



AVONDALE  
COLLEGE

OUR AIM IS EXCELLENCE



2025

**ACADEMIC** PROGRAMME





**AVONDALE  
COLLEGE**

# **PATHWAYS PLANNING**

**Subject advice  
Tertiary providers  
Universities, Techs  
Armed Forces & more**

**Wed 24 July 3:30 – 6:30pm  
Avcol P.A.C.**

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# NCEA REVIEW

While the information contained in this booklet is accurate at the time of printing,  
the content of some courses may change in 2025 in light of the NCEA Review.

If this were the case, any changes would be communicated to parents and caregivers in advance.

# 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 multi-level pathways in core subjects at senior level. Students are selected for the course that will maximise their learning outcomes.
- The Cambridge 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.

JUNIOR SCHOOL		
LEARNING AREA	<b>YEAR 9</b> <b>10 Subjects</b> 5 compulsory +5 options	<b>YEAR 10</b> <b>8 Subjects</b> 5 compulsory + one Arts + one Technology + one other
ENGLISH	English	English
MATHEMATICS	Mathematics	Mathematics
SCIENCE	Science	Science
SOCIAL SCIENCE	Social Science	Social Science
HEALTH & PHYSICAL EDUCATION	Health & Physical Education	Health & Physical Education
		Sports Academy
ARTS	<b>TWO OF:</b> Visual Art Dance Drama Music (two half year courses)	<b>AT LEAST ONE OF:</b> Visual Art Dance Drama Music Media Studies
TECHNOLOGY	<b>TWO OF:</b> Innovation Programme Food Technology Product Development Soft Materials (two half year courses)	<b>AT LEAST ONE OF:</b> Innovation Programme Food Technology Product Development Design & Visual Communication Soft Materials
LANGUAGES	<b>ONE OF:</b> Te Reo Māori French Japanese Latin Samoan Spanish	Te Reo Māori French Japanese Samoan Spanish
COMMERCE		Commerce

# NCEA

YEAR 11 NCEA Level 1 5 Subjects	YEAR 12 NCEA Level 2 5 Subjects	YEAR 13 NCEA Level 3 5 Subjects
English	English	English
	Media Studies	Media Studies
Mathematics & Statistics	Mathematics Statistics	Calculus Statistics Core Mathematics & Statistics Financial Mathematics
Science	Biology Chemistry Horticulture Physics Earth and Space Science	Biology Chemistry Horticulture Physics Earth and Space Science
Geography History Social Studies	Geography History Psychology Classical Studies Travel and Tourism	Geography History Psychology Classical Studies Travel and Tourism Art History
Physical Education Health Education	Physical Education Sports Advantage Sports Leadership Outdoor Education Health Education	Physical Education Sports Advantage Sports Leadership Outdoor Education Health Education
Visual Art – Digital Visual Art – Painting Dance Drama Music Music Technology	Visual Art – Design Visual Art – Painting Visual Art – Photography Dance Drama Music Music Technology	Visual Art – Design Visual Art – Painting Visual Art – Photography Dance Drama Music
Innovation Programme Food Technology Hospitality & Catering Product Development Carpentry Mechanical Engineering Design & Visual Communication Fashion Technology	Innovation Programme Food Technology Hospitality & Catering Product Development Carpentry Automotive Engineering Mechanical Engineering Design & Visual Communication Early Childhood Education Fashion Technology	Innovation Programme Food Technology Hospitality & Catering Product Development Carpentry Mechanical Engineering Design & Visual Communication Early Childhood Education Fashion Technology
Te Reo Māori French Japanese Samoan Spanish	Te Reo Māori French Japanese Samoan Spanish	Te Reo Māori French Japanese Samoan Spanish
Commerce	Accounting Economics Business Studies	Accounting Economics Business Studies

CAMBRIDGE INTERNATIONAL			
LEARNING AREA	YEAR 11 IGCSE (International General Certificate of Secondary Education)	YEAR 12 AS LEVEL (Advanced Subsidiary)	YEAR 13 A LEVEL (Advanced)
ENGLISH	English Literature	English Literature	English Literature
MATHEMATICS	Mathematics	Mathematics	Mathematics
SCIENCE	Biology Chemistry Physics	Biology Chemistry Physics	Biology Chemistry Physics
SOCIAL SCIENCE	Geography History	Geography History Psychology	Geography History Psychology
PHYSICAL EDUCATION	Physical Education	Physical Education (TBC)	Physical Education (TBC)
ARTS	Music	Music	Music
TECHNOLOGY	Innovation Programme	Innovation Programme	Innovation Programme
LANGUAGES	French Spanish	French Spanish	French Spanish
COMMERCE	Accounting Business Studies	Accounting Business Studies	Accounting Business Studies


**CAMBRIDGE**  
 International Education  
 Cambridge International School

## YEAR LEVEL REQUIREMENTS FOR 2025

Whilst there are prerequisites listed for each course, Directors have discretion to admit students to courses depending on individual circumstances. Final entry into all courses is at the Principal's discretion.

### YEAR 9

#### Core

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

Arts Options		Language Options		Technology Options	
Visual Art	9 ART	French	9 FRE	Food Technology	9 TFN
Drama	9 DRA	Japanese	9 JAP	Product Development	9 TPD
Dance	9 DSE	Te Reo Māori	9 MAO	Innovation Programme	9 TPI
Music	9 MUS	Samoan	9 SAO	Soft Materials	9 TSM
		Spanish	9 SPA		

## YEAR 10

All students study English, Mathematics, Science, Social Science and Health & Physical Education, and have the opportunity to study Te Re Māori, along with two or three other option subjects.

Students will be asked to select reserve subjects in case of timetable clashes.

Students are encouraged to select a variety of subjects at Year 10, and need to select at least one from column A and at least one from column B.

A		B		C		D	
Te Reo Māori	10 MAO	Te Reo Māori	10 MAO	Te Reo Māori	10 MAO	Commerce	10 COM
Drama	10 DRA	Food Technology	10 TFN	ESOL	10 ESJ	Sports Academy	10 SPC
Dance	10 DSE	Soft Materials	10 TSM	French	10 FRE		
Media Studies	10 MST	Product Development	10 TPD	Japanese	10 JAP		
Music	10 MUS	Innovation Programme	10 TPI	Samoan	10 SAO		
Visual Art	10 ART	Visual Communication	10 TVC	Spanish	10 SPA		

## YEAR 11

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

It is recommended that students select a manageable group of subjects.

Students select:

- Either** Five NCEA Level 1 subjects or five IGCSE subjects (five IGCSEs is the best start in the Cambridge pathway)  
**Or** Four IGCSE subjects and one NCEA Level 1 subject  
**Or** Four IGCSE subjects and AS Mathematics (*having accelerated in Mathematics in 2023*)  
NB: 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 Cambridge:

### 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 Cambridge

Students select:

- Either** Five AS subjects  
**Or** Four AS subjects and AS Mathematics (*having accelerated in Mathematics in 2023*)  
**Or** Four AS subjects and One IGCSE or NCEA  
NB: University Entrance can be gained with AS English and IGCSE Maths and three AS Levels



## 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 12) with a combined total of at least 96 credits.  
These courses are indicated with a ● symbol.
- Or** Students study five subjects at Level 3, and they should ensure that they choose at least Three from the list of University approved subjects. These students can gain University Entrance (page 12), 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 Cambridge

Students select:

- Either** Three A2 subjects and one AS subject
- Or** Four A2 subjects  
(NB: Students who take three or Four A2 subjects receive a study period)
- 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

**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.

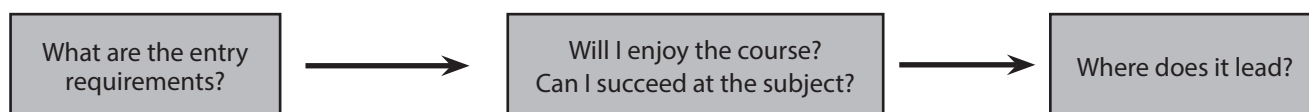
## ESOL IMMERSION PROGRAMME

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, along with Mathematics and Science.

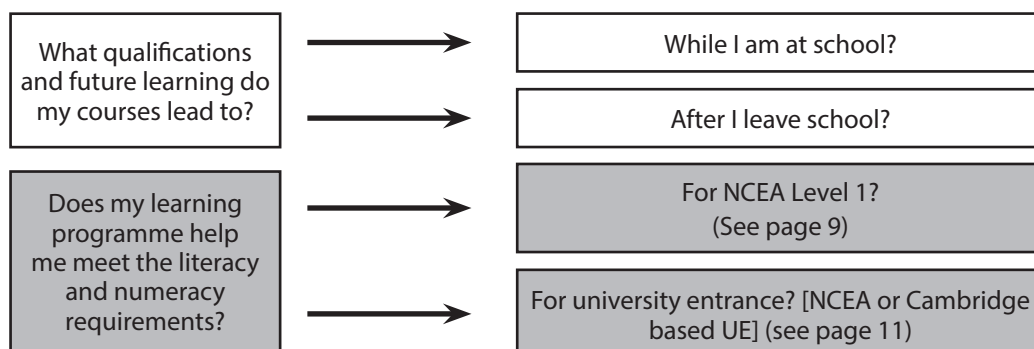
## SELECTING YOUR LEARNING PROGRAMME FOR 2025

The information in this handbook is designed to help you carefully choose your subjects for 2025. 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.

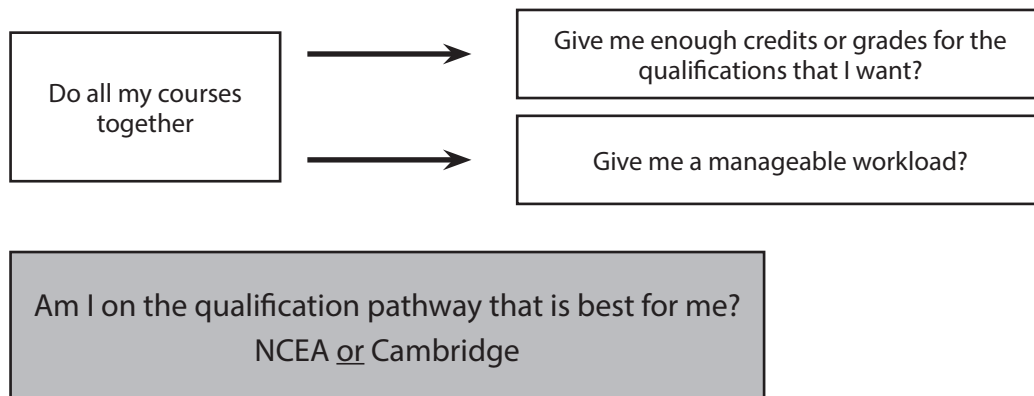
### ALL STUDENTS FOR EACH COURSE YOU CHOOSE:



### 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 for most unit standards.
- 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.
- NCEA is free of charge.

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 INTERNATIONAL

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University of Cambridge International Examinations 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 Cambridge International is based in the United Kingdom, and the structure of the Cambridge awards is the same as the UK awards, its courses are designed for the international community.

**Cambridge 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.

Cambridge 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. AS resits are available in the May/June session for students who have progressed to their A2 course but wish to improve their AS grade.

Cambridge 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 \$185 (subject to review because of exchange rate fluctuations).

### 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 Cambridge, 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 \$190 (subject to review because of exchange rate fluctuations).

#### 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 \$190 (subject to review because of exchange rate fluctuations).

- 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 2025 NCEA and Cambridge 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 2025 TO ENTER UNIVERSITY

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 if you obtain in 2024:

**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.

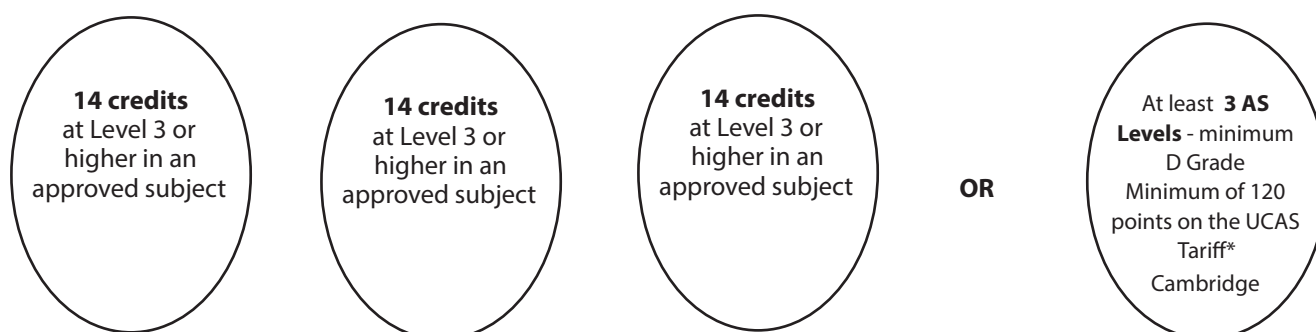
**Literacy** - At least 10 credits at Level 2 or higher in English or Te Reo Māori or from other approved standards; 5 credits must be in reading and 5 credits must be in writing or grade E in AS English.

**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:**

**EITHER for NCEA**

- 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 for Cambridge:**

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


*UCAS Tariff			
Cambridge 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 (Cambridge). Students without these credits will need to include a specific English paper in their first year at University.

## APPROVED SUBJECTS FOR UNIVERSITY ENTRANCE TAUGHT AT AVONDALE COLLEGE



Accounting	History
Agriculture and Horticulture	Japanese
Biology	Mathematics
Business Studies	Media Studies
Calculus	Music Studies
Chemistry	Painting (Practical Art)
Classical Studies	Photography (Practical Art)
Construction and Mechanical Technologies	Physical Education (includes Outdoor Education)
Dance	Physics
Design (Practical Art)	Psychology
Design and Visual Communications	Samoan
Digital Technologies and Hangarau Matihiko	Science
Drama	Social Studies
Earth and Space Science	Spanish
Economics	Statistics
English	Technology/Hangarau
French	Te Reo Rangatira
Geography	Te Reo Māori
Health Education	



# UNIVERSITY ENTRANCE CHECK

At the start of 2025  
will you have ...

In 2025 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  
Māori or from  
other approved  
standards

NO

A Level 2 English or Māori 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 Māori

☐

YES

5 Level 2  
Writing credits  
from English or  
Māori 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 2025 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 2025.

2025 Year 12 and 13 students: fill in the table below to help check that you have enough credits or suitable Cambridge 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 2025 you need to take
Credits needed for	Literacy	NCEA Level 1	10 Level 1 Literacy from approved standards				Level 1 English or Māori or courses with approved Literacy standards
		UE	5 Level 2 Reading				Level 2 English or Māori or courses with approved Literacy standards
			5 Level 2 Writing				
			OR AS English E grade or above.				
	Numeracy	NCEA Level 1	10 Level 1 Numeracy from approved standards				Level 1 Mathematics or courses with approved Numeracy standards
		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.**

Example of how a rank score for NCEA Level 3 is calculated				
Subject	Standard type	Results	Calculate	Rank Score
English	Achievement	6 Excellence 6 Merit 16* Achieved	6x4 points 6x3 points 12*x2 points	66
History	Achievement	8 Excellence 10 Achieved	8x4 points 10x2 points	52
Physics	Achievement	24 Merit	24x3 points	72
Calculus	Achievement	4 Excellence 3 Merit 8** Achieved	4x4 points 3x3 points	25
Statistics	Achievement	7 Merit 10** Achieved	7x3 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 (Cambridge)

- 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 12).

#### How your rank score is calculated

You will be allocated a rank score using the New Zealand Cambridge International score table 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.) (Thinking Skills and the General Paper will be excluded.)

- The rank score will be calculated from your New Zealand Cambridge International score table 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 Cambridge International rank score may differ from the New Zealand Cambridge International score table used for University Entrance because only syllabuses that contribute to University Entrance are used for ranking. (Thinking Skills and the General Paper will be excluded.)

Example of how a Cambridge International rank score is calculated					
Syllabus	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*
Rank score					290
*Maximum six subject units. If more are achieved, the best six scores are used.					

# 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 2025. Please refer to pg. 103–105 for an explanation of NCEA, Cambridge International and IB and how your rank score will be calculated. If you achieve the University Entrance standard but not the rank score for guaranteed entry into your programme of choice, your application will be given individual consideration if places are available. Please refer to pg. 110 for more information.

