, digital media and web/application development and or 2/3-D modelling.

**Leads to:** Cambridge IGCSE & Innovation Programme.

## **YEAR 11 INNOVATION PROGRAMME**

**11 TPI**

**Entry Requirements:** Course completion with A4 average, merit or excellence for all (or a Microsoft Office Specialist, IC3, Adobe or Autodesk qualification) work at Year 10 TPI.

| CREDITS AVAILABLE                         |   |                                  | LEVEL 1 <input type="radio"/>  |
|---|---|----------------------------------|--------------------------------|
| Internal Achievement Standards <b>22+</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits (TBC) 22+</b> |

**Course Description:** Students will complete investigative and practical projects to develop a comprehensive understanding of societal, organisational and or consumer factors in our digital technology. They will use a variety of industry standard software applications to produce a range of digital solutions to problems. Students will gain multiple industry qualifications from IC3, Microsoft Office, Microsoft Technology Associate, Adobe and Autodesk as part of developing their digital solutions. In addition, students will learn about digital infrastructures, project management, networks, digital media, web authoring and digital security.

**Leads to:** 12 TPI

### **CORE COURSES**

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### **ENTRY COURSES**

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 12 INNOVATION PROGRAMME

12 TPI

**Entry Requirements:** Min 14 credits Level 1. Course completion with merit or excellence for all (or a Microsoft Office Specialist, IC3, Adobe or Autodesk qualification) work at Year 11 TPI.

| CREDITS AVAILABLE                        |   |                                  | LEVEL 2                       |
|--|---|----------------------------------|-------------------------------|
| Internal Achievement Standards <b>27</b> | External Achievement Standards <b>4</b> | Internal Unit Standards <b>0</b> | <b>Total Credits (TBC) 27</b> |

**Course Description:** Students will build on the content and experience gained in the Year 11 Innovation Programme. They will develop in-depth knowledge and skill in interpreting how emerging digital technology, cloud and or mobility impacts on society, business and or enterprises. Topics covered will include data systems/management, systems/agile projects, Networks/Cyber Security, Digital Media or Software Development. Learning in the course will take the form of students being immersed in industry and experiential projects – which can be used as valuable 'proven experience' for tertiary, job and or career applications.

**Leads to:** 13 TPI, tertiary qualifications and occupations in the many industries including ICT.

## YEAR 13 INNOVATION PROGRAMME

13 TPI

**The achievement standards in this course are University approved.**

**Entry Requirements:** Min 14 credits at Level 2. Course completion with merit or excellence for all (and Microsoft Office Specialist, IC3, Adobe or Autodesk qualifications) work at Year 12 TPI.

| CREDITS AVAILABLE                         |   |                                  | LEVEL 3                        |
|---|---|----------------------------------|--------------------------------|
| Internal Achievement Standards <b>26+</b> | External Achievement Standards <b>0</b> | Internal Unit Standards <b>0</b> | <b>Total Credits (TBC) 26+</b> |

**Course Description:** This course prepares students for the real world. The programme expands a student's in-depth knowledge and skill in interpreting how emerging digital technology, cloud and or mobility impacts on society, business and or enterprises. Topics covered will include deeper focus on data systems/management, systems/agile projects, Networks/Cyber Security, Digital Media or Software Development. Learning in this course will take the form of students being immersed in projects with embedded and highly sought after industry certifications. Students undertake formal project management to support the development and or implementation of several industry projects which validate their employability prospects in an increasing demanding and digital world.

**Leads to:** Tertiary education. Highly relevant for ICT, Software Development, Multimedia Development, Finance, Internet and Telecommunications, networking and any occupation that uses a computer.

## YEAR 11 INNOVATION PROGRAMME (CAIE - IGCSE) 11 CPI ○

**Entry Requirements:** Course completion with A4 Average, merit or excellence prior learning (or IC3, Microsoft Office Specialist qualifications, Adobe Certified Associate(s) and or Autodesk Certified User) at Year 10 TPI. Or, by negotiation with the department Director.

**Course Description:** With a proven international track record in examination success, Avondale College's unique approach to IGCSE helps learners develop not only knowledge and understanding, but is a proven personal development platform offering sought after skills, critical and creative thinking, enquiry and problem solving. Students, with guidance, advance at their own pace while experiencing "real world" learning projects. They develop a comprehensive understanding of societal, organisational and/or consumer factors involved digital technology. In using a variety of industry standard software applications, to produce a range of digital solutions to problems, gain multiple industry qualifications from IC3, Microsoft Office, Microsoft Technology Associate, Adobe and Autodesk as part of developing their digital solutions. IGCSE students experience digital information management, creativity and productivity applications, digital media and web/application development, networks, project and or systems life cycle; and or 2/3-D modelling.

**Leads to:** Cambridge AS & Innovation Programme.

## YEAR 12 INNOVATION PROGRAMME (CAIE - AS) 12 CPI ●

**Entry Requirements:** IGCSE Course completion with C+ (and Microsoft Office Specialist, IC3, Adobe or Autodesk qualifications). Or, only by negotiation with the department Director.

**Course Description:** As students become effective and discerning users of ICT, the programme helps students to advance a broad range of ICT project, practical skills, and knowledge.

Students build on the content and experience gained in the IGCSE Programme. They develop in-depth knowledge and skill, gaining industry certifications and proven experience through projects, in interpreting how emerging digital technology, cloud and or mobility impacts on society, business and or enterprises. Topics covered will include data systems/management, systems/agile projects, Networks/Cyber Security, Systems life cycle, Enterprise systems, Mobility, Digital Media or Software Development.

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



# YEAR 13 INNOVATION PROGRAMME (CAIE - A2) **TECHNICAL**

**Entry Requirements:** IGCSE and AS Course completion with C+ (preference given to students with a Microsoft Office Specialist qualification). Or, only by negotiation with the department Director).

**Course Description:** A2 students gain an in-depth understanding of the structure and use of ICT systems within a broader range of organisational situations, including the use of a variety of computer networks. As a result, students learn and experience ICT system life cycles, and how these affect the workplace teams and performance. They also gain skills in evaluating the effects of the wider impact of ICT on society in general. Students cover a range of software including graphic manipulation and animation – with focus on the Adobe Creative Cloud packages as well as Adobe. Students continue to leverage highly sophisticated Microsoft technologies and embedded qualifications; such as Microsoft Office and Technology Associate. Avondale College's ground breaking immersive learning approach to gaining this qualification as part of Cambridge ICT emboldens the A2 programme, giving student's further leading edge training and highly sought after Strategy and Strategic ICT qualifications.