Programme	NCEA (Level 3)	Cambridge International	IB
Bachelor of Advanced Science (Honours) (BAdvSci(Hons))	260	310	32
Bachelor of Architectural Studies (BAS)	230	280	31
	Subject to the qualitative evaluation of a portfolio of creative work.		
Bachelor of Arts (BA) <sup>1</sup>	150	150	26
Bachelor of Commerce (BCom) <sup>2</sup>	165	170	26
Bachelor of Communication (BC)	180	190	27
Bachelor of Dance Studies (BDanceSt)	150	150	26
	Subject to the qualitative evaluation of an audition. <sup>8</sup>		
Bachelor of Design (BDes)	180	190	27
Bachelor of Early Childhood Studies (BECSt)	150	150	26
	As part of the application process you will be required to disclose any criminal convictions.		
Bachelor of Education (Teaching) (BEd(Tchg)) <sup>3</sup>	150	150	26
	Subject to satisfactory interview, police check, safety checks, referees' reports, literacy, numeracy, and IELTS or equivalent assessments.		
Bachelor of Education (Teaching English to Speakers of Other Languages) (BEd(TESOL))	150	150	26
	As part of the application process you will be required to disclose any criminal convictions.		
Bachelor of Engineering (Honours) (BE(Hons)) <sup>4, 5, 6</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	150	26
Bachelor of Global Studies (BGlobalSt) <sup>10</sup>	180 with a minimum of 16 Credits in each of three subjects from the NCEA approved subject list. Study of an additional language is encouraged.	190. Study of an additional language is encouraged.	27. Study of an additional language is encouraged.
Bachelor of Health Sciences (BHSc)	250 with a minimum of 18 credits in one of Classical Studies, English, Geography, History, History of Art, Social Studies or Te Reo Māori (or Te Reo Rangatira) and a minimum of 18 credits in one of Biology, Chemistry or Physics	300 with one of Classical Studies, English, Geography, History and one of Biology, Chemistry, or Physics at full A Level	33
Bachelor of Laws (LLB (Part I)) <sup>7</sup>	At LLB Part I, students must apply for a conjoint degree or concurrent degrees (LLB Part I and another degree programme).		
Bachelor of Music (BMus)	150	150	26
	Entry to Creative Practice: Classical; Jazz; or Popular Music is subject to the qualitative evaluation of an audition portfolio. <sup>8</sup>		
Bachelor of Nursing (BNurs)	230 with a minimum of 18 credits in one of Classical Studies, English, Geography, History, History of Art, Social Studies or Te Reo Māori (or Te Reo Rangatira) and a minimum of 18 credits in one of Biology, Chemistry or Physics	280 with one of Classical Studies, English, Geography, History and one of Biology, Chemistry, or Physics at full A Level	31
Bachelor of Property (BProp) <sup>2</sup>	165	170	26
Bachelor of Science (BSc) <sup>9</sup> - Biomedical Science	280	310	33
- Food Science and Nutrition	200	200	28
- all other majors/specialisations	165	170	26
Bachelor of Social Work (BSW) <sup>3</sup>	150	150	26
	Subject to a satisfactory police check, safety checks, and referees' reports. Interviews and IELTS or TOEFL internet-based test (iBT) may be required.		
Bachelor of Sport, Health and Physical Education (BSportHPE) <sup>3</sup>	150	150	26
Bachelor of Urban Planning (Honours) (BUrbPlan(Hons))	180	190	27



## Conjoint programmes

Applicants must achieve the greater of the two rank scores for their selected programmes and must meet the entry requirements for both programmes. Not all degree programmes have conjoint options.

Programme	NCEA (Level 3)	Cambridge International	IB
Bachelor of Advanced Science (Honours) conjoins	275	330	36
Bachelor of Arts conjoins	210	230	28
Bachelor of Commerce conjoins	210	230	28
Bachelor of Communication conjoins	210	230	28
Bachelor of Design conjoins	210	230	28
Bachelor of Engineering (Honours) conjoins	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 conjoins	210	230	28
Bachelor of Global Studies conjoins	210 with a minimum of 16 credits in each of three subjects from the NCEA approved subject list. Study of an additional language is encouraged.	230. Study of an additional language is encouraged.	28. Study of an additional language is encouraged.
Bachelor of Health Sciences conjoins	250 with a minimum of 18 credits in one of Classical Studies, English, Geography, History, History of Art, Social Studies or Te Reo Māori (or Te Reo Rangatira) and a minimum of 18 credits in one of Biology, Chemistry or Physics	300 with one of Classical Studies, English, Geography, History and one of Biology, Chemistry, or Physics at full A Level	33
Bachelor of Laws (Part I) conjoins	Satisfy the conjoint score for the other degree.		
Bachelor of Music conjoins	210  Subject to the qualitative evaluation of: • Creative Practice: Classical – an audition portfolio <sup>8</sup> • Creative Practice: Jazz – an audition portfolio <sup>8</sup> • Creative Practice: Popular Music – an audition portfolio <sup>8</sup>	230	28
Bachelor of Nursing conjoins	230 with a minimum of 18 credits in one of Classical Studies, English, Geography, History, History of Art, Social Studies or Te Reo Māori (or Te Reo Rangatira) and a minimum of 18 credits in one of Biology, Chemistry or Physics	280 with one of Classical Studies, English, Geography, History and one of Biology, Chemistry, or Physics at full A Level	31
Bachelor of Property conjoins	210	230	28
Bachelor of Science conjoins	210	230	28

*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.*

*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.*

*Applicants for the Bachelor of Optometry (BOptom) and Bachelor of Medical Imaging (Honours) (BMedImag(Hons)) 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.*

**1.** Māori and Pacific applicants, and applicants from refugee or low socio-economic backgrounds, or with declared disabilities, who achieve University Entrance (UE), will be admitted to the BA Targeted Admission Scheme with NCEA or Cambridge International rank scores of 120–149 or an IB score of 24–25. Equity applicants with rank scores of 119 or below and all other applicants with rank scores of 129 or below may be assessed on a case-by-case basis and may be referred to an appropriate foundation programme. Other applicants with UE and NCEA or Cambridge International rank scores of 130–149 will be considered for conditional admission to the BA. **2.** For more information on the Targeted Admission Scheme for Business School programmes please see [auckland.ac.nz/business-mopas](https://auckland.ac.nz/business-mopas). **3.** School-leaver 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 (UTAS). **4.** Subject to places being available in the BE(Hons): NCEA students will be accepted with a lower rank score and a minimum of 11 Level 3 external credits in Calculus and a minimum of 10 Level 3 external credits in Physics. **5.** For Cambridge International students, AS Mathematics and Physics may be accepted based on the level of grade achieved. For IB students, SL Physics and SL Mathematics "Analysis and Approaches" may be accepted based on level of grade achieved. SL Mathematics "Applications and interpretation" will not be accepted. **6.** The Faculty of Engineering will consider admission for 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. **7.** Applicants for Bachelor of Laws (LLB) Part II must first complete LLB Part I. Places in LLB Part II are limited, and are allocated on the basis of each applicant's grades in LLB Part I and their non-Law course results (Law GPA). The Law GPA required to guarantee entry to LLB Part II will not be higher than 6.5 (equivalent to a grade midway between B+ and A-). **8.** An audition can include evaluations of one or more recorded and/or live elements. [auckland.ac.nz/bmus](https://auckland.ac.nz/bmus); [auckland.ac.nz/bdancest](https://auckland.ac.nz/bdancest). **9.** Māori and Pacific applicants and other equity target groups with an NCEA rank score greater than or equal to 140 (Cambridge International 130, IB 25) will be admitted to the BSc, with the exception of majors in Biomedical Science or Food Science and Nutrition. Māori and Pacific applicants and other equity target groups with an NCEA rank score greater than or equal to 220 (Cambridge International 260, IB 29) will be admitted to the BAdvSci (Hons). Māori and Pacific applicants and other equity target groups with an NCEA rank score greater than or equal to 260 (Cambridge International 310, IB 33) will be admitted to the BAdvSci(Hons) conjoins. Māori and Pacific applicants and other equity target groups with an NCEA rank score less than 140 and UE will be conditionally admitted to the BSc, dependant on successful completion of the UniBound (Academic Enrichment Programme) (passing all courses). **10.** Māori and Pacific applicants, and applicants from refugee or low socio-economic backgrounds, or with declared disabilities, who achieve University Entrance (UE), will be admitted to the BGlobalSt Targeted Admission Scheme with an NCEA rank score of 180 or higher or a Cambridge International rank score of 190 or higher or an IB score of 27. Applicants with scores lower than this will be referred to other programmes, as appropriate.

NB: 'Undergraduate programme admission requirements for school leavers who have achieved University Entrance' is an excerpt from the University of Auckland 'Undergraduate Prospectus 2025', for page references see prospectus.

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 our Careers counsellors who have information on a huge variety of careers and tertiary courses. They are available on (09) 820 1729 and are happy to talk with parents.

Subject	Teacher	Subject	Teacher
<b>ARTS</b>		<b>PHYSICAL EDUCATION</b>	
Art Digital, Art Photography - Years 12 and 13	<i>Mrs Delaney</i>	Health Education	<i>Mr Hita</i>
Visual Arts - Years 11, 12 and 13	<i>Ms Watt</i>	Outdoor Education	<i>Ms Goldthorpe</i>
Dance	<i>Miss Schmidt</i>	Physical Education	<i>Mr Arslanian</i>
Drama	<i>Ms Stone</i>	<b>SCIENCE</b>	
Music	<i>Dr Garner</i>	Biology	<i>Miss Lane</i>
<b>COMMERCE</b>		Chemistry	<i>Dr Berry</i>
Accounting	<i>Mr Kemp</i>	Horticulture	<i>Mr Irwin</i>
Economics	<i>Mr Kemp</i>	Physics	<i>Mr Herber</i>
Business Studies	<i>Mr Kemp</i>	Science / Earth and Space Science	<i>Mr Stephen</i>
<b>ENGLISH</b>		<b>SOCIAL SCIENCE</b>	
Year 11	<i>Mr McColl-Donnelly</i>	Classical Studies / Social Science	<i>Ms Watts</i>
Year 12	<i>Mr McColl-Donnelly</i>	Geography	<i>Ms Hanna</i>
Year 13	<i>Mr McColl-Donnelly</i>	History	<i>Ms Fraser</i>
Media Studies	<i>Miss Rive</i>	Psychology	<i>Mrs Williams</i>
<b>ESOL</b>		Travel and Tourism	<i>Mrs Dann</i>
ESOL	<i>Ms Trivedi Tanna</i>	<b>TECHNOLOGY</b>	
<b>LANGUAGES</b>		Food and Soft Materials	<i>Mrs Khan</i>
French	<i>Ms Le Bout</i>	Resistant Materials	<i>Mr Bartlett</i>
Japanese	<i>Ms Ishihara</i>	All Technology	<i>Mr Bartlett</i>
Te Reo Māori	<i>Ms Howell</i>	Innovation Programme	<i>Mr Prasad</i>
Samoan	<i>Mr Eneliko</i>	<b>TRANSITION</b>	
Spanish	<i>Miss Peña Portela / Ms Toca</i>	Employment Skills	<i>Mrs Birkhead / Ms Thomson</i>
<b>MATHEMATICS</b>			
Year 11 Mathematics and Statistics (all courses)	<i>Mr Mazid</i>		
Year 12 Mathematics and Statistics (all courses)	<i>Mr Mazid</i>		
Year 13 Mathematics and Statistics (all courses)	<i>Mr Mazid</i>		

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 11 Te Reo Māori gives the following information:

- it is a full course
- it is a level 1 course
- a total of 20 credits are offered
- of these 10 credits are from internally assessed achievement standards and 10 credits are from externally assessed achievement standards
- to enter the course a student must have completed Year 10 Te Reo Māori
- the assessments will be during the year for internal, and at the end of year for external
- the course leads to Level 2 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	<input type="radio"/>	
Internal Achievement Standards	10	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	20

**Course Description:** 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 relating to teenage lives here in New Zealand.

**Assessment:** Kōrerorero and Te whakapuaki whakaaro (conversational Māori and communicating thoughts) are two internally assessed standards. Both are assessed after weeks of preparation. The standards are assessed in term 2 and 3. Each standard is assessed in six hour blocks. Students go over the tasks during the assessments, but are well prepared beforehand. There are two externally assessed standards at the end of the year. All standards give the opportunity to gain literacy credits.

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

# ARTS LEARNING AREA

## Pathway Charts

Art and Design Department

Music Department

Performing Arts Department

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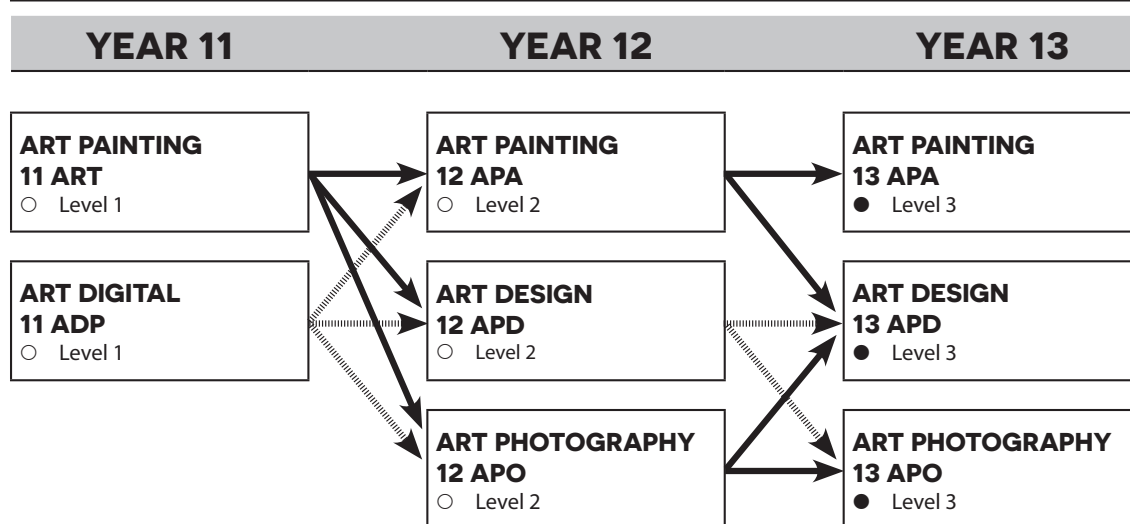
COURSE		ENTRY REQUIREMENTS	PAGE
10 ART	Year 10 Visual Art	Satisfactory completion of Year 9 Visual Art.	21
11 ART	Year 11 NCEA Visual Art Painting	Successful completion of Year 10 Visual Art or at the Director's discretion based on a practical task.	21
11 ADP	Year 11 NCEA Visual Art Digital		
12 APD	Year 12 NCEA Visual Art Design	10 credits from Level 1 Visual Art Painting or Digital. This must include AS91914 and AS91915.	22
12 APA	Year 12 NCEA Visual Art Painting		22
12 APO	Year 12 NCEA Visual Art Photography		22
13 APD	Year 13 NCEA Visual Art Design	20 credits from Level 2 Visual Art Design/Painting/Photography. 20 credits from Level 2 Visual Art Painting. 20 credits from Level 2 Visual Art Design/Photography.	23
13 APA	Year 13 NCEA Visual Art Painting		23
13 APO	Year 13 NCEA Visual Art Photography		23
10 MUS	Year 10 Music	Satisfactory completion of 9 MUS or successful interview/audition with the Director of Music.	24
11 CMU	Year 11 Cambridge Music	Satisfactory completion of 10 MUS or successful interview/audition with the Director of Music.	25
12 CMU	Year 12 Cambridge Music	Satisfactory completion of 11 CMU, 11 MUS, 11MCT or successful interview/audition with the Director of Music.	25
13 CMU	Year 13 Cambridge Music	Satisfactory completion of 12 CMU.	25
11 MUS	Year 11 NCEA Music	Satisfactory completion of 10 MUS or successful interview/audition with the Director of Music.	26
11 MCT	Year 11 Music Technology	Satisfactory completion of 10 MUS or successful interview/audition with the Director of Music.	26
12 MUS	Year 12 NCEA Music	Satisfactory completion of 11 CMU, 11 MUS, 11 MCT or successful interview/audition with the Director of Music.	26
12 MCT	Year 12 Music Technology	Satisfactory completion of 11 CMU, 11 MUS, 11 MCT or successful interview/audition with the Director of Music.	27
13 MUS	Year 13 NCEA Music	Satisfactory completion of 12 CMU, 12 MUS or 12 MCT or successful interview/audition with the Director of Music.	27
13 MCT	Year 13 Music Technology	Satisfactory completion of 12 CMU, 12 MUS or 12 MCT or successful interview/audition with the Director of Music.	27
10 DSE	Year 10 Dance	Satisfactory completion of the Year 9 Dance course or by successful interview/audition with the Director of Dance	28
11 DSE	Year 11 NCEA Dance	Satisfactory completion of the Year 10 Dance course or by successful interview/audition with the Director of Dance	28
12 DSE	Year 12 NCEA Dance	11 credits in NCEA Level 1 Dance. This must include 6 internal credits from AS91937 and 4 credits from AS91939, or by interview/audition with the Director of Dance.	29
13 DSE	Year 13 NCEA Dance	16 credits in NCEA Level 2 Dance. This must include 4 internal credits from AS91589 and 4 external credits from AS91594.	29
10 DRA	Year 10 Drama	Satisfactory completion of the Year 9 Drama course or by successful interview/audition with the Director of Drama.	29
11 DRA	Year 11 NCEA Drama	Satisfactory completion of the Year 10 Drama course or by successful interview/audition with the Director of Drama.	30
12 DRA	Year 12 NCEA Drama	10 credits in NCEA Level 1 including 1.3, or by successful interview/audition with the Director of Drama.	30
13 DRA	Year 13 NCEA Drama	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	30

## 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.

**Course Description:** Drawing, painting, printmaking 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 PAINTING

## 11 ART

**Entry Requirements:** Successful completion of 10 ART or at the Director's discretion based on a practical task.

CREDITS AVAILABLE			LEVEL 1
Internal Achievement Standards	5	External Achievement Standards	10
		Internal Unit Standards	0
			<b>Total Credits</b>
			<b>15</b>

**Course Description:** This course includes a variety of art making processes and conventions in a range of different media, including drawing, printmaking and painting.