## YEAR 9 – 13 INNOVATION PROGRAMME \*BEFORE SCHOOL PROGRAMME

**Entry Requirements:** Upon entry all students sit the IC3 GS5 Digital Literacy qualification and a Microsoft Office Specialist training course. Once graduated, they negotiate their commitment to proceed with the department Director – by submitting Innovation ideas that they will work upon and or signing up to a tailored pathway-development programme.

**Course Description:** Open to all students, Avondale's internationally renowned Innovation Programme is far more than an academic and technology programme. This is an exciting 'real world' skill development and experience programme which is gaining significant international and industrial, recognition through Avondale student achievement.

Students develop strong negotiation, interpersonal and presentation skills. They develop creative confidence by learning how to manage complex situations using systems, design and critical thinking skills. Depending on the approach each particular student takes, they gain valuable industry ready skills, and proven experience, by participating in activities and events. Others may seek to develop and project manage the delivery of real solutions using industry and innovation practices including "design thinking". For some (or all), they focus on gaining any one (and often many) industry qualifications across IC3, Microsoft Office Specialist, Microsoft Technology Associate Adobe Certified Associate and Autodesk Certified User.

For others, joining Innovation means gaining an ICT education outside of the timetable. For these students the programme provides access into the highly sought after industry qualifications, without affecting subject choices and means they can also succeed upon a range of specially designed Junior and or NCEA programmes to even advance their timetabled education (across any subject). Additionally – A series of international competitions creates an interesting mix of excitement in the programme – with trips to the United States of America gained by many students since the programme began in 2013.

**Overall:** The programme, as tailored to each student, is formed in such a manner where the students ideate, design, plan and deliver a real-world, end-to-end initiatives or projects (regardless of their school year level or timetabled options) using the very latest in industry standard technologies.

## YEAR 9 – 13 INDUSTRY QUALIFICATIONS **ALL COURSES**

For all Avondale TDA, Cambridge ICT and or Innovation Programme students considering a career in any that has or uses technology, industry certifications are a must have. Avondale Innovation Programme's extensive portfolio of industry certifications validate any student's use of digital technologies.

| Qualification                        | Overview – please email <a href="mailto:mcp@avcol.school.nz">mcp@avcol.school.nz</a> requesting further info on  |
|--------------------------------------|--|
| Microsoft Office Specialist (MOS)    | All students can now demonstrate that they have the deepest level of skills needed to proficiently use Office programs by progressing through the layers of both 2013 and 2016 versions, towards earning a MOS Master certification. MOS Master is the pinnacle distinction and absolute gold dust for advancing your University, gaining an interview, securing precious job opportunities in a seriously competitive world.  |
| MOS EXPERT                           |  |
| MOS MASTER                           |  |
| Microsoft Technology Associate (MTA) | MTA helps Avondale College graduates stand out when submitting role, tertiary study and or internship applications. MTA proves their understanding of a variety of entry-level technology concepts. The MTA certification validates and extends technology concepts learned through Cambridge ICT and the Innovation Programme; in infrastructure, database and development. Avondale offers MTA qualifications at all levels, Jnr TPI, NCEA Level 1 to Level 3, IGCSE, AS, A2 and Innovation. |
| Adobe Certified Associate (ACA)      | ACA gained through Avondale students proves they can use Adobe Creative Cloud which is the same leading edge software and services professionals across a variety of industries use. ACA certification validates students skills and demonstrates their knowledge of top-in the market software to employers.  |

### CORE COURSES

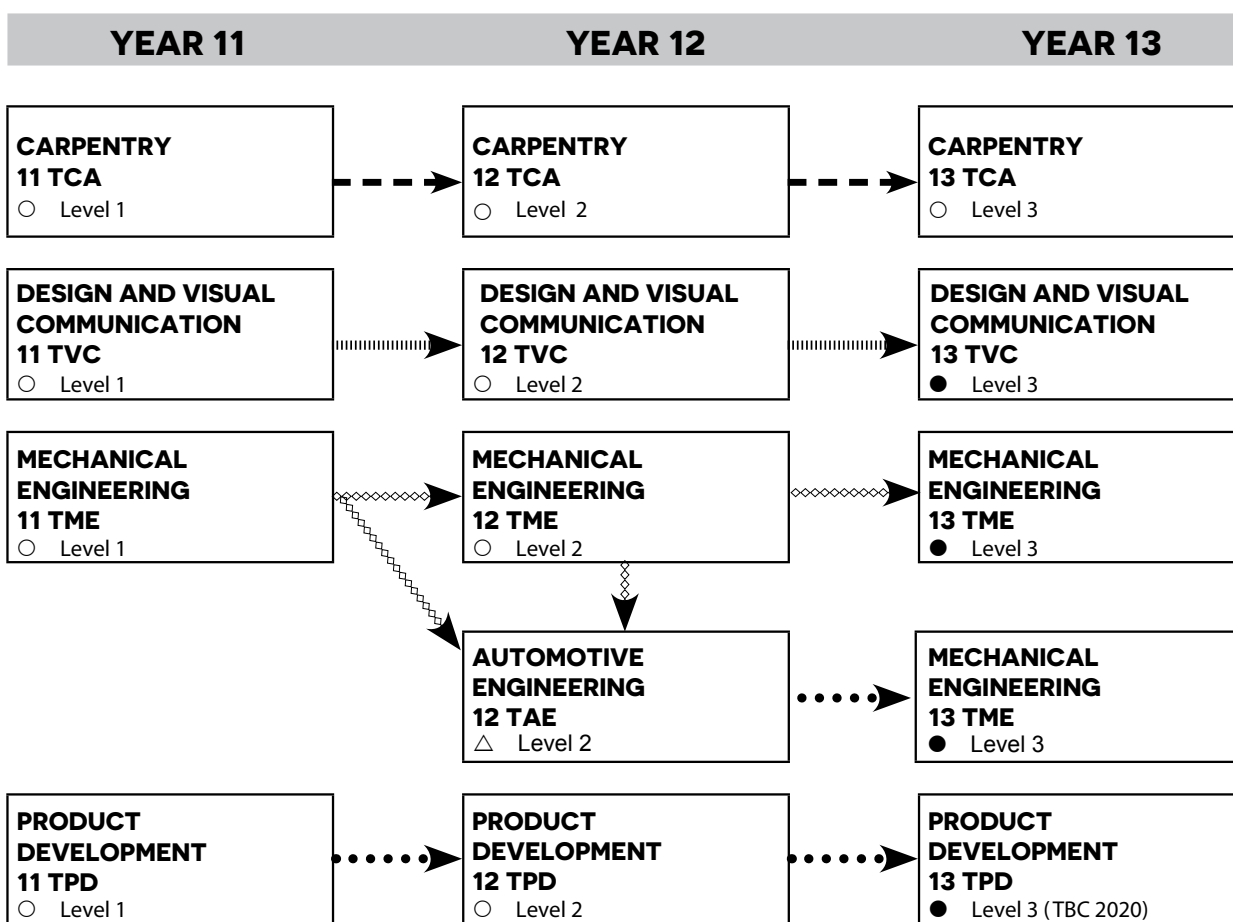
- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