**Assessment:** The course is assessed using four achievement standards.

Students produce research and artworks, submitted in an A3 clearfile, and a folio board for 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 VISUAL ART DIGITAL

## 11 ADP

**Entry Requirements:** Successful completion of 10 ART or at the Director's discretion based on a practical task.

CREDITS AVAILABLE			LEVEL 1
Internal Achievement Standards	5	External Achievement Standards	10
		Internal Unit Standards	0
			<b>Total Credits</b>
			<b>15</b>

**Course Description:** This course includes a variety of art making processes and conventions in a range of different digital media. This course is focussing on the foundational digital skills required for Year 12 Design and Photography.

**Assessment:** The course is assessed using four achievement standards.

Students produce research and artworks, submitted in an A3 clearfile, and a folio board for 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

### 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 VISUAL ART DESIGN

**12 APD**

**Entry Requirements:** 10 credits from Level 1 Visual Art Painting or Digital. This must include AS91914 and AS91915.

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 PAINTING

**12 APA**

**Entry Requirements:** 10 credits from Level 1 Visual Art Painting or Digital. This must include AS91914 and AS91915.

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 PHOTOGRAPHY

**12 APO**

**Entry Requirements:** 10 credits from Level 1 Visual Art Painting or Digital. This must include AS91914 and AS91915.

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:** 20 credits in Level 2 Art Design, Level 2 Art Painting 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:** 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 or Level 2 Art Design.

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 photographic conventions.
- Clarifying ideas using drawing.
- Producing a body of work within Photography. (portfolio)

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

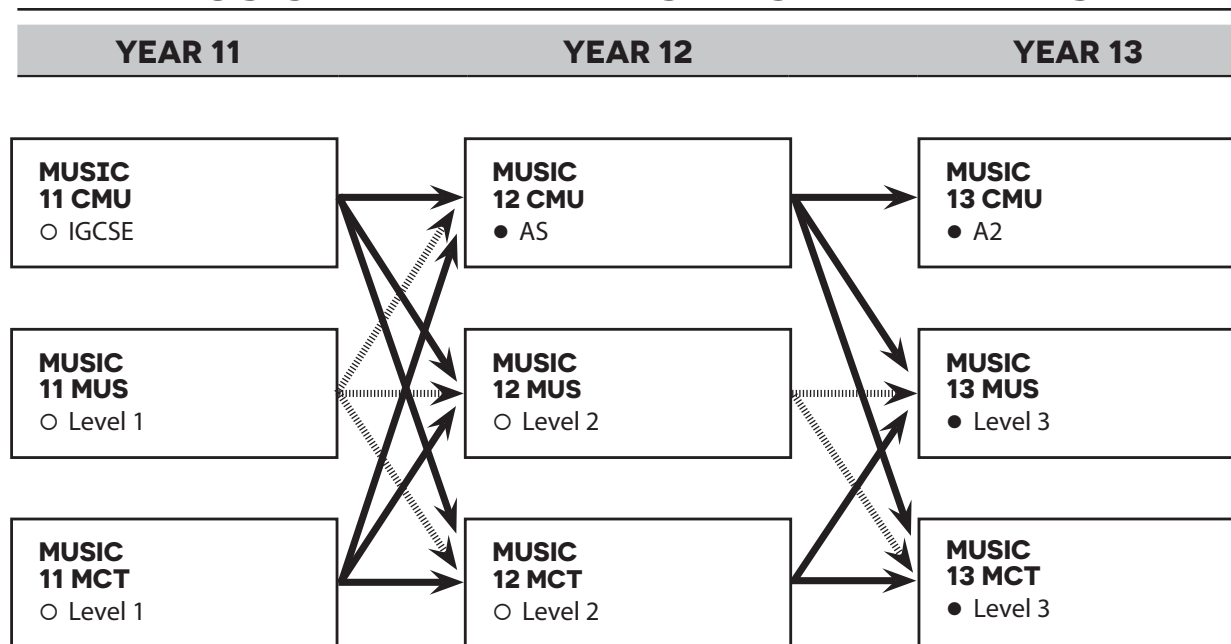
## CORE COURSES

- ☐ 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

**Entry Requirements:** Satisfactory completion of 9 MUS or successful interview/audition with the Director of Music.

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

**Course Description:** 10 MUS 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. All students must be learning an instrument in school or privately. There will be an exam at the end of the year assessing theory and aural skills. Solo and Group performance will be assessed practically. Music Technology will be assessed with two practical assignments on Midi software (BandLab), Notation Software (Sibelius) and in-class tests.

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

- 1) Solo Performance
- 2) Group Performance
- 3) Composition
- 4) Music Theory
- 5) Aural Skills
- 6) Music Technology - Notation Software
- 7) Music Technology - Sequencing Software

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

## SENIOR MUSIC

There are three music pathways offered in the senior levels; NCEA Music, Cambridge Music and NCEA Music Technology. Each pathway is designed to focus on building skills in students' areas of interests and strengths within the subject. Students may perform on any instrument, including voice, for any pathway.

NCEA Music Technology combines unit standards and achievement standards to provide a course focusing on building technical skills. This course is for students who are interested in music production, recording and sound engineering. While playing an instrument is important, it is not necessary to play as a soloist. Instrumental skills are used instead to play in groups and to input sounds into software programmes.

In both NCEA and Cambridge Music, the focus is on developing students' ability to create music through performance and composition. In NCEA, students also build research and theory skills, create arrangements and develop ensemble skills.

In addition to performance and composition, students following the Cambridge pathway will study a broad range of musical styles, from World Music to jazz, pop/rock and classical. While IGCSE and AS offers breadth of study, A level music offers the

### 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.



ability for students to specialise in their choice of two of three key areas; Performance, Composition, or Investigation. While the Music Technology course is industry focused, the inclusion of Achievement standards provides a possible pathway back to the NCEA course if desired, as well as university entrance credits. Both NCEA and Cambridge Music prepare students well for tertiary study. All senior students must be learning an instrument either through our free itinerant instrumental programme or through private lessons.

## YEAR 11 MUSIC (IGCSE)

11 CMU ○

**Entry Requirements:** Satisfactory completion of 10 MUS or successful interview/audition with the Director of Music.

**Course Description:** Students must have learnt an instrument for at least two years and be prepared to continue with lessons. Students will listen to, perform and compose 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

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

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

## YEAR 12 MUSIC (AS)

12 CMU ●

**Entry Requirements:** Satisfactory completion of 11 CMU, 11 MUS, 11MCT or successful interview/audition with the Director of Music.

**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) Compositional Techniques and Performance Practice
- 2) Understanding Music
- 3) Connecting Music

Component 2 is coursework. There are two compulsory elements: performing and composing

**Assessment:**

External exam: 60%

Coursework: 40% Assessed internally and moderated by Cambridge.

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

## YEAR 13 MUSIC (A2)

13 CMU ●

**Entry Requirements:** Satisfactory completion of 12 CMU.

**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.

### 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

## 11 MUS

**Entry Requirements:** Satisfactory completion of 10 MUS or successful interview/audition with the Director of Music. Students must have learnt a musical instrument or voice for at least three years, either through the itinerant programme in Year 9 or 10 classroom Music or privately. They should also 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.

CREDITS AVAILABLE			LEVEL 1	<input type="radio"/>
Internal Achievement Standards <b>10</b>	External Achievement Standards <b>5</b>	Internal Unit Standards <b>6</b>	<b>Total Credits</b>	<b>21</b>

**Course Description:** This course is suitable for students interested in performing and composing music through notation. Students will develop skills in performing music. They will strengthen their theory knowledge and use technology to create music.

- Musical style
- Performing
- Composing
- Sequencing (Level 2)
- Notation (Level 2)

**Leads to** 12CMU, 12MUS or, 12MCT

## YEAR 11 MUSIC TECHNOLOGY

## 11 MCT

**Entry Requirements:** Satisfactory completion of 10 MUS or successful interview/audition with the Director of Music. Students must learn an instrument, either through the free school itinerant programme or privately throughout the duration of study in this course.

CREDITS AVAILABLE			LEVEL 1	<input type="radio"/>
Internal Achievement Standards <b>10</b>	External Achievement Standards <b>5</b>	Internal Unit Standards <b>6</b>	<b>Total Credits</b>	<b>21</b>

**Course Description:** This course is suitable for students interested in the production and technology side of music. Students will develop performing skills by playing in an ensemble. They will learn about contemporary music styles and create music as producers. They will learn how to set up, record, mix and edit in a recording studio context.

- Contemporary musical style
- Group Performance
- Composing through production
- Sound for entertainment and events

**Leads to:** 12 CMU, 12 MUS or 12 MCT

## YEAR 12 MUSIC

## 12 MUS

**Entry Requirements:** Satisfactory completion of 11 CMU, 11 MUS, 11 MCT or successful interview/audition with the Director of Music. Students must be prepared to attend instrumental lessons either privately or through the itinerant system. If learning privately, confirmation from the tutor will be required. Any style of music performance is acceptable, eg jazz, rock, classical etc. They will also choose between solo or group performance.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>
Internal Achievement Standards <b>10-12</b>	External Achievement Standards <b>4</b>	Internal Unit Standards <b>8</b>	<b>Total Credits</b>	<b>22-24</b>

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

- Solo Performance AS (6) **or:**
- Group Performance AS (4)
- Composition AS (6)
- Music Technology Notation US (4) (Level 3)
- Music Technology Sequencing US (4) (Level 3)
- Score Reading AS (4) External

**Leads to:** 13 MUS or 13MCT

### 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 MUSIC TECHNOLOGY

## 12 MCT

**Entry Requirements:** Satisfactory completion of 11 CMU, 11 MUS, 11 MCT or successful interview/audition with the Director of Music. Students must learn an instrument, either through the school itinerant programme or privately, throughout the duration of study in this course.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	0	Internal Unit Standards	12	Total Credits	22

**Course Description:** This course is suitable for students interested in the production, technology and performance side of music. It is made up of a mix of unit and achievement standards. In order to change from this course to Level 3 Music (NCEA), the student must gain an Achieve or higher in the Group Performance and Composition standards. Students will take the Level 3 Music Technology Sequencing standard.

- 1) Music Technology Sequencing US (4) (Level 3)
- 2) Sound Technology in Performance US (4)
- 3) Music Technology Research US (4)
- 4) Group Performance AS (4)
- 5) Composition (Songwriting) AS (6)

**Leads to:** 13 MCT or 13 MUS

## YEAR 13 MUSIC

## 13 MUS

**Entry Requirements:** Satisfactory completion of 12 CMU, 12 MUS or 12 MCT or successful interview/audition with the Director of Music. 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	36	External Achievement Standards	4	Internal Unit Standards	0	Total Credits	20-40

**Course Description:** Students will select a course from the standards below with a minimum of 20 credits.

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

**Standards included in this course are:**

- 1) Solo Performance AS (8)
- 2) Group Performance AS (4)
- 3) Score Reading AS (4) External
- 4) Performance on a second instrument AS (4)
- 5) Composition AS (8)
- 6) Songwriting AS (8)
- 7) Arranging AS (4)

**Leads to:** Music related tertiary or practical/theoretical music study (University, Unitec or SAE)

## YEAR 13 MUSIC TECHNOLOGY

## 13 MCT

**Entry Requirements:** Satisfactory completion of 12 CMU, 12 MUS or 12 MCT or successful interview/audition with the Director of Music. Students must learn an instrument, either through the school itinerant programme or privately, throughout the duration of study in this course.

CREDITS AVAILABLE					LEVEL 3	●	
Internal Achievement Standards	16	External Achievement Standards	0	Internal Unit Standards	9	Total Credits	25

**Course Description:** This course is suitable for students interested in the production, technology and performance side of music. It is made up of a mix of unit and achievement standards.

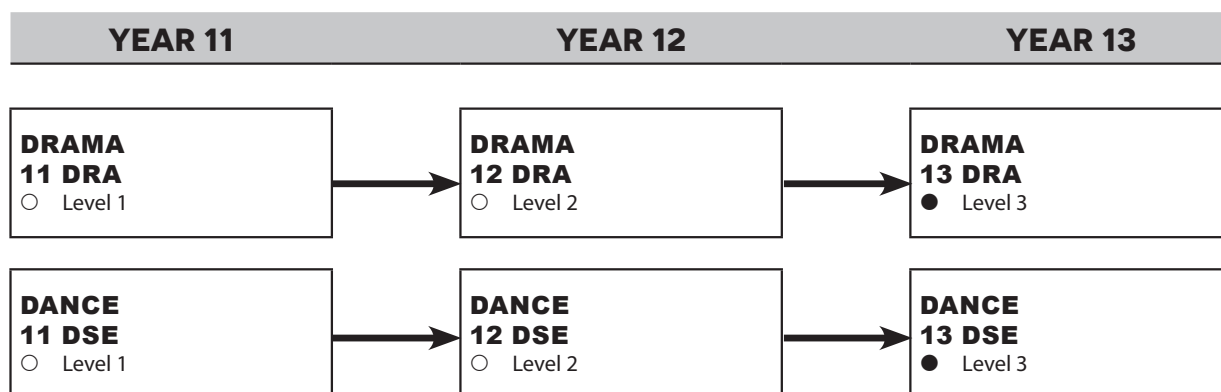
- 1) Solo Performance AS (8)
- 2) Songwriting AS (8)
- 3) Develop Sound Design (US) (5)
- 4) Realise Sound Design (US) (4)

**Leads to:** Music related tertiary or practical/theoretical music study (University, Unitec or SAE)

### 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.

# 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 the Director of Dance.

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

**Course Description:** This course is designed to align with the four Curriculum Dance strands at Level 5 stated in 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 allows students to develop skill in choreography and performance. This includes, technique, choreographic processes and performance practices. The elements and devices of dance are used as a tool to demonstrate how learning is processed. Learning to create choreography and develop confidence is emphasised in this yearly course. Appropriate gear is a course requirement. Students are encouraged to take an active role in our annual Dance Showcase in Term 3.

**Assessment:** Each term you will be assessed on the set units of work. There will be written work associated with most units, and this will be completed throughout the year.

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

## YEAR 11 DANCE

**11 DSE**

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

CREDITS AVAILABLE			LEVEL 1
Internal Achievement Standards	11	External Achievement Standards	9
		Internal Unit Standards	0
			<b>Total Credits</b> 20

**Course Description:** The content of the course is aligned with the four key competencies in Dance as stated in the New Zealand Arts Curriculum. These are:

- Critical Thinking and Analysis
- Collaboration
- Building Relationships
- Exploring Cultures and Identities

The course is designed to connect students to their future learning pathways. To enable this process, Year 11 Dance develops the student's choreography, technical, performance and analytical skills from Year 10 Dance. Students will expand their understanding of New Zealand Dance through a written report analysis and an end of year examination.

All four achievement standards cover five areas of the Learning Matrix for Dance. Appropriate gear is a course requirement. Students are expected to take an action role in evening performances throughout the year.

A digital report is submitted for external grading at the end of Term 3.

A written examination is completed at the end of Term 4.

**Leads to:** 12 DSE

### 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 DANCE

**12 DSE**

**Entry Requirements:** 11 credits in NCEA Level 1 Dance. This must include 6 internal credits from AS91937 and 4 credits from AS91939, 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:** The content of the course is aligned with the four key competencies in Dance as stated in the New Zealand Arts Curriculum. These are:

- Critical Thinking and Analysis
- Collaboration
- Building Relationships
- Exploring Cultures and Identities

The course is designed to connect students to their future learning pathways. To enable this process, Year 12 Dance will advance the student's choreography, technical, performance and analytical skills from Year 11 Dance. Students are introduced to choreographic processes and practice to enhance their understanding of New Zealand Dance through an end of year examination. All four achievement standards cover five areas of the Learning Matrix for Dance. Appropriate gear is a course requirement. Students are expected to take an action role in evening performances throughout the year.

**Leads to:** 13 DSE

## YEAR 13 DANCE

**13 DSE**

**Entry Requirements:** 16 credits in NCEA Level 2 Dance. This must include 4 internal credits from AS91589 and 4 external credits from AS91594.