|   |  |
|---|--|
| Autodesk Certified User (ACU)             | Career and technical education programs across the globe equip students with marketable 2D and 3D design skills by teaching them to use state-of-the-art Autodesk® design software. Autodesk Certified User certification confirms students have the skills necessary to continue their professional and or design careers - whether they attend University and or directly enter the workforce.   |
| Entrepreneurship and Small Business (ESB) | ESB certification, with Avondale's strategic thinking inclusions, is built to test and validate concepts and knowledge in Digital Marketing, Finance, entrepreneurship and small business management. Successful completion of this certification will validate skills and knowledge for those students interested in working in a middle-skill trade profession as their own boss and those with entrepreneurship, small and industry leadership or career aspirations. |
| Toon Boon Associate                       | Toon Boom Animation is the worldwide leader in animation and storyboard software for professionals and beginners. It is the tool of choice for artist's creating storyboards digitally and it is used by many top design studios to create the finest animated movies, television shows, modelling capability for Sciences, mathematics, sports and a variety of other modelling requirements.   |

## RESISTANT MATERIALS DEPARTMENT SENIOR PATHWAYS



## YEAR 11 CARPENTRY

## 11 TCA

**Entry Requirements:** An interest in carpentry and building construction, or at the discretion of the Director. A good level of English is essential to succeed.

| CREDITS AVAILABLE              |   |                                | LEVEL 1 | <input type="radio"/>   |    |               |    |
|--------------------------------|---|--------------------------------|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards | 0 | External Achievement Standards | 0       | Internal Unit Standards | 19 | Total Credits | 19 |

### FULL COURSES

- ☐ A full academic course preparing students comprehensively for study at the next level in the subject.
- ☒ A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

**Course Description:** Students will learn how to use woodworking hand tools for basic construction work by producing three practical projects. This will include the establishment of job requirements, use of marking out tools and applying cutting and shaping processes in a timely and safe manner. Students are also required to apply elementary workshop procedures and processes when they manufacture projects using wood joints.

**Assessment:** Students will need to produce three practical projects to the required specifications. They also need to complete a series of book work, tests and work sheets as evidence for moderation purposes.

**Leads to:** 12 TCA and Gateway for selected students.

## YEAR 12 CARPENTRY

**12 TCA**

**Entry Requirements:** A minimum of 14 credits from 11 TCA or at the discretion of the Director.

| CREDITS AVAILABLE              |  |   |                                |  | LEVEL 2 | <input type="radio"/>   |    |               |    |
|--------------------------------|--|---|--------------------------------|--|---------|-------------------------|----|---------------|----|
| Internal Achievement Standards |  | 0 | External Achievement Standards |  | 0       | Internal Unit Standards | 25 | Total Credits | 25 |

**Course Description:** Students will have the opportunity to develop a range of construction skills. They will select and use appropriate hand and power tools using given dimensioned drawings. Students will use different types of wood and work to tight tolerances meeting workshop safely requirements.

**Assessment:** Students need to produce a personal portfolio of project work including three carpentry projects to meet job specifications. Written tests and worksheets are also included in the course to meet moderation requirements.

**Leads to:** 13 TCA

## YEAR 13 CARPENTRY

**13 TCA**

**Entry Requirements:** A minimum of 14 credits from 12 TCA, or at the discretion of the Director.

| CREDITS AVAILABLE              |   |                                |   |                         |    | LEVELS 2 & 3  | <input type="radio"/> |
|--------------------------------|---|--------------------------------|---|-------------------------|----|---------------|-----------------------|
| Internal Achievement Standards | 0 | External Achievement Standards | 0 | Internal Unit Standards | 20 | Total Credits | 20                    |

**Course Description:** Students will design furniture and develop practical skills by using associated machinery. They will study the theory and practice of furniture making through assignment and practical work. Students will learn to select appropriate hand tools, materials, work to dimensioned drawings, work to tight tolerances and work safely within strict deadlines. Students will use the CAD software, Autodesk Inventor to design a table and stereo amplifier and then manufacture their final products.

**Assessment:** Students need to produce a personal portfolio of assignment work. They will also need to successfully complete a series of theory tests, as well as complete three carpentry projects within job specifications and tolerances.

**Leads to:** Apprenticeship, employment or tertiary education.

## YEAR 10 DESIGN AND VISUAL COMMUNICATION

**10 TVC**

**Entry Requirements:** This is an open entry course for students opting to follow the design pathway leading to Level 1, Level 2 and Level 3 Design and Visual Communication. This course pathway prepares students for tertiary study in CAD drafting, architecture, engineering, surveying and web design, as well as for many graphics and design-based courses.

| CREDITS AVAILABLE              |   |                                | LEVELS 2 & 3 |                         |   |               |   |
|--------------------------------|---|--------------------------------|--------------|-------------------------|---|---------------|---|
| Internal Achievement Standards | 4 | External Achievement Standards | 0            | Internal Unit Standards | 0 | Total Credits | 4 |

**Course Description:** Learning activities are based on realistic experiences to cover a wide range of technical and CAD drawings to develop a product in which students learn to identify and be innovative when solving problems. Students will present their portfolio to an audience and when they meet the required standard get the opportunity to complete an industry certification in Microsoft PowerPoint. Students will also upskill in using the CAD drawing software, Autodesk Inventor and Adobe Illustrator in preparation for Level 1 Design and Visual Communication.

**Assessment:** Learning activities are based on realistic experiences to cover a wide range of technical drawing skills, CAD drawings, modelling and testing to encourage students to be innovative when finding solutions for problems. Students studying this course will also complete a Year 11 standard as part of their project work.

**Leads to:** Level 1 Design and Visual Communication.

### CORE COURSES

☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

## YEAR 11 DESIGN AND VISUAL COMMUNICATION 11 TVC

**Entry Requirements:** The successful completion of the Year 10 Design and Visual Communication course and successful achievement of the Level 1 Achievement Standard offered in Year 10.

| CREDITS AVAILABLE                 |                                  |                           | LEVEL 1                 |
|-----------------------------------|----------------------------------|---------------------------|-------------------------|
| Internal Achievement Standards 12 | External Achievement Standards 9 | Internal Unit Standards 0 | <input type="radio"/>   |
|                                   |                                  |                           | <b>Total Credits 21</b> |

**Course Description:** Students design and develop products using a range of technical drawing skills and the CAD software, Autodesk Inventor. Students are encouraged to create scaled models and selected products can be manufactured using a laser cutter or 3D printer. The structure of the course includes the areas of study listed below:

- Use the work of an influential designer to inform design ideas.
- Produce freehand sketches that communicate design ideas.
- Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas.
- Produce instrumental paraline drawings to communicate design ideas.
- Use rendering techniques to communicate the form of design ideas.
- Undertake development of design ideas through graphics practice.

**Leads to:** Level 2 Design and Visual Communication. As part of this course, students have the opportunity to gain a certification in Autodesk Inventor and training in Fusion 360.

## YEAR 12 DESIGN AND VISUAL COMMUNICATION 12 TVC

**Entry Requirements:** Successful completion of 14, Level 1 Design and Visual Communication credits. It is highly recommended to complete training in Autodesk Inventor CAD software.

| CREDITS AVAILABLE                 |                                  |                           | LEVEL 2                 |
|-----------------------------------|----------------------------------|---------------------------|-------------------------|
| Internal Achievement Standards 15 | External Achievement Standards 7 | Internal Unit Standards 0 | <input type="radio"/>   |
|                                   |                                  |                           | <b>Total Credits 22</b> |

**Course Description:** Students develop products and spatial designs using CAD drawings. Students will have the opportunity to complete the Autodesk Inventor industry certification depending on successful completion of all training courses. Students will have the opportunity to 3D print selected scaled models.

The structure of the course includes the areas of study listed below:

- Using visual communication techniques to generate design ideas.
- Producing working drawings to communicate technical details of a design.
- Using the characteristics of a design movement or era to inform their own design ideas.
- Developing a spatial design through graphics practice.
- Developing a product design through graphics practice.

**Leads to:** Level 3 Design and Visual Communication and possible certification in Autodesk Inventor and training in Fusion 360.

## YEAR 13 DESIGN AND VISUAL COMMUNICATION 13 TVC

**Entry Requirements:** Successful completion of the Level 2, Design and Visual Communication course. A minimum of 14 Level 2 credits, including internal and external credits.

| CREDITS AVAILABLE                 |                                   |                           | LEVEL 3                          |
|-----------------------------------|-----------------------------------|---------------------------|----------------------------------|
| Internal Achievement Standards 12 | External Achievement Standards 10 | Internal Unit Standards 0 | <input checked="" type="radio"/> |
|                                   |                                   |                           | <b>Total Credits 22</b>          |

**Course Description:** Students develop their creativity and learn about the practice of designing through the *initiation* of ideas, informed by on-going *quantitative* and *qualitative* research. Student use CAD software, including Autodesk Inventor or Fusion 360 to develop solutions for given problems. They can use a 3D printer or laser cutter to create scaled models. As part of the course students will have the opportunity to complete the Autodesk Inventor or Fusion 360 industry certification.

The structure of the course includes four main areas of study listed below:

- Initiating design ideas through exploration
- Producing working drawings to communicate production details for a complex design
- Resolving a spatial design through graphics practice
- Resolving a product design through graphics practice.

**Leads to:** University approval for Architecture, Engineering, Technology and most design orientated courses.

### FULL COURSES

- A full academic course preparing students comprehensively for study at the next level in the subject.
- A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.

## YEAR 11 MECHANICAL ENGINEERING

**11 TME**

**Entry Requirements:** Consideration will be given to students who have a keen interest in the engineering pathway available, metal trade apprenticeships and Gateway. Success in junior English and Mathematics' is essential (grade A4 or higher) or at Directors discretion.

| CREDITS AVAILABLE              |   |                                |   | LEVEL 1                 | <input type="radio"/> |               |    |
|--------------------------------|---|--------------------------------|---|-------------------------|-----------------------|---------------|----|
| Internal Achievement Standards | 0 | External Achievement Standards | 0 | Internal Unit Standards | 22                    | Total Credits | 22 |

**Course Description:** This is an introduction to Mechanical Engineering. The course is comprised of basic engineering and the development of simple engineering products. Students will develop essential material manipulation skills in conjunction with increased knowledge of the procedures and practices required within an engineering environment. Students will use Autodesk Inventor CAD software to complete technical drawings and modifications.

**Assessment:** Equal weighting is placed on practical and theory elements of the course. All projects are internally assessed to ensure compliance with external moderation requirements. Students need to be aware that because this course offers only two Unit Standards consisting of 10 and 12 credits, they need to be excellent at time management and make full use of all the resources available to them.

**Leads to:** 12 TME (only if both Unit Standards are successfully completed), 12 TAE, and Gateway for selected students.

## YEAR 12 MECHANICAL ENGINEERING

**12 TME**

**Entry Requirements:** 22 credits from Year 11TME (all credits from 11TME) or at the discretion of the Director.

| CREDITS AVAILABLE              |   |                                |   | LEVEL 2                 | <input type="radio"/> |               |    |
|--------------------------------|---|--------------------------------|---|-------------------------|-----------------------|---------------|----|
| Internal Achievement Standards | 0 | External Achievement Standards | 0 | Internal Unit Standards | 20                    | Total Credits | 20 |

**Course Description:** This is an opportunity to develop existing mechanical engineering skills to form a foundation for engineering and related trades. Students will use Autodesk Inventor to design and modify their product. Students will manufacture and then modify their practical project. They also need to demonstrate knowledge of hand tools, marking out tools, engineering geometry and measuring tools.

**Assessment:** Units will be assessed on both theory and the practical application of the knowledge gained. All projects are internally assessed to ensure compliance with external moderation requirements. As part of the course students will have the opportunity to complete an industry certification in Autodesk Inventor.

**Leads to:** 13 TME, trade qualifications in Mechanical Engineering at Levels 4 and 5 and ultimately to the National Diploma in Engineering (Mechanical Engineering) (Level 6).