CREDITS AVAILABLE			LEVEL 3	<input checked="" 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 aligned with the four key competencies in Dance as stated in the New Zealand Arts Curriculum. These are:

- Critical Thinking and Analysis
- Collaboration
- Building Relationships
- Exploring Cultures and Identities

Dance is a UE approved subject at Level 3. The course is designed to connect students to their future learning pathways. To enable this process, Year 13 Dance will progress to evolve student's choreography, technical, performance and analytical skills from Year 12 Dance. Students expand on their existing awareness of New Zealand Dance on choreographic processes and practice through an end of year examination. All four achievement standards cover five areas of the Learning Matrix for Dance. Appropriate gear is a course requirement. Students are expected to take an action role in evening performances throughout the year.

There will be a written examination during Term 3 and 4.

**Leads to:** Tertiary Level study and/or professional dance involvement overseas or within the community.

## YEAR 10 DRAMA

**10 DRA**

**Entry Requirements:** 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		0	External Achievement Standards		0	Internal Unit Standards		4	Total Credits	4

**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.

### 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.



- Demonstrate understanding of a significant play.
- The study of improvisation for performance.

**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 reflection work associated with each unit. 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 the Year 10 Drama course or by successful interview/audition with the Director of Drama.

CREDITS AVAILABLE			LEVEL 1	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	20

**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. The four achievement standards cover drama techniques, drama elements and conventions, devised drama, theatre study and performance. All practical assessment is supported by written/ oral reflections.

Two achievement standards will be internally assessed, and two achievement standards will be externally assessed.

Three of the achievement standards are practical performance based tasks, and one achievement standard is a written portfolio of live performance responses.

Students will be given an opportunity to view professional productions in preparation for this portfolio standard.

**Leads to:** 12 DRA

## YEAR 12 DRAMA

## 12 DRA

**Entry Requirements:** 10 credits in NCEA Level 1 including 1.3, or by successful interview/audition with the Director of Drama.

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 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. The five achievement standards cover drama techniques, drama elements and conventions, devised drama, theatre study and performance. All practical assessment is supported by written/oral reflections.

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.

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

**Leads to:** 13 DRA and Scholarship Drama

## YEAR 13 DRAMA

## 13 DRA

**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	18	External Achievement Standards	4	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, an after-school dress rehearsal and an evening performance. The five achievement standards cover drama techniques, drama elements and conventions, devised drama, theatre study and performance. All practical assessment is supported by written/oral reflections.

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.

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.

### 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.

# COMMERCE LEARNING AREA

## Commerce Pathway Chart

Page 32

COURSE	ENTRY REQUIREMENTS	PAGE
10 COM Year 10 Commerce	Preparation for IGCSE ACC, BUS and Level 1 COM. No restrictions.	31
11 CAC Year 11 Cambridge IGCSE Accounting	Grade 'M' or higher in Year 10 Mathematics.	32
12 CAC Year 12 Cambridge AS Accounting	IGCSE Grade 'C' or above in a suitable subject.	33
13 CAC Year 13 Cambridge A2 Accounting	AS Grade 'D' or above in Accounting is recommended.	33
11 CBS Year 11 Cambridge IGCSE Business Studies	Satisfactory completion of Year 10 COM and A4 grade or higher in English and Mathematics.	34
12 CBS Year 12 Cambridge AS Business Studies	IGCSE Grade 'C' or above in a suitable subject.	34
13 CBS Year 13 Cambridge A2 Business Studies	AS Grade 'D' or above in Business Studies is recommended.	34
11COM Year 11 NCEA Commerce	A grade or higher in Year 10 English or Mathematics.	35
12 ACC Year 12 NCEA Accounting	10 Level 1 Commerce credits, plus the Level 1 Commerce Accounting module.	35
13 ACC Year 13 NCEA Accounting	14 Level 2 Accounting credits, including achievement in one external paper and Achievement in Level 2 English.	35
12 ECO Year 12 NCEA Economics	10 Level 1 Commerce credits, plus the Level 1 Commerce Economics module.	36
13 ECO Year 13 NCEA Economics	14 credits in Level 2 Economics.	36
12 BUS Year 12 NCEA Business Studies	10 credits in 11COM.	36
13 BUS Year 13 NCEA Business Studies	14 or more credits in 12BUS.	37

## YEAR 10 COMMERCE

## 10 COM

**Entry Requirements:** Open Entry.

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

**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, Business Studies and Commerce 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.

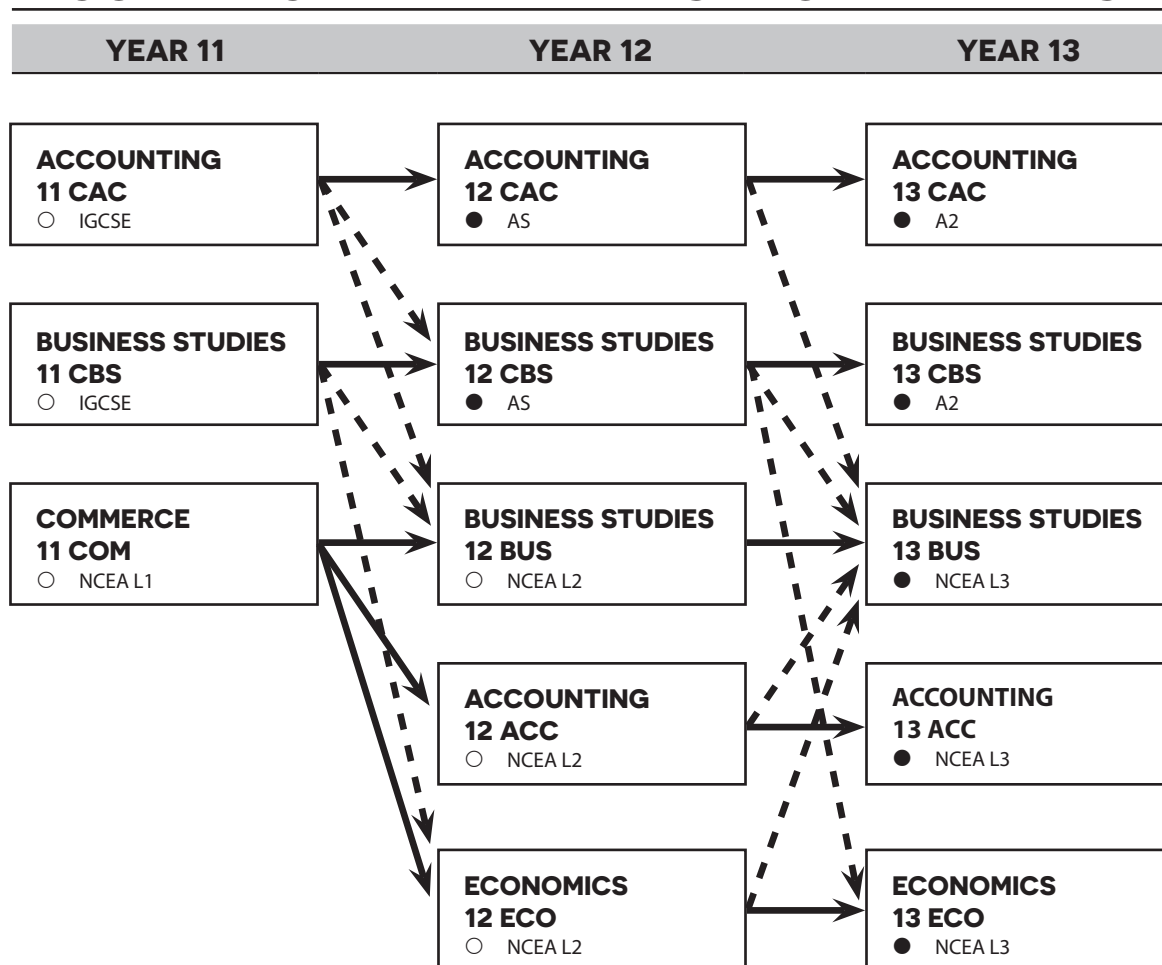
### FULL COURSES

- 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.

**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, Business Studies and Commerce in the senior school (NCEA or Cambridge).

## COMMERCE DEPARTMENT SENIOR PATHWAYS



## YEAR 11 ACCOUNTING (IGCSE)

**11 CAC** ○

**Entry Requirements:** Grade 'M' or higher in Year 10 Mathematics.

**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

### 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 ACCOUNTING (AS)

12 CAC ●

**Entry Requirements:** IGCSE Grade 'C' or above in a suitable subject is recommended. 2023 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

- (a) develop an ability to apply accounting concepts, principles and practices;
- (b) 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;
- (c) develop a critical and analytical approach to examining and evaluating accounting policies and practices;
- (d) develop skills of communication, analysis, interpretation and presentation of both qualitative and quantitative accounting information.

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

### **A. Financial Accounting**

- i) Business Entities
- ii) The Accounting System
- iii) Preparations of Financial Statements
- iv) Controls, Reconciliation and Verification
- v) Analysis and Communication of Financial Information

### **B. Cost and Management Accounting**

- i) Costing of Materials and Labour
- ii) Absorption Costing
- iii) Marginal Costing

**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.

**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.

### **A. Financial Accounting**

- i) Preparation of Financial Statements
- ii) Regulatory and Ethical Considerations
- iii) Business Acquisitions and Mergers
- iv) Computerized Accounting Systems

### **B. Cost and Management Accounting**

- i) Activity Based Costing
- ii) Standard Costing
- iii) Budgeting and Budgetary Control
- iv) Investment Appraisal

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

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### **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 BUSINESS STUDIES (IGCSE)

11 CBS ○

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

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

- Understanding business activity
- People in Business
- Marketing
- Operations management
- Financial information and financial decisions
- External influences on business issues

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 English, 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.

# YEAR 12 BUSINESS STUDIES (AS)

12 CBS ●

**Entry Requirements:** IGCSE Grade 'C' or above in a suitable subject is recommended.

**Course Description:** The AS Business Studies course covers six 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
- Human Resource Management – 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
- Finance and Accounting – 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.

**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.

## 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.



- 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 COMMERCE

**11 COM**

**Entry Requirements:** A grade or higher in Year 10 English or Mathematics.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>
Internal Achievement Standards <b>10</b>	External Achievement Standards <b>5</b>	Internal Unit Standards <b>0</b>	<b>Total Credits</b>	<b>15</b>

**Course Description:** The strength of this NEW course is the inclusion of three subject areas - Economics, Accounting and Business Studies. Students will build the knowledge, skills and values they need to navigate, and participate in, the economic world. They will learn how participants in the economic world make decisions and analyse how those decisions impact sustainability. They will learn that scarcity necessitates decision-making and that cultural lenses inform decisions.

**Assessment:** The course is assessed through a combination of internally assessed and externally examined NCEA Level 1 Achievement Standards.

**Leads to:** 12 ACC, 12 BUS, 12 ECO

## YEAR 12 ACCOUNTING

**12 ACC**

**Entry Requirements:** 10 Level 1 Commerce credits, plus the Level 1 Commerce Accounting module.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>
Internal Achievement Standards <b>10</b>	External Achievement Standards <b>9</b>	Internal Unit Standards <b>0</b>	<b>Total Credits</b>	<b>19</b>

**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.

**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:** 14 Level 2 Accounting credits, including achievement in one external paper and Achievement in Level 2 English.

CREDITS AVAILABLE			LEVEL 3	<input checked="" type="radio"/>
Internal Achievement Standards <b>13</b>	External Achievement Standards <b>9</b>	Internal Unit Standards <b>0</b>	<b>Total Credits</b>	<b>22</b>

**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:** This course is assessed through a combination of internally assessed and externally examined NCEA Level 3 Achievement Standards.

### 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 ECONOMICS

12 ECO

**Entry Requirements:** 10 Level 1 Commerce credits, plus the Level 1 Commerce Economics module.

CREDITS AVAILABLE			LEVEL 2
Internal Achievement Standards	18	External Achievement Standards	4
		Internal Unit Standards	0
			<b>Total Credits</b> 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:** 14 credits in Level 2 Economics.

CREDITS AVAILABLE			LEVEL 3
Internal Achievement Standards	10	External Achievement Standards	10
		Internal Unit Standards	4
			<b>Total Credits</b> 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 12 BUSINESS STUDIES

12 BUS

**Entry Requirements:** 10 or more credits in 11COM.

CREDITS AVAILABLE			LEVEL 2
Internal Achievement Standards	15	External Achievement Standards	8
		Internal Unit Standards	0
			<b>Total Credits</b> 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:** 13 BUS

## 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 or more credits in 12BUS.

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.

## 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 LEARNING AREA

COURSE	ENTRY REQUIREMENTS	PAGE
10 ENG Year 10 English	Compulsory for all Year 10 Students.	38
11 CEN Year 11 Cambridge IGCSE English Literature	Majority of grades at Merit or Excellence in Year 10 English.	39
11 ENG Year 11 NCEA English	Majority of grades at Achieved or higher in Year 10 English.	39
11 ENA Year 11 NCEA English Applied	This course is recommended for students who do not meet the prerequisites for 11ENG. The Director selects students for this course.	40
12 CEN Year 12 Cambridge AS English Literature	IGCSE Grade 'C' or above. NCEA candidates wanting to enter this course may apply to the Curriculum Deputy Principal who will consult the Director.	40
12 ENG Year 12 NCEA English	At least 10 credits in Level 1 English	41
12 ENA Year 12 NCEA English Applied	Fewer than 10 credits in Level 1 English. The Director selects students for this course.	41
13 CEN Year 13 Cambridge A Level English Literature	AS Literature 'C' grade or above.	41
13 ENG Year 13 NCEA English	At least 14 credits in Level 2 English, including one L2 external.	42
13 ENA Year 13 NCEA English Applied	8-13 Level 2 credits and UE literacy has not been achieved.	42
10 MST Year 10 Media Studies	Majority of grades at Achieved or higher in Year 9 English.	42
12 MST Year 12 NCEA Media Studies	10 credits from Level 1 English or at HOD's discretion	42
13 MST Year 13 NCEA Media Studies	14 credits from Level 2 Media Studies including AS91253 or at HOD's discretion.	43

## YEAR 10 ENGLISH

## 10 ENG

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

**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.

**Leads to:** NCEA Level 1 English (11ENG or 11ENA) or IGCSE English. English remains compulsory at Year 12.

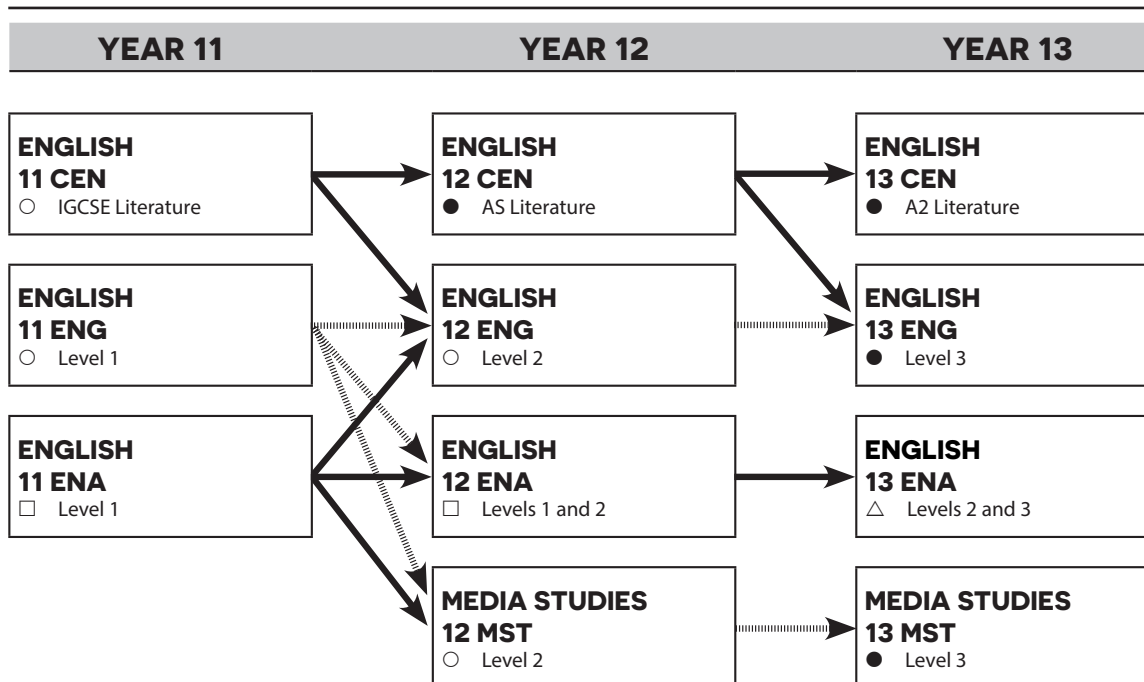
### CORE COURSES

- ☐ 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 DEPARTMENT SENIOR PATHWAYS



## YEAR 11 ENGLISH COURSES

There are two 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.

## YEAR 11 ENGLISH (IGCSE)

**11 CEN** ☐

**Entry Requirements:** The majority of grades at Merit or Excellence in Year 10 English. 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. The exam is a closed book exam.