## YEAR 13 MECHANICAL ENGINEERING

**13 TME**

**Entry Requirements:** A minimum of 14 credits from 12 TME or at the discretion of the Director.

| CREDITS AVAILABLE              |    |                                | LEVEL 3 | ●                       |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 10 | External Achievement Standards | 4       | Internal Unit Standards | 5 | Total Credits | 19 |

**Course Description:** Students will complete research to demonstrate a comprehensive understanding of material development. They will also use complex procedures to manufacture a range of products. Students will draw three different designs using CAD software to complete their technical drawings. The laser cutter and 3D printer will be used to make two final products and their final product could be 3D printed or machined by using workshop equipment. As part of the course students will have the opportunity to complete an industry certifications in Autodesk Inventor and/or Fusion 360.

**Assessment:** Students need to produce a report that explains the concepts and processes employed in the development of a material.

**Leads to:** Mechanical Engineering related industries, University and Tertiary education. NB. Internal credits do not count towards University Entrance.

## YEAR 12 AUTOMOTIVE ENGINEERING

**12 TAE**

**Entry Requirements:** 10 credits in Level 1 English. Experience in Mechanical Engineering courses would be advantageous.

| CREDITS AVAILABLE              |   |                                |   |                         | LEVEL 2 | △             |    |
|--------------------------------|---|--------------------------------|---|-------------------------|---------|---------------|----|
| Internal Achievement Standards | 0 | External Achievement Standards | 0 | Internal Unit Standards | 23      | Total Credits | 23 |

### CORE COURSES

□ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

△ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.



**Course Description:** This introductory course enables students to develop a holistic view of the Motor Vehicle industry. Students cover a range of directed-learning and self-directed learning based activities, which includes using hand tools, workshop equipment and safety in the automotive workshop. Students also design parts using CAD software Autodesk Inventor for electrical projects. As part of the course students that meet the required standard determined by their teacher will have the opportunity to complete an industry certification in Autodesk Inventor.

**Assessment:** Every unit includes self-tests to evaluate the student's individual progress. All theory based booklets include a test which is completed when the student has gained relevant knowledge.

**Leads to:** 13 TME or vocational training with UNITEC or MIT.

## YEAR 10 PRODUCT DEVELOPMENT

**10 TPD**

**Entry Requirements:** The successful completion of the Year 9 Product Development course (grade A4 or higher) and an interest to develop CAD drawing skills.

**Course Description:** Students will use Autodesk Inventor CAD software to develop a prototype and final product. The course includes detailed portfolio work and students will have the opportunity to use hand tools a laser cutter or 3D printer to print their final product. There is also an electrical aspect and students will have to solder identified components to a circuit board.

**Assessment:** During project work students develop a product using a range of skills. Students that meets the required standard determined by their teacher will have the opportunity to complete an industry certification in Autodesk Inventor.

**Leads to:** 11TPD

## YEAR 11 PRODUCT DEVELOPMENT

**11 TPD**

**Entry Requirements:** Successful completion of the Year 10TPD and/or 10VC course is essential (grade A4 or higher), or at the discretion of the Director.

| CREDITS AVAILABLE              |    |                                | LEVEL 1 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 16 | External Achievement Standards | 4       | Internal Unit Standards | 0 | Total Credits | 20 |

**Course Description:** Students will use Autodesk Inventor CAD software or Fusion 360 to develop a prototype and final product. The course includes detailed portfolio work and students will have the opportunity to use hand tools a laser cutter or 3D printer to print their final product.

**Assessment:** Students complete project work in the course and when they successfully complete training material in Autodesk Inventor or Fusion 360 they will get the opportunity to complete an industry certification.

**Leads to:** 12TPD

## YEAR 12 PRODUCT DEVELOPMENT

**12 TPD**

**Entry Requirements:** Successful completion of the Year 11TPD and/or 11TME and/or 11TVC. It is encouraged that students should be confident in using Autodesk Inventor CAD software to design and develop solutions for given problems.

| CREDITS AVAILABLE              |    |                                | LEVEL 2 | <input type="radio"/>   |   |               |    |
|--------------------------------|----|--------------------------------|---------|-------------------------|---|---------------|----|
| Internal Achievement Standards | 18 | External Achievement Standards | 4       | Internal Unit Standards | 0 | Total Credits | 22 |

**Course Description:** Students will use advance procedures using resistant materials to make a specified product with special features. This includes 3D printing and using a laser cutter as part of the making process. Students will also use planning tools to keep an accurate record of all the different processes involved when designing and making their final product.

**Assessment:** Students will complete project work in the course and when they successfully complete training material in Autodesk Inventor they will get the opportunity to complete an industry certification.

**Leads to:** 13TPD (TBC 2020)

## CAREERS DEPARTMENT

| COURSE                                | ENTRY REQUIREMENTS                   | PAGE |
|---------------------------------------|--------------------------------------|------|
| 12 ESK Year 12 NCEA Employment Skills | Entry at discretion of the Director. | 95   |

### FULL COURSES

- ☐ A full academic course preparing students comprehensively for study at the next level in the subject.
- ☒ A full academic course at Level 3 or AS that prepares students comprehensively for further study at tertiary level or A2 Level. Results from these subjects can be used to measure quality of achievement for restricted entry courses at university. These courses typically include Level 3 UE Approved Standards.



**Entry Requirements:** Entry is at the discretion of the Director.

| Credits Available              |  |   |                                |  |   | LEVELS 1 & 2            | △  |               |    |
|--------------------------------|--|---|--------------------------------|--|---|-------------------------|----|---------------|----|
| Internal Achievement Standards |  | 0 | External Achievement Standards |  | 0 | Internal Unit Standards | 23 | Total Credits | 23 |

**Course Description:** This course develops employment related skills and knowledge.

**Leads to:** Completion of NCEA Level 1 & 2.

## Subject Guide for Careers

**NOTE:** This is a guide only. Some tertiary institutions have compulsory subject requirements, others do not. Please check with careers staff if you are in any doubt. Where prerequisites (i.e. compulsory Year 13 subjects) are required it has been indicated below.