**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 ENG**

**Entry Requirements:** An overall grade of Achieved or higher in Year 10 English.

CREDITS AVAILABLE					LEVEL 1	<input type="radio"/>
Internal Achievement Standards	5	External Achievement Standards	10	Internal LEVEL 2 Achievement Standards	3	Total Credits 18

**Course Description:** This is a full NCEA Level 1 course offering three Achievement Standards at level 1 and one at level 2. In this course, students will study a variety of written and visual texts with a focus on how these are constructed and connected to students in Aotearoa New Zealand. Students will develop an understanding of how text creators deliberately use language features and structures for specific effects. Students will also gain the ability to use language to create specific effects in their own creative and formal writing. This course will support students to develop the skills required to be successful in English this year and beyond.

**Leads to:** 12ENG or 12MST

### 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 ENGLISH APPLIED

# 11 ENA

**Entry Requirements:** This course is recommended for students who will need further support to meet NCEA requirements. The Director selects students for this course.

CREDITS AVAILABLE			LEVEL 1
Internal Achievement Standards	5	External Achievement Standards	10
		Internal Unit Standards	0
			<b>Total Credits</b> 15

**Course Description:** This course is designed to support students to develop their core literacy skills while still offering three Achievement Standards. In this course, students will study a variety of written and visual texts with a focus on how these are constructed and connected to students in Aotearoa New Zealand. Students will develop an understanding of how text creators deliberately use language features and structures for specific effects. Students will also gain the ability to use language to create specific effects in their own creative and formal writing. This course will support students to develop their reading and writing skills through a learning program targeted to the needs of the class.

**Leads to:** 12ENG or 12ENA

# YEAR 12 ENGLISH COURSES

There are two 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. 2023 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 challenging 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 close read unfamiliar 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, which is closed book.

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

# YEAR 12 ENGLISH

# 12 ENG

**Entry Requirements:** At least 10 credits in Level 1 English.

CREDITS AVAILABLE			LEVEL 2
Internal Achievement Standards	13	External Achievement Standards	8
		Internal Unit Standards	0
			<b>Total Credits</b> 21

**Course Description:** This course provides the opportunity for University Entrance Literacy to be gained in part through achievement in standards tagged with UE Literacy. This course also offers 17 English credits required by Auckland University. Students will closely study written and visual 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 assessed on their personal reading. This course develops skills needed for the study of English at Level 3.

**Leads to:** 13ENG

## 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 APPLIED

12 ENA

**Entry Requirements:** Fewer than 10 credits in Level 1 English. The Director selects students for this course.

CREDITS AVAILABLE			LEVEL 2 <input type="checkbox"/>
Internal Achievement Standards <b>14</b>	External Achievement Standards <b>0</b>	Internal Unit Standards <b>6</b>	<b>Total Credits 20</b>

**Course Description:** This course develops skills gained at Level 1. This practical, internally assessed course focuses 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 in reading and analysing texts, deliver an oral presentation and make connections between texts.

**Leads to:** 13ENG or 13ENA

## 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. 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. The external exam is a closed book exam.

**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 ENG

**Entry Requirements:** At least 14 credits in Level 2 English and one external standard at Level 2.

CREDITS AVAILABLE			LEVEL 3 ●
Internal Achievement Standards <b>13</b>	External Achievement Standards <b>8</b>	Optional Achievement Standards <b>3</b>	<b>Total Credits 21/24</b>

**Course Description:** A Level 3 University Entrance course. This course offers the study of short written texts and a film. Students will be required to produce a selection of fluent and coherent writing, and will have the option to deliver an oral presentation. 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.

## YEAR 13 ENGLISH APPLIED

13 ENA

**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>8</b>	<b>Total Credits 25</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, and making connections between texts 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.

### 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 MEDIA STUDIES

10 MST

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

**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 12 MEDIA STUDIES

12 MST

**Entry Requirements:** 10 Achievement Standard credits from Level 1 English or at HOD's discretion.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>			
Internal Achievement Standards	20	External Achievement Standards	4	Internal Unit Standards	0	Total Credits	24

**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

## YEAR 13 MEDIA STUDIES

13 MST

**Entry Requirements:** 14 credits from Level 2 Media Studies, including AS91253 or at HOD's discretion.

CREDITS AVAILABLE			LEVEL 3	●			
Internal Achievement Standards	16	External Achievement Standards	4	Internal Unit Standards	0	Total Credits	20

**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.

### 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.

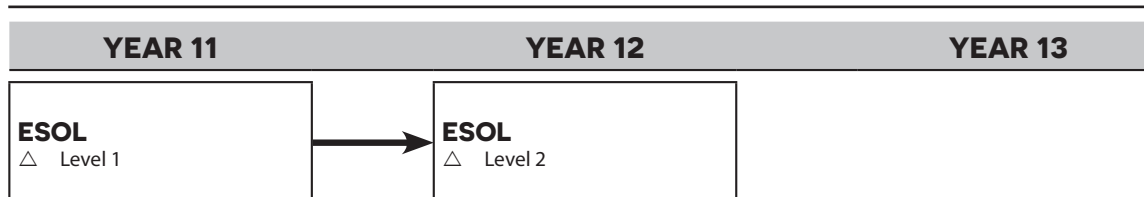
### ENTRY COURSES

- ☐ 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.

# ESOL LEARNING AREA

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.	43
11 ES1 Level 1 English as a Second Language	Satisfactory completion of the NESB foundation programme. Open to Year 11 and 12 students.	43
12 ES2 Level 2 English as a Second Language	Students will be selected for the appropriate course by the Director. Open to Year 12 and 13 students.	44

## 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 11 ES1

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

CREDITS AVAILABLE			LEVEL 1 <span style="float: right;">△</span>
Internal Achievement Standards <b>10</b>	External Achievement Standards <b>5</b>	Internal Unit Standards <b>0</b>	<b>Total Credits 10</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.

## LEVEL 2 ENGLISH AS A SECOND LANGUAGE 12 ES2

**Entry Requirements:** Students will be selected for the appropriate course by the Director. Open to Year 12 and 13 students.

CREDITS AVAILABLE	LEVEL 2 <span style="float: right;">△</span>
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.

### 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.

# LANGUAGES LEARNING AREA

## Languages Department Pathways Chart

Page 45

COURSE		ENTRY REQUIREMENTS	PAGE
10 FRE	Year 10 French	Satisfactory completion of the Year 9 French course.	45
11 CFR	Year 11 Cambridge IGCSE French	Satisfactory completion of the Year 10 French course.	46
11 FRE	Year 11 NCEA French	Satisfactory completion of the Year 10 French course.	46
12 CFR	Year 12 Cambridge AS French	14 credits from NCEA level 2 French or C or above grade at IGCSE French.	46
12 FRE	Year 12 NCEA French	10 credits from NCEA Level 1 French.	46
13 CFR	Year 12 Cambridge A2 French	Grade C or above AS French	47
13 FRE	Year 13 NCEA French	10 credits from NCEA Level 2 French.	47
10 JAP	Year 10 Japanese	Satisfactory completion of the Year 9 Japanese course.	47
11 JAP	Year 11 NCEA Japanese	Satisfactory completion of the Year 10 Japanese course, including the ability to read and write Japanese script.	47
12 JAP	Year 12 NCEA Japanese	10 credits from NCEA Level 1 Japanese.	48
13 JAP	Year 13 NCEA Japanese	10 credits from NCEA Level 2 Japanese.	48
10 SAO	Year 10 Samoan	Satisfactory completion of the Year 9 Samoan course.	48
11 SAO	Year 11 NCEA Samoan	Satisfactory completion of the Year 10 Samoan course.	48
12 SAO	Year 12 NCEA Samoan	10 credits from NCEA Level 1 Samoan.	49
13 SAO	Year 13 NCEA Samoan	10 credits from NCEA Level 2 Samoan.	49
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.	49
11 SPA	Year 11 NCEA Spanish	Satisfactory completion of the Year 10 Spanish course.	50
12 CSP	Year 12 Cambridge AS Spanish	14 credits from NCEA level 2 Spanish or C or above grade at IGCSE Spanish.	50
12 SPA	Year 12 NCEA Spanish	10 credits from NCEA Level 1 Spanish.	50
13 CSP	Year 13 Cambridge A2 Spanish	Grade C or above from AS Spanish.	50
13 SPA	Year 13 NCEA Spanish	10 credits from NCEA Level 2 Spanish.	51

### CORE COURSES

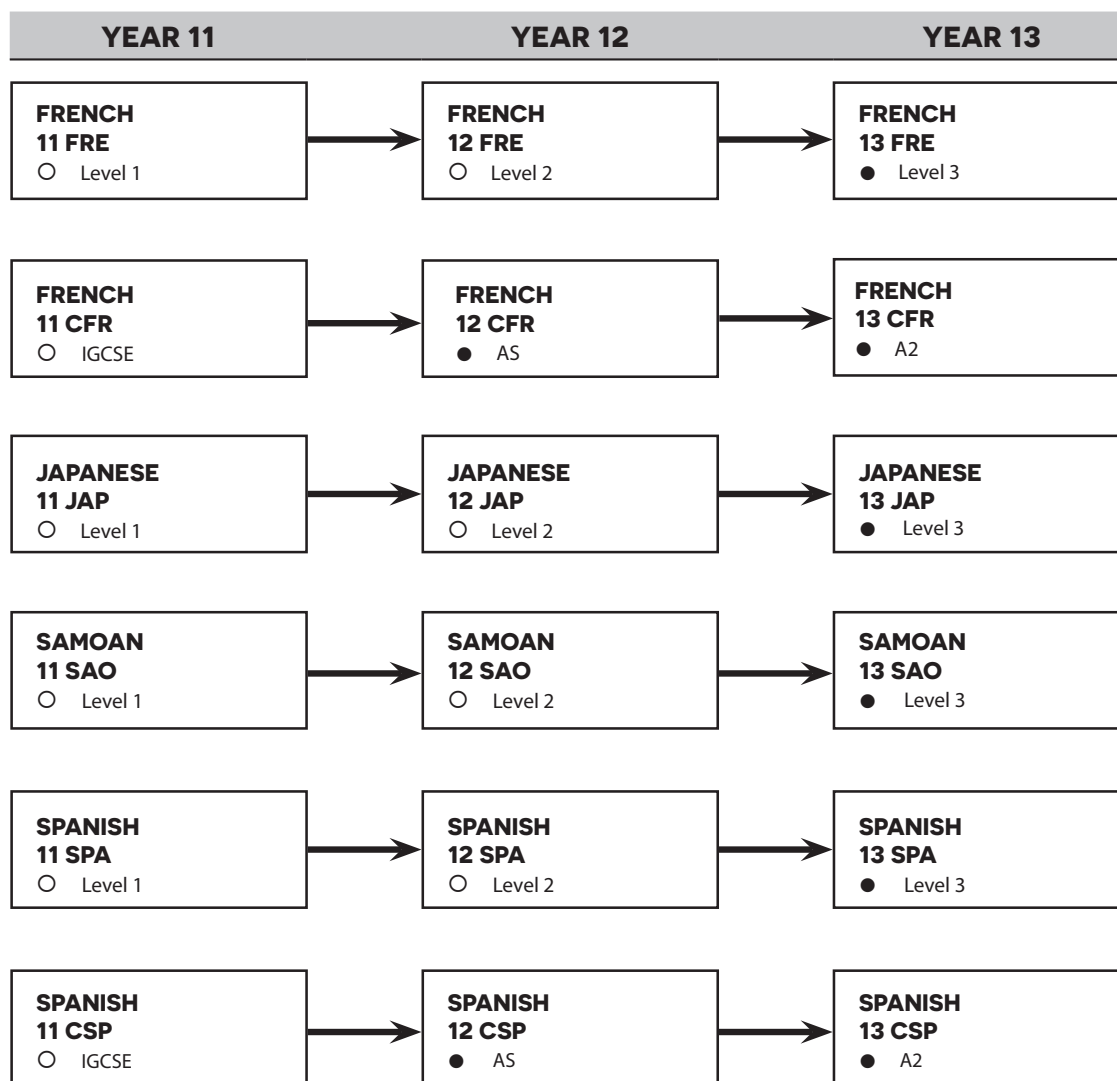
- ☐ A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### 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.

**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:** 12 CFR

## YEAR 11 FRENCH

11 FRE

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

CREDITS AVAILABLE			LEVEL 1 ○
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:** Through their studies students compare and contrast the lives of teenagers here in New Zealand and in French-speaking countries.

**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:** Speaking and writing are assessed internally during the year. 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 (AS)

12 CFR ●

**Entry Requirements:** 14 credits from NCEA level 2 French or C or above 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) 50%

Paper 3 Essay (1 hour 30 minutes) 21%

**This course leads to:** Higher Education courses and enriched employment opportunities. Also leads to A2 French.

## YEAR 12 FRENCH

12 FRE

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

CREDITS AVAILABLE			LEVEL 2 ○
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:** In this course, students explore and learn to express their own opinions on themes relevant to young people preparing for life beyond school.

**Assessment:** 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

**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 (A2)

13 CFR ●

**Entry Requirements:** Grade 'C' or above from AS French.

**Course Description:**

The course enable students to develop:

- the ability to communicate confidently and clearly in the target language
- a sound understanding of the nature of language and language study and of the skills and abilities required for further study, work and leisure
- insight into the culture and contemporary society of the countries where the language is spoken
- better integration into communities where the language is spoken
- skills which can be used in other areas of learning, such as analysis and memory skills.

**Assessment:**

Paper 1 Speaking Test	(20 minutes)	20%
Paper 2 Reading and Writing	(1 hour 45 minutes)	35%
Paper 3 Essay	(1 hour 30 minutes)	15%
Paper 4 Texts	(2 hours 30 minutes)	30%

**Leads to:** University study and increased employment possibilities.

## YEAR 13 FRENCH

13 FRE

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

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 French at tertiary level or increased employment possibilities.

## YEAR 10 JAPANESE

10 JAP

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

**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 completion of Year 10 Japanese, including the ability to read and write Japanese script.

CREDITS AVAILABLE			LEVEL 1 ○
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:** Through their studies students compare and contrast the lives of teenagers here in New Zealand and in Japan.

**Assessment:** Speaking and writing are assessed internally during the year. 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)

### 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:** 10 credits from NCEA Level 1 Japanese.

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.

**Assessment:** 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

13 JAP

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

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.

**Assessment:** 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 SAMOAN

10 SAO

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

**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, as well as an appreciation of Samoan culture and values, and a better understanding of the language structure.

## YEAR 11 SAMOAN

11 SAO

**Entry Requirements:** Satisfactory completion of the Samoan language programme in Year 10. 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	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	20

**Course Description:** Through their studies students compare and contrast the lives of teenagers here in New Zealand and in Samoa.

**Assessment:** Speaking and writing are assessed internally during the year. 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

### 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 SAMOAN

12 SAO

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

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 learning to express their own opinions on themes relevant to young people preparing for life beyond school.

**Assessment:** 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.

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.

**Assessment:** 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.

## YEAR 10 SPANISH

10 SPA

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

**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 a Spanish speaking country, as well as when meeting Spanish speaking people here in New Zealand.

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

Paper 1	Listening	(45 minutes)	25%
Paper 2	Reading	(1 hour)	25%
Paper 3	Speaking	(15 minutes)	25%
Paper 4	Writing	(1 hour)	25%

There is no coursework component in this course.

**Leads to:** 12 CSP

### 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 SPANISH

**11 SPA**

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

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

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

**Assessment:** Speaking and writing are assessed internally during the year. 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 (AS)

**12 CSP ●**

**Entry Requirements:** 14 credits from NCEA level 2 Spanish or C or above 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
- encourage positive attitudes to language learning and a sympathetic approach to other cultures and civilisations

**Assessment:**

Paper 1 Listening	(60 minutes)	25%
Paper 2 Reading	(1 hour 30 minutes)	25%
Paper 3 Writing	(1 hour 30 minutes)	25%
Paper 4 Speaking	(16 minutes)	25%

**This course leads to:** Higher Education courses and enriched employment opportunities. Also leads to A2 Spanish

## YEAR 12 SPANISH

**12 SPA**

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

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

**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.

**Assessment:** 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

## YEAR 13 SPANISH (A2)

**13 CSP ●**

**Entry Requirements:** Grade C or above from AS Spanish.

**Course Description:**

The course enables students to develop:

- the ability to communicate confidently and clearly in the target language
- a sound understanding of the nature of language and language study, and of the skills and abilities required for further study, work and leisure
- insight into the culture and contemporary society of countries where the language is spoken
- better integration into communities where the language is spoken
- positive attitudes towards language learning, towards the speakers of other languages, and towards other cultures and societies
- skills which can be used in other areas of learning, such as analysis and memory skills

**Assessment:**

Paper 1 Reading	(1 hour 30 minutes)	33%
Paper 2 Writing	(2 hours)	33%
Paper 3 Literature	(2 hours)	33%

**This course leads to:** University study and enriched employment possibilities.

### 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:** 10 credits from NCEA Level 2 Spanish.

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.