| CAREER AREA   | USEFUL AND RECOMMENDED SUBJECTS  |
|---|--|
| <b>ARCHITECTURE</b> - Degree<br><br>Draughting - Architectural Technology - Diploma | A wide range of Year 13 subjects recommended including Maths, Art, Sciences, Art/Graphics useful, a portfolio of artwork is required in some cases. Prerequisites are required at Auckland University<br><br>Year 12 Maths, Graphics and English |
| <b>ARMED FORCES</b> - Officers<br>- Trades  | Good grades in Year 12 and 13 including Year 12 English<br><br>Year 11 English, Maths and Science  |
| <b>BUSINESS</b> - Degree<br>- Diploma   | Year 13 Maths, Accounting and/or Economics and Business Studies<br><br>Year 12 English, Maths, Accounting and/or Economics and Business Studies  |
| <b>CHEF/CATERING</b>  | English, Maths, Food Technology to Year 11/12  |
| <b>COMPUTING</b> - Degree<br>- Diploma  | Broad range of subjects including Mathematics, Statistics or Calculus, Physics, Information and Communication Technology to Year 13<br><br>Subjects as above to Year 12  |
| <b>DENTAL THERAPY</b> - Technician/Hygienist<br>- Assistant                         | English, Maths, Sciences to Year 12/13<br><br>English and Science to Year 11/12  |
| <b>DENTISTRY</b>  | Chemistry, Biology, Physics, Mathematics, Statistics or Calculus to Year 13 plus a language-rich subject   |
| <b>DESIGN / ART PHOTOGRAPHY</b> - Degree  | Art/Design/Photography to Year 13 plus a broad range of other subjects (Portfolio of artwork required)   |
| <b>ENGINEERING</b> - Degree<br>- Diploma<br>- Trade                                 | Year 13 Maths with Calculus and Physics. Essential for all Engineering Honours degrees.<br><br>Year 12 Maths and Physics<br><br>Year 11/12 Maths, Science, Mechanical Engineering  |
| <b>FOOD SCIENCE BIO-TECHNOLOGY / DIETITIAN</b>                                      | Year 13 Maths with Biology, Chemistry and Physics  |
| <b>HORTICULTURE</b> - Degree<br>- Diploma<br>- Cadets                               | Year 13 Maths, Statistics or Calculus, Biology, Chemistry and Horticulture<br><br>Year 12 English, Maths, Sciences including Horticulture<br><br>Year 11 English, Maths and Science  |
| <b>JOURNALISM COMMUNICATIONS</b>  | Wide range of subjects which could include a selection of Year 13 English, History, Geography, Classical Studies, Art History, Languages, Drama, Media Studies.  |
| <b>LAW</b> - Degree<br><br>-Legal Executive Diploma                                 | Wide range of subjects which could include a selection of Year 13 English, History, Geography, Classical Studies, Art History, Languages, Drama, Media Studies.<br><br>Year 12 English, Maths  |
| <b>MEDICAL IMAGING</b>  | Year 13 English, Mathematics and 1-2 Sciences  |

### CORE COURSES

- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### ENTRY COURSES

- △ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

|  |  |  |
|--|--|--|
| <b>MEDICINE</b>                              |  | Year 13 Biology, Chemistry, Physics, Mathematics, Statistics or Calculus and an arts subject is useful (English, Classical Studies, Art History, History, Geography).  |
| <b>NURSING</b>                               |  | Year 12 and 13 English, Mathematics and 1-2 Sciences.  |
| <b>OFFICE</b>                                | - Receptionist, Clerical, Secretarial  | Year 11 and 12 English, Mathematics and Information and Digital computing courses.   |
| <b>OPTOMETRY</b>                             |  | Year 13 Biology, Chemistry, Physics, Mathematics, Statistics or Calculus. Requires 1 year Biomed study as a prerequisite before applying. Can not be accessed straight from school.                                    |
| <b>PERFORMING ARTS</b>                       |  | Broad range at Year 13 level including students area of interest eg Dance, Drama, Music. Audition required   |
| <b>PHARMACY</b>                              |  | Year 13 Biology, Chemistry, Physics, Mathematics, Statistics or Calculus plus a language-rich subject. Entry via BHSc or BSc. Can not be accessed straight from school.  |
| <b>PHYSIOTHERAPY</b>                         |  | Year 13 Chemistry, Biology, Physics and Mathematics, Statistics or Calculus plus a language-rich subject   |
| <b>POLICE</b>                                |  | Year 12/13 broad range of subjects including English   |
| <b>PSYCHOLOGY</b>                            |  | Year 13 English, Sciences and/or Social Sciences, Mathematics or Statistics  |
| <b>SPORTS AND RECREATION</b>                 |  | Year 13 English, Physical Education and/or Biology   |
| <b>SURVEYING</b>                             |  | Year 13 Calculus, English, Geography, Physics, Computer Studies, Economics and Graphics  |
| <b>TEACHING</b>                              | - Nanny<br>- Early Childhood<br>- Primary<br>- Secondary   | Year 12 completion including English<br>Broad range of subjects including Year 12/13 English<br>Broad range of subjects including Year 13 English<br>Year 13 and subjects dependent on what the student wants to teach |
| <b>TRADES</b>                                | - Building, Plumbing, Automotive, Electrical, Printing, Engineering, Hairdressing, Chef, Horticulture, etc | Year 11/12 English, Mathematics, Science and Technologies (Physics for Electrician)  |
| <b>TRAVEL/TOURISM</b>                        | - Degree   | Year 13 English, Mathematics, Languages, Geography, and Economics<br>Year 12 English, Mathematics, Languages, Geography, Information and Communication Technology, Travel and Tourism                                  |
| <b>VETERINARY SCIENCE / VETERINARY NURSE</b> | - Degree<br>- Diploma  | Year 13 Chemistry, Biology, Physics and Mathematics, Statistics or Calculus plus a language-rich subject<br>Year 12 Sciences   |

# 2019 COURSE CODES

## 2019 Year 10 Courses and Codes

| Course                                | Code         | Page |
|---------------------------------------|--------------|------|
| Business Studies .....                | 10 BUS ..... | 30   |
| Dance.....                            | 10 DSE ..... | 25   |
| Design and Visual Communications..... | 10 TVC ..... | 91   |
| Drama .....                           | 10 DRA ..... | 27   |
| English .....                         | 10 ENG ..... | 37   |
| ESOL .....                            | 10 ESJ.....  | 42   |
| Food Technology .....                 | 10 TFN ..... | 84   |
| French.....                           | 10 FRE.....  | 44   |
| Health & PE.....                      | 10 HPE ..... | 58   |
| Innovation Programme .....            | .....        | 86   |
| Innovation Programme .....            | 10 TPI.....  | 87   |
| Japanese.....                         | 10 JAP.....  | 46   |
| Latin.....                            | 10 LAT.....  | 47   |
| Maori .....                           | 10 MAO.....  | 51   |
| Mathematics and Statistics .....      | 10 MAT ..... | 53   |
| Media Studies .....                   | 10 MST ..... | 41   |
| Music .....                           | 10 MUS.....  | 22   |
| Product Development .....             | 10 TPD ..... | 94   |
| Samoan .....                          | 10 SAO ..... | 48   |
| Science.....                          | 10 SCI.....  | 65   |
| Social Science.....                   | 10 SOS ..... | 73   |
| Soft Materials Technology.....        | 10 TSM ..... | 83   |
| Spanish.....                          | 10 SPA.....  | 49   |
| Sport Academy.....                    | 10 SPC ..... | 58   |
| Visual Art.....                       | 10 ART ..... | 19   |