**Assessment:** 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 and increased employment possibilities.

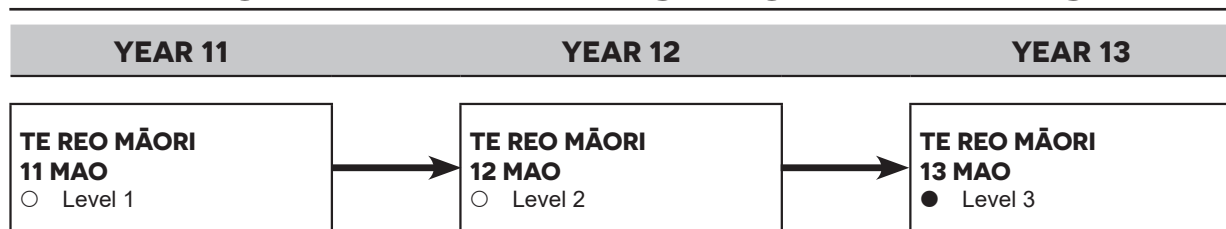
## MĀORI LANGUAGE LEARNING AREA

### Māori Department Pathways Chart

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COURSE	ENTRY REQUIREMENTS	PAGE
10 MAO Year 10 Te Reo Māori	Completion of the year 9 Te Reo Māori course.	51
11 MAO Year 11 NCEA Te Reo Māori	Satisfactory completion of the Year 10 Te Reo Māori programme.	52
12 MAO Year 12 NCEA Te Reo Māori	10 credits from Level 1 Te Reo Māori.	52
13 MAO Year 13 NCEA Te Reo Māori	14 credits from Level 2 Te Reo Māori.	52

## MĀORI DEPARTMENT SENIOR PATHWAYS



## YEAR 10 TE REO MĀORI

## 10 MAO

**Entry Requirements:** Successful completion of Year 9 Te Reo Māori.

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

**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 the culture and customs of the language whenever possible. The course will help prepare students for future events such as the pōwhiri, how to recite karakia, understanding common tikanga and more.

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

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

### 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 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	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	20

**Course Description:** 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 relating to teenage lives here in New Zealand.

**Assessment:** Kōrerorero and Te whakapuaki whakaaro (conversational Māori and communicating thoughts) are two internally assessed standards. Both are assessed after weeks of preparation. The standards are assessed in term 2 and 3. Each standard is assessed in six hour blocks. Students go over the tasks during the assessments, but are well prepared beforehand. There are two externally assessed standards at the end of the year. All standards give the opportunity to gain literacy credits.

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

## YEAR 12 TE REO MĀORI

**12 MAO**

**Entry Requirements:** 10 credits from Level 1 Te Reo Māori.

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

**Course Description:** In this course students learn to explore and express their own opinion and the opinions of others on themes relevant to young people preparing for life beyond school.

**Assessment:** Korero and Waihanga Tuhinga (speaking and writing) assessments are assessed internally during the year through the compilation of portfolios. Students input into the design of tasks is encouraged. Pānui and Tuhituhi (Reading and Essay writing) are assessed externally at the end of the year. You can gain literacy (reading and writing) credits from this subject in both internal and external writing standards and the external reading standard.

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

## YEAR 13 TE REO MĀORI

**13 MAO**

**Entry Requirements:** 14 credits from Level 2 Te Reo Māori.

CREDITS AVAILABLE			LEVEL 3	●			
Internal Achievement Standards	12	External Achievement Standards	12	Internal Unit Standards	0	Total Credits	24

**Course Description:** At this level, we explore in more depth the social issues facing young people today. Students will learn how to critically analyse the argument of others, justify their own ideas and opinions, and learn how to create critical responses to a wide range of texts.

**Assessment:** Korero and Waihanga Tuhinga (speaking and writing) assessments are assessed internally during the year through the compilation of portfolios. Students input into the design of tasks is encouraged. Pānui and Tuhituhi (Reading and Essay writing) are assessed externally at the end of the year. You can gain literacy, reading and writing, credits from this subject in both internal and external standards.

**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 10 MAT.	54
11 MAT Year 11 NCEA Level 1 Mathematics and Statistics	Majority Merit or Excellence grades from 10 MAT.	54
11 MTA Year 11 NCEA Level 1 Applied Mathematics and Statistics	Majority Yet to achieve grades from 10 MAT.	55
12 CMT Year 12 Cambridge AS Mathematics	B grade or higher in IGCSE Mathematics.	55
12 MAT Year 12 NCEA Level 2 Mathematics	10 AS credits from 11MAT including AS91945.	55
12 MAS Year 12 NCEA Level 2 Statistics	10 Achievement Standard credits from 11 MAT or 11 MTA.	55
12 MTC Year 12 NCEA Level 2 Core Mathematics and Statistics	5 Achievement Standard credits from 11 MAT or 11 MTA.	56
12 MAF Year 12 NCEA Level 2 Financial Mathematics	Below 5 achievement standard credits at Level 1.	56
13 MSS Year 13 Scholarship Mathematics and Statistics	Successful completion of either 13 CMT, 13 MAT or 13 MAS in Year 12, with A* or Excellence course endorsement.	56
13 CMT Year 13 Cambridge A2 Mathematics	D Grade or higher in AS Mathematics.	56
13 MAT Year 13 NCEA Level 3 Mathematics (UE Calculus)	14 Achievement Standard credits from 12 MAT, with good grades in Algebra and Calculus.	56
13 MAS Year 13 NCEA Level 3 (UE Statistics)	14 Achievement Standard credits from 12 MAT or 12 MAS, including the Statistics standard (for 12 MAS students)..	57
13 MTC Year 13 NCEA Level 3 Core Mathematics and Statistics (UE Mathematics)	14 Achievement Standard credits from NCEA Level 2 Mathematics or Statistics.	57
13 MAF Year 13 Financial Mathematics	14 Achievement Standard credits from NCEA Level 2 Mathematics or Financial literacy.	57

## YEAR 10 MATHEMATICS AND STATISTICS

## 10 MAT

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

**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 Statistics strands of the New Zealand Curriculum.

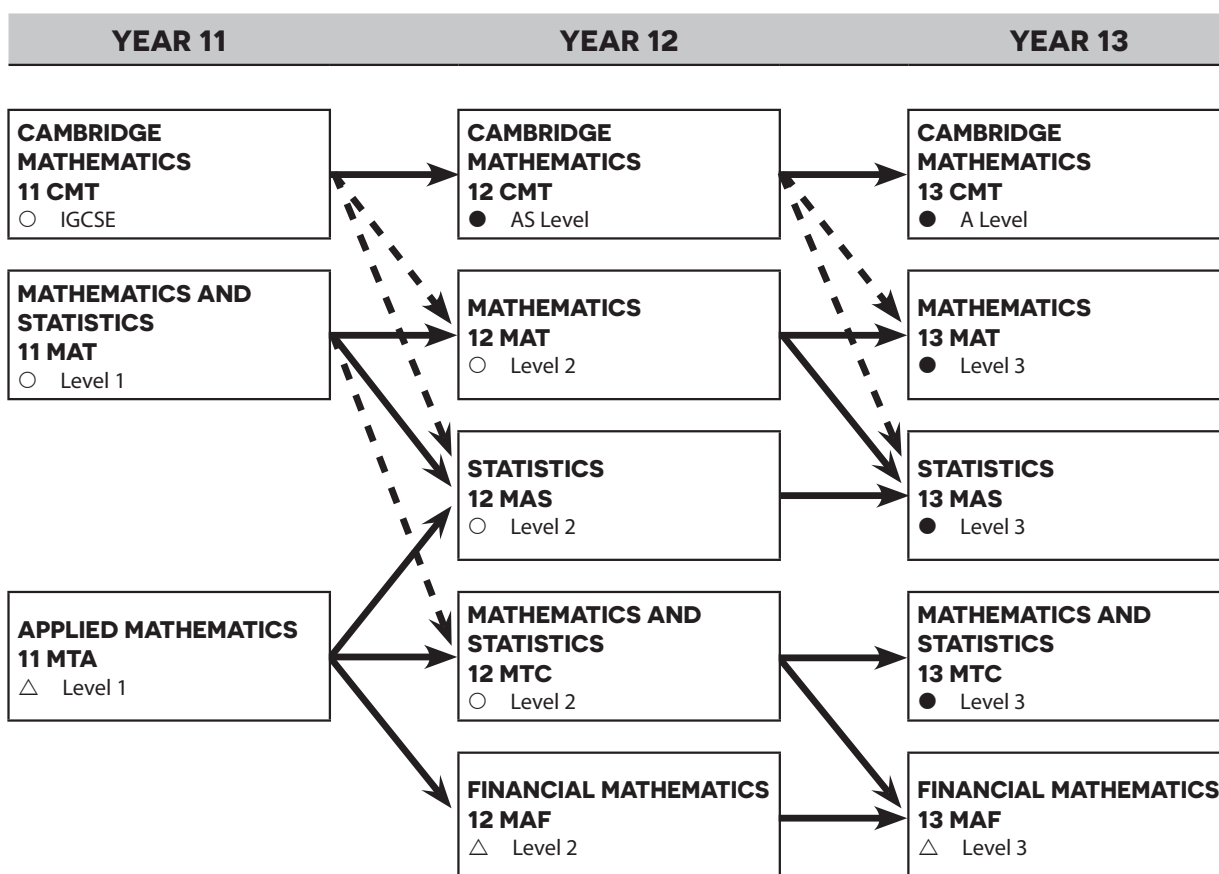
**Assessment:** Based on tests completed at the end of each major topic and a two hour examination at the end of the year.

**Leads to:** 11 CMT, 11 MAT, or 11 MTA

### 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 11 MATHEMATICS (IGCSE)

**11 CMT** ○

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

**Course Description:** The course covers topics in number, probability, graphs, measurement, statistic, calculus, 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	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	5	Internal Unit Standards	0	Total Credits	15

**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, 12 MAS, 12MTC

### 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 APPLIED MATHEMATICS AND STATISTICS 11 MTA

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

CREDITS AVAILABLE			LEVEL 1 
Internal Achievement Standards <b>10</b>	External Achievement Standards <b>5</b>	Internal Unit Standards <b>0</b>	<b>Total Credits 15</b>

**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 and statistics.

**Leads to:** 12 MAF or 12MTC

## 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 CAMBRIDGE MATHEMATICS (AS) 12 CMT ●

**Entry Requirements:** B grade or higher in IGCSE Mathematics.


**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. In Statistics the 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 MAT or 13 MAS

## YEAR 12 MATHEMATICS 12 MAT

**Entry Requirements:** 10 AS credits from 11MAT including AS91945.


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

**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:** 10 Achievement Standard credits from 11MAT or 11MTA.

CREDITS AVAILABLE			LEVEL 2 
Internal Achievement Standards <b>15</b>	External Achievement Standards <b>4</b>	Internal Unit Standards <b>0</b>	<b>Total Credits 19</b>

**Course Description:** The course covers topics in experiments, statistical inference, probability and simulation, statistical literacy, and questionnaire design.

**Leads to:** 13 MAS

### 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 CORE MATHEMATICS AND STATISTICS 12 MTC

**Entry Requirements:** 5 Achievement Standard credits from 11 MAT or 11 MTA.

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 or 13 MAF

# YEAR 12 FINANCIAL MATHEMATICS 12 MAF

**Entry Requirements:** Below 5 achievement standard credits at Level 1.

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 9 of the credits available for this course are from mathematics 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 CAMBRIDGE MATHEMATICS (A2) 13 CMT

**Entry Requirements:** D Grade or higher in AS Mathematics.

**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. In statistics the 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 Achievement Standard credits from 12 MAT or 12 MAS, including the Statistics standard (for 12 MAS students).

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 Achievement Standard credits from NCEA Level 2 Mathematics or Statistics.

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 Achievement Standard credits from NCEA Level 2 Mathematics or Financial literacy.

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.

### 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.

# HEALTH & PHYSICAL EDUCATION LEARNING AREA

## Health and Physical Education Department Pathways Chart

Page 59

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	Satisfactory completion of 9SPC	59
11 HLT Year 11 NCEA Health Education	Satisfactory completion of the Year 10 Health Programme as determined by the Director, or TIC of Health	60
11 CPE Year 11 Cambridge IGCSE Physical Education	Satisfactory completion of the Year 10 Health and Physical Education Programme. Merit or Excellence achievement in the Year 10 NCEA assessment is expected	60
11 PED Year 11 NCEA Physical Education	Satisfactory completion of the Year 10 Physical Education Programme as determined by the Director	60
12 HLT Year 12 NCEA Health Education	Satisfactory completion of the Year 11 Health Programme as determined by the Director, or TIC of Health. Must have also gained 14 or more credits in English.	61
12 PED Year 12 NCEA Physical Education	10 credits gained in 11 PED	61
12OED Year 12 Outdoor Education	Entry into this course is determined by the Directors of Outdoor Education and Physical Education, and requires a reasonable level of fitness.	62
12 SPL Year 12 NCEA Sports Leadership	Entry into this course is determined by the Director	62
13 HLT Year 13 NCEA Health Education	Satisfactory completion of the Year 12 Health Programme as determined by the Director, or TIC of Health or gained a minimum of 14 credits in English	62
13 PED Year 13 NCEA Physical Education	14 credits in Level 2 Physical Education including credits in AS 2.2	63
13 OED Year 13 Outdoor Education	Satisfactory completion of the Year 12 Outdoor Education programme or as determined by the Directors of Outdoor Education and Physical Education, and requires a reasonable level of fitness	64
13 SPL Year 13 NCEA Sports Leadership	Satisfactory completion of the Year 12 Sports Leadership or 12PED.	64

## YEAR 10 HEALTH AND PHYSICAL EDUCATION

## 10 HPE

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

**Course Description:** Course Description: The Year 10 Physical Education and Health Education course aims to build upon the knowledge and skills acquired in Year 9. The course is divided into two main components: Physical Education and Health Education.

In the Physical Education component, students will further develop their understanding and proficiency in various areas. The topics covered include: Social responsibility, interpersonal skills, fitness, movement skills, hauora and movement, non-traditional games, basic anatomy and biomechanical principles. All students are expected to actively participate in both practical and theoretical components of the Year 10 Physical Education program.

In the Health Education component, students will delve into relevant and current health issues in Aotearoa (New Zealand). The topics covered include: Mental Health, Sexuality Education, Nutrition, Decision Making, Drug Education. Throughout the Health Education component, students will have opportunities to discuss, reflect, and engage in activities that promote understanding and awareness of these important health issues.

**Assessment:** Practical skills development, collection of information (verbal and written aspects), social and personal development.

**Leads to:** 11PED, 11HLT or 11CPE

### 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 SPORT ACADEMY

10 SPC

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

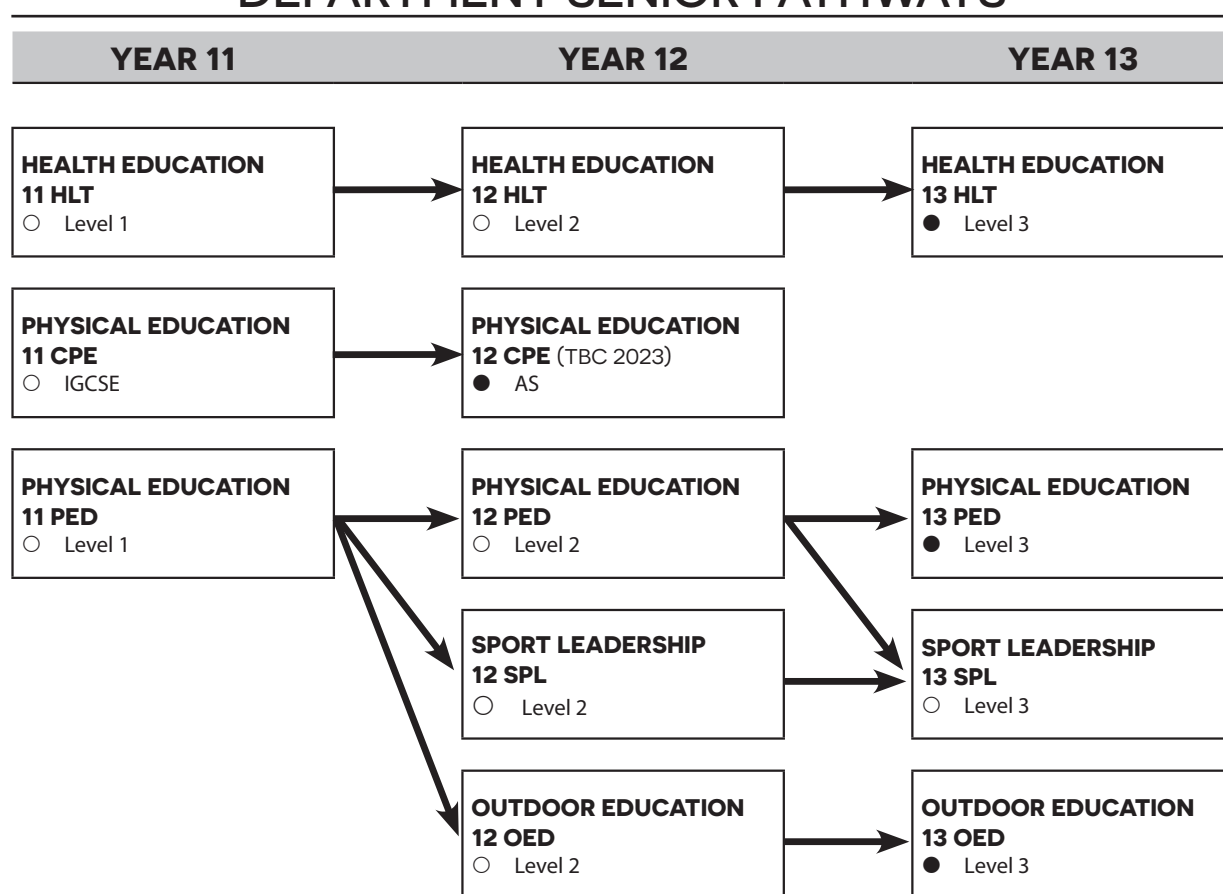
CREDITS AVAILABLE			LEVEL 1
Internal Achievement Standards	0	External Achievement Standards	0
		Internal Unit Standards	3
			<b>Total Credits</b> 3

**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

## HEALTH AND PHYSICAL EDUCATION 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 11 HEALTH EDUCATION

11 HLT

**Entry Requirements:** Satisfactory completion of the Year 10 Health Programme as determined by the Director, or TIC of Health.