## 2019 Year 11 Courses and Codes

| Course                                | Code         | Page |
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| Accounting (IGCSE) .....              | 11 CAC ..... | 30   |
| Accounting .....                      | 11 ACC ..... | 32   |
| Biology (IGCSE).....                  | 11 CBI ..... | 65   |
| Business Studies (IGCSE).....         | 11 CBS ..... | 31   |
| Business Studies .....                | 11 BUS ..... | 34   |
| Carpentry.....                        | 11 TCA ..... | 90   |
| Chemistry (IGCSE) .....               | 11 CCH.....  | 66   |
| Dance.....                            | 11 DSE ..... | 26   |
| Design and Visual Communications..... | 11 TVC ..... | 92   |
| Drama .....                           | 11 DRA.....  | 27   |
| Economics.....                        | 11 ECO ..... | 33   |
| English (IGCSE) .....                 | 11 CEN ..... | 38   |
| English .....                         | 11 ENL ..... | 38   |
| English .....                         | 11 ENC ..... | 38   |
| English .....                         | 11 ENP ..... | 38   |
| Fashion Technology.....               | 11 TFT.....  | 83   |
| Food Technology .....                 | 11 TFN ..... | 84   |
| French (IGCSE) .....                  | 11 CFR.....  | 45   |
| French.....                           | 11 FRE.....  | 45   |
| Geography (IGCSE).....                | 11 CGE ..... | 74   |
| Geography .....                       | 11 GEO.....  | 77   |
| Geography (Core) .....                | 11 GEC ..... | 76   |
| Health Education .....                | 11 HLT.....  | 58   |
| History (IGCSE) .....                 | 11 CHS ..... | 74   |
| History .....                         | 11 HIS ..... | 78   |
| Horticultural Science .....           | 11 HOR.....  | 68   |
| Hospitality and Catering .....        | 11 THO ..... | 85   |
| Human Biology.....                    | 11 HBI.....  | 68   |

| Course  | Code         | Page |
|---|--------------|------|
| Innovation Programme .....                          | .....        | 86   |
| Innovation Programme .....                          | 11 TPI.....  | 87   |
| Innovation Programme (IGCSE).....                   | 11 CPI.....  | 88   |
| Japanese.....                                       | 11 JAP.....  | 46   |
| Maori (Te Reo).....                                 | 11 MAO.....  | 51   |
| Mathematics (IGCSE) .....                           | 11 CMT.....  | 53   |
| Mathematics & Statistics.....                       | 11 MAT ..... | 53   |
| Mathematics & Statistics (Core).....                | 11 MTC.....  | 54   |
| Mathematics & Statistics (Applied).....             | 11 MTP ..... | 54   |
| Mechanical Engineering .....                        | 11 TME ..... | 93   |
| Media Studies .....                                 | 11 MST ..... | 41   |
| Music (IGCSE) .....                                 | 11 CMU.....  | 23   |
| Music .....   | 11 MUS.....  | 24   |
| Outdoor Education .....                             | 11 OED.....  | 59   |
| Physical Education .....                            | 11 PED ..... | 58   |
| Physical Education ( <i>Sports Advantage</i> )..... | 11 PES.....  | 59   |
| Physics (IGCSE) .....                               | 11 CPH ..... | 67   |
| Product Development .....                           | 11 TPD ..... | 94   |
| Psychology.....                                     | 11 PSY ..... | 79   |
| Samoan .....  | 11 SAO ..... | 48   |
| Science .....                                       | 11 SCI.....  | 69   |
| Science (Core).....                                 | 11 SCC ..... | 69   |
| Science (Practical) .....                           | 11 SCP ..... | 69   |
| Spanish (IGCSE) .....                               | 11 CSP ..... | 49   |
| Spanish.....  | 11 SPA.....  | 49   |
| Visual Art.....                                     | 11 ART ..... | 19   |
| Visual Art - Contemporary Design.....               | 11 ACD.....  | 19   |

## 2019 Year 12 Courses and Codes

| Course                                | Code         | Page |
|---------------------------------------|--------------|------|
| Accounting (AS).....                  | 12 CAC ..... | 30   |
| Accounting .....                      | 12 ACC ..... | 33   |
| Automotive Engineering.....           | 12 TAE.....  | 93   |
| Biology (AS) .....                    | 12 CBI ..... | 65   |
| Biology.....                          | 12 BIO.....  | 69   |
| Business Studies (AS) .....           | 12 CBS ..... | 32   |
| Business Studies .....                | 12 BUS.....  | 35   |
| Carpentry.....                        | 12 TCA.....  | 91   |
| Chemistry (AS) .....                  | 12 CCH ..... | 66   |
| Chemistry .....                       | 12 CHE ..... | 70   |
| Classical Studies .....               | 12 CLS.....  | 76   |
| Dance.....                            | 12 DSE ..... | 26   |
| Design and Visual Communication ..... | 12 TVC ..... | 92   |
| Drama .....                           | 12 DRA ..... | 27   |
| Early Childhood Education.....        | 12 TEC.....  | 86   |
| Economics.....                        | 12 ECO ..... | 34   |
| Employment Skills.....                | 12 ESK.....  | 95   |
| English (AS) .....                    | 12 CEN ..... | 39   |
| English .....                         | 12 ENL ..... | 39   |
| English .....                         | 12 ENC ..... | 39   |
| English .....                         | 12 ENP ..... | 40   |
| ESOL.....                             | 12 ES1.....  | 42   |
| ESOL.....                             | 12 ES2.....  | 43   |
| Food Technology .....                 | 12 TFN ..... | 84   |
| French .....                          | 12 FRE.....  | 45   |
| Geography (AS) .....                  | 12 CGE ..... | 74   |
| Geography .....                       | 12 GEO ..... | 78   |