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

**Course Description:** This course is about engaging in three Key Areas of Learning - Food and Nutrition, Mental Health, and Relationships and Sexuality in relation to hauora, and the health and wellbeing of individuals, whānau, and communities. By engaging in this subject, ākonga develop further understanding of Aotearoa New Zealand as a bicultural nation, with diverse viewpoints on hauora, health, and wellbeing. They can learn about how actions can enhance hauora, and explore ways to manage change situations that impact health and wellbeing. They learn that hauora is more than a matter of personal choice and individual responsibility.

**Leads to:** 12 HLT

# YEAR 11 PHYSICAL EDUCATION (IGCSE)

11 CPE ○

**Entry Requirements:** Satisfactory completion of the Year 10 Health and Physical Education Programme. Merit or Excellence achievement in the Year 10 NCEA assessment is expected.

**Course Description:** The syllabus provides candidates with an opportunity to study both the practical and theoretical aspects of Physical Education. It is designed to foster enjoyment in physical activity by providing students with an opportunity to take part in a range of physical activities.

**Course Outline:** Candidates will study all of the following topics:

- Anatomy and physiology
- Health, fitness and training
- Skill acquisition and psychology
- Social, cultural and ethical influences

Candidates will also undertake four different physical activities chosen from a list of categories. These physical activities make a significant contribution to syllabus aims and objectives, serving as a source of material to facilitate learning.

**Assessment:** All candidates will take two compulsory components:

Component 1: Theory (1 hour 45 minutes). Externally assessed. 50%

Component 2: Candidates undertake four physical activities from at least two of the seven categories. Internally assessed / externally moderated 50%

**Leads to:** 12CPE

# YEAR 11 PHYSICAL EDUCATION

11 PED

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

CREDITS AVAILABLE			Level 1
Internal Achievement Standards	10	External Achievement Standards	5
		Internal Unit Standards	0
			<b>Total Credits</b>
			<b>15</b>

**Course Description:** Level 1 Physical Education is designed for students who are interested 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. Study at this level involves:

- Applying biophysical knowledge (anatomy, biomechanics and sociocultural factors) to an applied context
- Apply movement strategies in an applied setting
- Explore the concept of kotahitanga and applying strategies in a variety of contexts
- Taking part in a variety of physical activities and explaining how hauora was influenced

**Leads to:** 12PED, 12SPL or 12OED

## 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 HEALTH EDUCATION

12 HLT

**Entry Requirements:** Satisfactory completion of the Year 11 Health Programme as determined by the Director, or TIC of Health. Must have also gained 14 or more credits in English.

CREDITS AVAILABLE						LEVEL 2	<input type="radio"/>		
Internal Achievement Standards		15	External Achievement Standards		5	Internal Unit Standards	0	Total Credits	20

**Course Description:** The course aims to provide students with an understanding of current issues prevalent in today's society, focusing on the factors that can either contribute to or protect against challenges faced by adolescents. Students will explore various topics related to adolescent issues and develop strategies to maintain their well-being. The course is designed to encourage critical thinking, analysis, and the application of knowledge in real-life scenarios.

**Leads to:** 13 HLT

# YEAR 12 PHYSICAL EDUCATION

12 PED

**Entry Requirements:** 10 credits gained in 11 PED.

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

**Course Description:** The year 12 Physical Education course is for students with a passion for physical activity and sport. This course explores a variety of practical and theoretical topics. Students will develop an understanding of:

- Biophysical principles to learn skills
- Performance improvement
- Social responsibility
- Leadership of a group
- Implementing a physical activity event

This 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, 13SPL

# YEAR 12 OUTDOOR EDUCATION

12 OED

**Entry Requirements:** Entry into this course is determined by the Directors of Outdoor Education and Physical Education, and requires a reasonable level of fitness.

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

**Course Description:** This course 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.

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 learning how to keep yourself safe and experiencing the great outdoors of Aotearoa.

All trips are designed to focus on students NCEA Assessments, students cannot take PE and OED at the same time.

**Leads to:** 13OED

## 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 SPORT LEADERSHIP

12 SPL

**Entry Requirements:** Entry into this course is determined by the Director.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>			
Internal Achievement Standards	7	External Achievement Standards	0	Internal Unit Standards	15	Total Credits	22

**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. The number of credits is subject to change at the direction of the outside provider.

Students will learn about:

- Social Responsibility
- Performance improvement
- How personal contribution influences group functioning in an outdoor activity
- Nutrition
- Coaching

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

**Leads to:** 13SPL

# YEAR 13 HEALTH EDUCATION

13 HLT

**Entry Requirements:** Satisfactory completion of the Year 12 Health Programme as determined by the Director, or TIC of Health or gained a minimum of 14 credits in English.

CREDITS AVAILABLE				LEVEL 3	●		
Internal Achievement Standards	14	External Achievement Standards	5	Internal Unit Standards	0	Total Credits	19

**Course Description:** This course will appeal to students who are interested in learning about current issues in today's society. These include traditional and cultural health practices, analysing an ethical issue, analysing a NZ and international health issue. This is a highly academic course and requires sound literacy levels.

**Leads to:** University Degree Programme.

# YEAR 13 PHYSICAL EDUCATION

13 PED

**Entry Requirements:** 14 credits in a Level 2 Physical Education including credits in AS 2.2.

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

**Course Description:** The Level 3 Physical Education course builds on the skills, knowledge and concepts taught at Level 2. While it is not essential, it is beneficial to have had previous experience at this level. A balance of both practical and theoretical work is required.

Students will also develop a greater understanding of the sociology of sport, developing the socio-cultural knowledge necessary to critically evaluate their own, others' and societal involvement in physical activity. Critical thinking, understanding research and reaching coherent judgements are some of the fundamental skills acquired in this course. This is an academic course and there are many written components.

Students will learn about:

- Evaluating a training programme
- Leadership styles
- Physical activity experiences past, present and future
- Planning for physical activity outcomes
- Performance Improvement

The course has five achievement standards. One of the achievement standards is a performance based standard.

**Leads to:** University and tertiary sports, physical education, and teaching degrees and courses. This course will also be helpful for related course such as medicine, physiotherapy, nursing science, nutritional science, armed services and the police force.

## 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 OUTDOOR EDUCATION

# 13 OED

**Entry Requirements:** Satisfactory completion of the Year 12 Outdoor Education programme or as determined by the Directors of Outdoor Education and Physical Education, and requires a reasonable level of fitness.

CREDITS AVAILABLE			LEVEL 3	●			
Internal Achievement Standards	23	External Achievement Standards	0	Internal Unit Standards	0	Total Credits	23

**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 course is consolidation of the skills from Year 12 Outdoor Education and embedding our outdoor practices into safety and leadership in the great outdoors.

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.

13OED is University Approved as it uses 23 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 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 the Year 12 Sports Leadership or 12PED.

CREDITS AVAILABLE				LEVEL 3	<input type="radio"/>		
Internal Achievement Standards	4	External Achievement Standards	0	Internal Unit Standards	23	Total Credits	27

**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. The number of credits is subject to change at the direction of the outside provider

Students will learn about:

- Leadership in sports/physical activity
- Planning and running coaching sessions.
- Planning and running an event for the junior school.
- Performance improvement

This course has one achievement standard, which is a performance-based standard. There are 4 unit standards which all have practical and theoretical elements that are assessed.

**Leads to:** Unitec degree, coaching.

## 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.





# SCIENCE LEARNING AREA

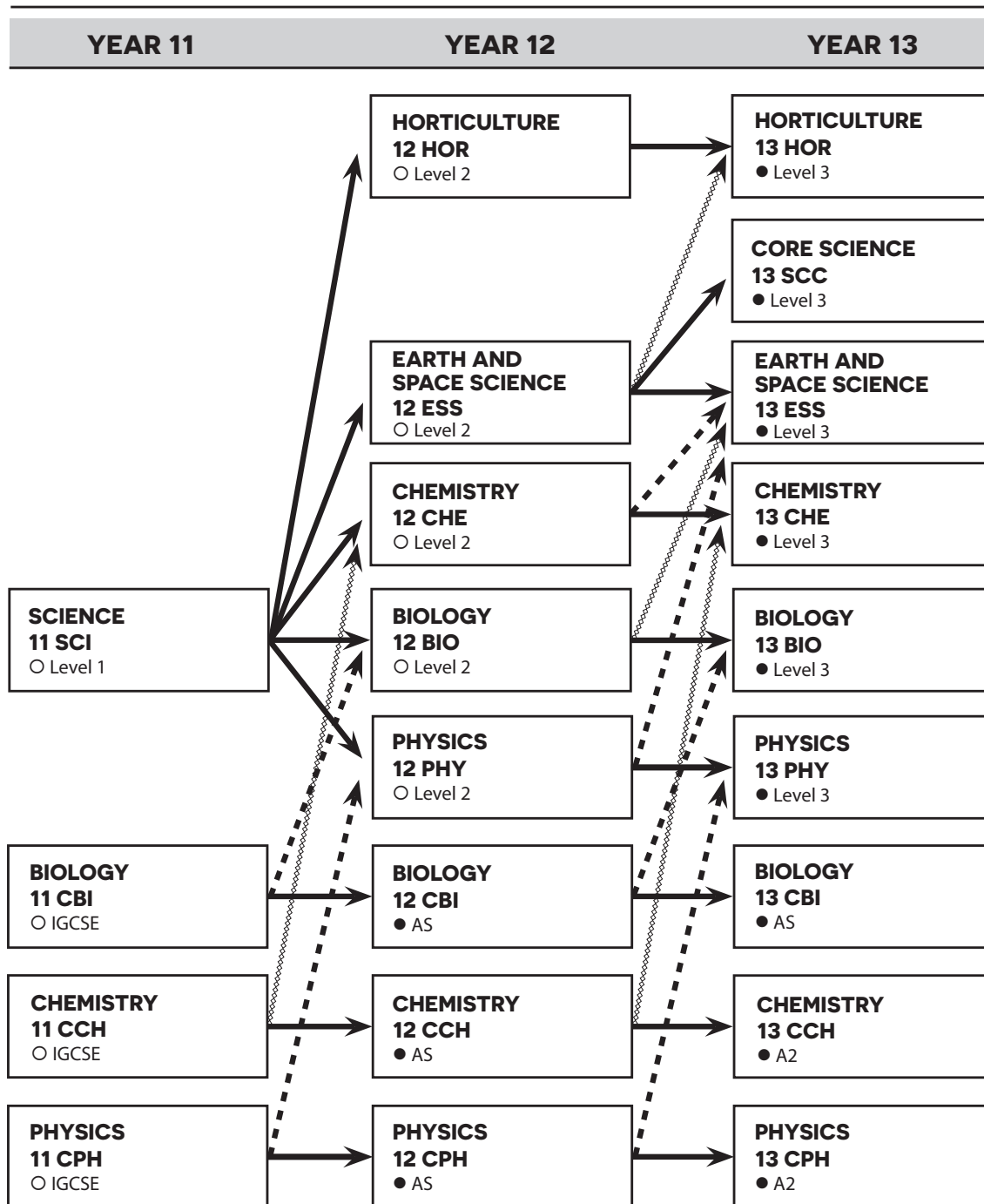
COURSE		ENTRY REQUIREMENTS	PAGE
10 SCI	Year 10 Science	Compulsory subject for all Year 10 students, which includes 4 Level 1 credits.	67
11 CBI	Year 11 Cambridge IGCSE Biology	Satisfactory completion of the Year 10 Science course with 'M6' grades on average in Year 10	68
12 CBI	Year 12 Cambridge AS Biology	IGCSE grade 'C' or higher in a suitable subject is recommended.	68
13 CBI	Year 13 Cambridge A2 Biology	AS Grade 'D' or above in Biology is recommended.	68
11 CCH	Year 11 Cambridge IGCSE Chemistry	Satisfactory completion of the Year 10 Science course with 'M6' grade on average.	69
12 CCH	Year 12 Cambridge AS Chemistry	IGCSE grade 'C' or higher in a suitable subject is recommended.	69
13 CCH	Year 13 Cambridge A2 Chemistry	AS Grade 'D' or above in Chemistry is recommended.	69
11 CPH	Year 11 Cambridge IGCSE Physics	Satisfactory completion of the Year 10 Science course with 'M6' grades on average.	70
12 CPH	Year 12 Cambridge AS Physics	IGCSE grade 'B' or higher in a suitable subject is recommended.	70
13 CPH	Year 13 Cambridge A2 Physics	AS Grade 'C' or above in Physics is recommended.	70
11 SCI	Year 11 NCEA Science	Successful completion of the Year 10 Science course, with achievement shown across the majority of topics in Year 10 Science.	71
12 HOR	Year 12/13 NCEA Horticultural Science	5 credits from Level 1 Science or achievement in Chemistry.	71
13 HOR	Year 13 NCEA Horticultural Science	10 credits from Level 2 Horticultural Science or equivalent in Science. (This course <b>cannot</b> be taken with Level 3 Core Science 13 SCC)	71
12 ESS	Year 12 NCEA Earth and Space Science	Minimum of 10 Level 1 Science credits. (This course <b>cannot</b> be taken with Level 2 Chemistry 12 CHE)	71
13 ESS	Year 13 NCEA Earth and Space Science	Minimum of 14 credits from Level 2 Earth and Space Science, with 4 from Level 2 Science externals.	72
12 BIO	Year 12 NCEA Biology	10 credits from Level 1 Science, including AS92022	72
13 BIO	Year 13 NCEA Biology	8 credits from Level 2 Biology Externals and at least 1 Internal pass.	72
12 CHE	Year 12 NCEA Chemistry	5 credits from Level 1 Science and a merit or better in Chemistry section. (This course <b>cannot</b> be taken with Level 2 Earth and Space Science 12 ESS)	72
13 CHE	Year 13 NCEA Chemistry	11 credits from Level 2 Chemistry including a minimum of two from Chemistry 2.4, 2.5 or 2.7.	73
12 PHY	Year 12 NCEA Physics	10 credits from Level 1 Science, including AS92047	73
13 PHY	Year 13 NCEA Physics	Minimum of 15 credits from Level 2 Physics with Achieved grades in both Physics 2.4 (AS91171 Mechanics) and 2.6 (AS91173 Electricity and Magnetism).	73
13 SCC	Year 13 NCEA Core Science	Minimum of 14 Level 2 Science credits from any Science subject. (This course <b>cannot</b> be taken with Level 3 Horticultural Science 13 HOR)	73

## 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.



# SCIENCE DEPARTMENT SENIOR PATHWAYS



## YEAR 10 SCIENCE

## 10 SCI

**Entry Requirements:** Compulsory subject for all Year 10 students, which includes 4 Level 1 credits.

**Course Description:** Topics are arranged to fit the science curriculum at level 5 and prepare students for the Level 1 standards in 2023 – Kaitiakitanga (Guardianship) and Hangarau (Technology)

**Assessment:** will be a combination different types of assignment and an end-of-year exam. Assessment is an integral part of the teaching programme.

**Leads to:** 11 SCI, 11 CBI, 11 CCH, 11 CPH

### 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 BIOLOGY (IGCSE)

11 CBI ○

**Entry Requirements:** Satisfactory completion of the Year 10 Science course with 'M6' grades on average 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:** Biological Organisation, Intracellular Processes, Nutrition and Transport, Disease and Homeostasis, Reproduction and Inheritance, and Human Impact.