## 2019 COURSE CODES

| <b>Course</b>                               | <b>Code</b>  | <b>Page</b> |
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| Geography (Core) .....                      | 12 GEC ..... | 77          |
| History (AS) .....                          | 12 CHS ..... | 75          |
| History .....                               | 12 HIS ..... | 79          |
| Horticultural Science .....                 | 12 HOR ..... | 68          |
| Hospitality and Catering .....              | 12 THO ..... | 85          |
| Innovation Programme .....                  |              | 86          |
| Innovation Programme .....                  | 12 TPI ..... | 88          |
| Innovation Programme (AS) .....             | 12 CPI ..... | 88          |
| Japanese (IGCSE) .....                      | 12 CJP ..... | 46          |
| Japanese .....                              | 12 JAP ..... | 47          |
| Maori (Te Reo) .....                        | 12 MAO ..... | 51          |
| Mathematics (AS) .....                      | 12 CMT ..... | 54          |
| Mathematics .....                           | 12 MAT ..... | 54          |
| Mathematics & Statistics .....              | 12 MAS ..... | 54          |
| Mathematics & Statistics (Core) .....       | 12 MTC ..... | 55          |
| Mathematics (Financial) .....               | 12 MAF ..... | 55          |
| Mechanical Engineering .....                | 12 TME ..... | 93          |
| Media Studies .....                         | 12 MST ..... | 41          |
| Music (AS) .....                            | 12 CMU ..... | 23          |
| Music .....                                 | 12 MUS ..... | 24          |
| Outdoor Education .....                     | 12 OED ..... | 60          |
| Physical Education (Sports Advantage) ..... | 12 PES ..... | 60          |
| Physical Education .....                    | 12 PED ..... | 59          |
| Physics (AS) .....                          | 12 CPH ..... | 67          |
| Physics .....                               | 12 PHY ..... | 71          |
| Product Development .....                   | 12 TPD ..... | 94          |
| Psychology (AS) .....                       | 12 CPS ..... | 75          |
| Psychology .....                            | 12 PSY ..... | 80          |
| Samoan .....                                | 12 SAO ..... | 48          |
| Sports Leadership .....                     | 12 SPL ..... | 60          |
| Science .....                               | 12 SCI ..... | 69          |
| Spanish .....                               | 12 SPA ..... | 49          |
| Travel and Tourism .....                    | 12 HTT ..... | 80          |
| Visual Art Painting .....                   | 12 APA ..... | 20          |
| Visual Art Design .....                     | 12 APD ..... | 20          |
| Visual Art Photography .....                | 12 APO ..... | 20          |

### **2019 Year 13 Course and Codes**

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|-----------------------------|--------------|-------------|
| Accounting (A2) .....       | 13 CAC ..... | 31          |
| Accounting .....            | 13 ACC ..... | 33          |
| Art History .....           | 13 ARH ..... | 79          |
| Biology (A2) .....          | 13 CBI ..... | 66          |
| Biology .....               | 13 BIO ..... | 70          |
| Business Studies (A2) ..... | 13 CBS ..... | 32          |
| Business Studies .....      | 13 BUS ..... | 35          |
| Carpentry .....             | 13 TCA ..... | 91          |
| Chemistry (A2) .....        | 13 CCH ..... | 66          |
| Chemistry .....             | 13 CHE ..... | 70          |
| Classical Studies .....     | 13 CLS ..... | 76          |
| Dance .....                 | 13 DSE ..... | 26          |

| <b>Course</b>                               | <b>Code</b>  | <b>Page</b> |
|---|--------------|-------------|
| Design and Visual Communication .....       | 13 TVC ..... | 92          |
| Drama .....                                 | 13 DRA ..... | 28          |
| Early Childhood Education .....             | 13 TEC ..... | 86          |
| Economics .....                             | 13 ECO ..... | 34          |
| English .....                               | 13 CEN ..... | 40          |
| English .....                               | 13 ENL ..... | 40          |
| English .....                               | 13 ENC ..... | 40          |
| English .....                               | 13 ENP ..... | 41          |
| Food Technology .....                       | 13 TFN ..... | 84          |
| French (AS) .....                           | 13 CFR ..... | 45          |
| French .....                                | 13 FRE ..... | 46          |
| Geography (A2) .....                        | 13 CGE ..... | 74          |
| Geography .....                             | 13 GEO ..... | 78          |
| Geography (Core) .....                      | 13 GEC ..... | 77          |
| Hospitality and Catering .....              | 13 THO ..... | 85          |
| History (A2) .....                          | 13 CHS ..... | 75          |
| History .....                               | 13 HIS ..... | 79          |
| Horticultural Science .....                 | 13 HOR ..... | 68          |
| Innovation Programme .....                  |              | 86          |
| Innovation Programme .....                  | 13 TPI ..... | 88          |
| Innovation Programme (A2) .....             | 13 CPI ..... | 89          |
| Japanese (AS) .....                         | 13 CJP ..... | 47          |
| Japanese .....                              | 13 JAP ..... | 47          |
| Maori (Te Reo) .....                        | 13 MAO ..... | 51          |
| Mathematics .....                           | 13 MSS ..... | 55          |
| Mathematics (A2) .....                      | 13 CMT ..... | 55          |
| Mathematics (Calculus) .....                | 13 MAT ..... | 55          |
| Mathematics (Statistics) .....              | 13 MAS ..... | 56          |
| Mathematics (Financial) .....               | 13 MAF ..... | 56          |
| Mathematics & Statistics (Core) .....       | 13 MTC ..... | 56          |
| Mechanical Engineering .....                | 13 TME ..... | 93          |
| Media Studies .....                         | 13 MST ..... | 42          |
| Music (A2) .....                            | 13 CMU ..... | 24          |
| Music .....                                 | 13 MUS ..... | 25          |
| Outdoor Education .....                     | 13 OED ..... | 61          |
| Physical Education .....                    | 13 PED ..... | 61          |
| Physical Education (Sports Advantage) ..... | 13 PES ..... | 61          |
| Physics (A2) .....                          | 13 CPH ..... | 67          |
| Physics .....                               | 13 PHY ..... | 71          |
| Psychology (A2) .....                       | 13 CPS ..... | 76          |
| Psychology .....                            | 13 PSY ..... | 80          |
| Samoan .....                                | 13 SAO ..... | 48          |
| Science .....                               | 13 SCI ..... | 70          |
| Science (Core) .....                        | 13 SCC ..... | 70          |
| Sports Leadership .....                     | 13 SPL ..... | 62          |
| Spanish (AS) .....                          | 13 CSP ..... | 50          |
| Spanish .....                               | 13 SPA ..... | 50          |
| Travel and Tourism .....                    | 13 HTT ..... | 80          |
| Visual Art Design .....                     | 13 APD ..... | 21          |
| Visual Art Painting .....                   | 13 APA ..... | 21          |
| Visual Art Photography .....                | 13 APO ..... | 21          |