**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 higher in a suitable subject is recommended.

**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 or NCEA Level 3 Biology

## YEAR 13 BIOLOGY (A2)

13 CBI ●

**Entry Requirements:** AS Grade 'D' or above in Biology is recommended.

**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 eight topics.

- 1) Energy and Respiration
- 2) Photosynthesis
- 3) Homeostasis
- 4) Coordination and Control
- 5) Inherited Change
- 6) Selection and Evolution
- 7) Biodiversity, Classification and Conservation
- 8) Genetic Technology

**Assessment:** A level candidates will be assessed in two external examination papers.

**Leads to:** Tertiary courses

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### 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 CHEMISTRY (IGCSE)

11 CCH ○

**Entry Requirements:** Satisfactory completion of the Year 10 Science course with 'M6' grade on average.

**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)
- 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.

**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.

- Knowledge with understanding (40%)
- Handling information and solving problems (40%)
- Experimental skills and investigation (20%)

**Leads to:** A Level Chemistry or NCEA Level 3 Chemistry.

## YEAR 13 CHEMISTRY (A2)

13 CCH ●

**Entry Requirements:** AS Grade 'D' or above in Chemistry is recommended.

**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:**

- Knowledge with understanding (40%)
- Handling information and solving problems (40%)
- Experimental skills and investigation (20%)

Students are assessed with two external examination papers.

**Leads to:** Tertiary courses.

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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 PHYSICS (IGCSE)

11 CPH ○

**Entry Requirements:** Satisfactory completion of the Year 10 Science course with 'M6' grades on average.

**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.

**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:

- a) Multichoice questions (31% of AS Level)
- b) Structured questions (46% of AS Level)
- c) Advanced Practical skills (23% of AS Level)

**Leads to:** A Level Physics or NCEA Level 3 Physics.

## YEAR 13 PHYSICS (A2)

13 CPH ●

**Entry Requirements:** Entry Requirements AS Grade 'C' or above in Physics is recommended.

**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, Cosmology, Gathering and Communicating Information

**Assessment:** Two external examination papers.

- a) Structured questions (38.5% of A Level)
- b) Planning, analysis and evaluation (11.5% of A Level)

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### 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:** Successful completion of the Year 10 Science course, with achievement shown across the majority of topics in Year 10 Science.

CREDITS AVAILABLE			LEVEL 1
Internal Achievement Standards	11	External Achievement Standards	10
		Internal Unit Standards	0
			<b>Total Credits</b>
			<b>21</b>

**Course Description:** This course covers a wide range of areas of Science. There is a standard from Biology, Physics, Chemistry and Earth and Space Science. It also develops many of the skills needed for Horticulture. That means it opens up possible entry to any of our NCEA courses at Level 2.

**Leads to:** 12 BIO, 12 CHE, 12 ESS, 12 HOR, 12 PHY

## YEAR 12 HORTICULTURAL SCIENCE

**12 HOR**

**Entry Requirements:** 5 credits from Level 1 Science or achievement in Chemistry.

CREDITS AVAILABLE			LEVEL 2
Internal Achievement Standards	4	External Achievement Standards	0
		Internal Unit Standards	11
			<b>Total Credits</b>
			<b>15</b>

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

**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 from Level 2 Horticultural Science or equivalent in Science. (This course **cannot** be taken with Level 3 Core Science 13 SCC)

CREDITS AVAILABLE			LEVEL 3
Internal Achievement Standards	10	External Achievement Standards	4
		Internal Unit Standards	9
			<b>Total Credits</b>
			<b>23</b>

**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. The external is optional, but would be required for University Entry.

**Leads to:** Tertiary courses.

## YEAR 12 EARTH AND SPACE SCIENCE

**12 ESS**

**Entry Requirements:** This course will be recommended to students who have gained a minimum of 10 Level 1 Science credits (This course **cannot** be taken with Level 2 Chemistry 12CHE)

CREDITS AVAILABLE			LEVEL 2
Internal Achievement Standards	15	External Achievement Standards	4
		Internal Unit Standards	0
			<b>Total Credits</b>
			<b>19</b>

**Course Description:** This course is taught through five standards, from Chemistry and Earth and Space Science. Students will build on their practical investigation skills while learning about geological processes, extreme environments, and the causes of volcanic eruptions and tsunamis.

**Leads to:** 13 ESS, 13 SCC, 13HOR

### 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 EARTH AND SPACE SCIENCE

**13 ESS**

**Entry Requirements:** Minimum of 14 credits from Level 2 Earth and Space Science, with 4 from Level 2 Science externals.

CREDITS AVAILABLE			LEVEL 3
Internal Achievement Standards <b>12</b>	External Achievement Standards <b>8</b>	Internal Unit Standards <b>0</b>	<b>Total Credits 20</b>

**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. Topics range from geological dating, oceanic and atmospheric processes, and aspects of Astronomy.

**Leads to:** Tertiary courses.

# YEAR 12 BIOLOGY

**12 BIO**

**Entry Requirements:** Minimum of 10 credits from Level 1 Science, which **must** include AS92022.

CREDITS AVAILABLE			LEVEL 2
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:** This course is taught through six standards; covering a wide range of topics in Biology: Ecology, Animal structure and function, Microscopy, Cell structure and processes, Genetics and analyzing the Biological Validity of information.

**Leads to:** 13 BIO, 13 ESS, 13SCC

# 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 <b>9</b>	External Achievement Standards <b>13</b>	Internal Unit Standards <b>0</b>	<b>Total Credits 22</b>

**Course Description:** The course is based on evolutionary processes and plant/animal behaviour and how these areas of Biology are interconnected. There is also internally assessed research units where students find out about and discuss developments in gene technologies, socioscientific issues and homeostatic systems.

**Leads to:** Tertiary courses.

# YEAR 12 CHEMISTRY

**12 CHE**

**Entry Requirements:** 5 credits from Level 1 Science **and** a merit or better in Chemistry section. (This course **cannot** be taken with Level 2 Earth and Space Science *12 ESS*)

CREDITS AVAILABLE			LEVEL 2
Internal Achievement Standards <b>10</b>	External Achievement Standards <b>9</b>	Internal Unit Standards <b>0</b>	<b>Total Credits 19</b>

**Course Description:** The course covers a range of different chemistry topics: Structure and Bonding and Organic chemistry. Reactivity and Equilibrium principles.

**Assessment:** There are two practically assessed internals - Quantitative and Qualitative Analysis and an internally assessed REDOX standard.

**Leads to:** 13 CHE, 13 ESS, 13SCC

## 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 CHEMISTRY

**13 CHE**

**Entry Requirements:** 11 credits from Level 2 Chemistry including a minimum of two from Chemistry 2.4, 2.5 or 2.7.

CREDITS AVAILABLE			LEVEL 3	●			
Internal Achievement Standards	9	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	19

**Course Description:** This course covers externally assessed standards; organic, structure and thermochemistry. There are also three internally assessed standards: REDOX, chemical processes and spectroscopic data analysis.

**Leads to:** Tertiary courses.

## YEAR 12 PHYSICS

**12 PHY**

**Entry Requirements:** 10 credits from Level 1 Science, which **must** include AS92047.

CREDITS AVAILABLE					LEVEL 2 AND 3	<input type="radio"/>
Internal Achievement Standards	10	External Achievement Standards	12	Internal Unit Standards	0	Total Credits 22

**Course Description:** The course studies four main areas: experimental techniques, mechanics, electromagnetism, and nuclear physics.

**Leads to:** 13 PHY, 13 ESS, 13SCC

## YEAR 13 PHYSICS

**13 PHY**

**Entry Requirements:** Minimum of 15 credits from Level 2 Physics with Achieved grades in both Physics 2.4 (AS91171 Mechanics) and 2.6 (AS91173 Electricity and Magnetism).

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	7	External Achievement Standards	16	Internal Unit Standards	0	Total Credits	23

**Route Description:** The course studies: experimental analysis, 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	13	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	23

**Route Description:** The course studies: experimental analysis, mechanics, atomic and nuclear physics, and wave systems.

**Leads to:** Tertiary courses.

## YEAR 13 CORE SCIENCE

**13 SCC**

**Entry Requirements:** Minimum of 12 credits from Level 2 Sciences. (This course **cannot** be taken with Level 3 Horticultural Science 13HOR)

CREDITS AVAILABLE						LEVEL 3	●			
Internal Achievement Standards		14	External Achievement Standards		0	Internal Unit Standards		7	Total Credits	21

**Course Description:** The course is taught through 5 standards, from Earth and Space Science, and Environmental Sustainability. 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.

### 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.

# SOCIAL SCIENCE LEARNING AREA

## Social Science Department Pathways Chart

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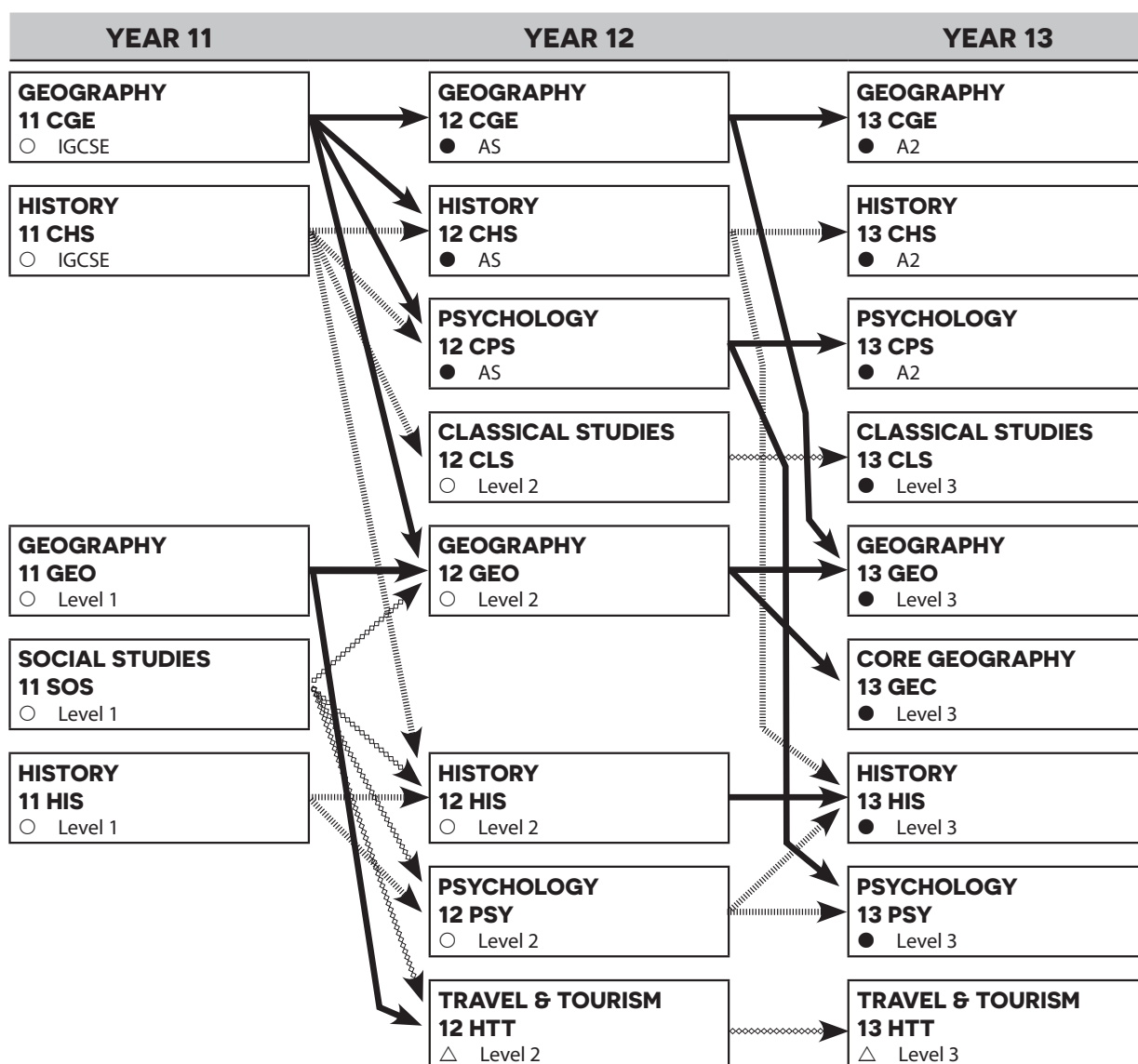
COURSE	ENTRY REQUIREMENTS	PAGE
10 SOS Year 10 Social Science	Compulsory subject for all Year 10 students.	75
11 CGE Year 11 Cambridge IGCSE Geography	Merit or higher in Year 10 Social Science is recommended.	76
12 CGE Year 12 Cambridge AS Geography	IGCSE Grade 'C' or above in Geography or other suitable subject.	76
13 CGE Year 13 Cambridge A2 Geography	AS Grade 'D' or above in Geography. You must have completed AS Geography to be able to take this course.	76
11 CHS Year 11 Cambridge IGCSE History	Merit or higher in Year 10 Social Science is recommended.	76
12 CHS Year 12 Cambridge AS History	IGCSE Grade 'C' or above in History or other suitable subject.	77
13 CHS Year 13 Cambridge A2 History	AS Grade 'D' or above in History is recommended.	77
12 CPS Year 12 Cambridge AS Psychology	IGCSE Grade 'C' or above in a suitable subject is recommended.	77
13 CPS Year 13 Cambridge A2 Psychology	AS Grade 'D' or above in Psychology is recommended.	78
12 CLS Year 12 NCEA Classical Studies	10 credits from a Level 1 Social Science course, or English.	78
13 CLS Year 13 NCEA Classical Studies	14 credits from Level 2 Classical Studies, English, History, Geography or Psychology.	78
13 GEC Year 13 NCEA Core Geography	10 credits from one of Level 2 Geography, English, History or Classical Studies.	79
11 GEO Year 11 NCEA Geography	Satisfactory completion of the Year 10 Social Science Programme.	79
12 GEO Year 12 NCEA Geography	10 credits in a Level 1 Social Science, Science course, or English ( <b>must</b> include AS91927 if English).	79
13 GEO Year 13 NCEA Geography	16 credits from one of Level 2 Geography, Classical Studies, English or History.	80
11 HIS Year 11 NCEA History	Satisfactory completion of the Year 10 Social Science.	80
12 HIS Year 12 NCEA History	10 credits from a Level 1 Social Science course, or English.	80
13 HIS Year 13 NCEA History	14 credits from Level 2 History, Classical Studies, English or Geography.	81
12 PSY Year 12 NCEA Psychology	10 credits from a Level 1 Social Science course, or English.	81
13 PSY Year 13 NCEA Psychology	14 credits from Level 2 Psychology, or 80 credits from NCEA Level 2.	81
11 SOS Year 11 Social Studies	Satisfactory completion of the Year 10 Social Science.	81
12 HTT Year 12 NCEA Travel & Tourism	Level 1 Literacy is recommended.	82
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 NZ Certificate).	82

### 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.

**Course Description: Topics to include:**

- Impacts of past events on people
- NZ government and society
- Sustainability and global change

**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, Social Studies or Economics. Classical Studies, Art History 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:** Merit or higher in Year 10 Social Science is recommended.

**Course Description:** Geography is a subject that considers 'The Big Picture', how the natural environment, people and economies are inter-connected. 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 or other suitable subject.

**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:** Merit or higher in Year 10 Social Science is recommended.

**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.

### 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 Outline:

#### 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. Nazi Germany
2. Russian Revolution

**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:** IGCSE Grade 'C' or above in History or other suitable subject.

**Component 1 (Document Question):** The Origins of the Civil War 1820-61

**Component 2 (Outline Study):** The History of the USA, 1820-1941

Theme 1 - The US Civil War and Reconstruction, 1861-1877

Theme 2 - The Gilded Age and Progressive Era, 1870s to 1920

Theme 3 - The Great Crash, the Great Depression and the New Deal policies, 1920-41

**Assessment:** All candidates are entered into 2 examination papers:

**Component 1** - 40%

**Component 2** - 60%

**Leads to:** 13CHS, 13 Cambridge Classics, 13HIS, 13CLS

## YEAR 13 HISTORY (A2)

13 CHS ●

**Entry Requirements:** Pass AS history with at least a Grade 'D'.

This course completes the History A Level and will include two components.

**Component 3 (Interpretations Question):** The origins of the First World War.

Candidates study content relating to the origin of the First World War between 1890-1914 and differing interpretations that historians have produced, with particular focus on the over-arching key question, 'Who was to blame for the First World War?'

**Component 4 (Depth Study):** is a depth study on Europe of the Dictators, 1918 - 1941.

Three Topics are covered in this part of the course:

Mussolini's Italy, 1919-1941

Stalin's Russia, 1924-1941

Britain, 1919-1939

**Assessment:** All candidates entered into 2 examination papers

**Component 3** - 40%

**Component 4** - 60%

**Leads to:** Stage 1 History in University, and also tertiary programmes where research, evidence weighting (source analysis and communication are important skills. Many tertiary courses such as Medicine, Law, Journalism, and Architecture recommend History.

## YEAR 12 PSYCHOLOGY (AS)

12 CPS ●

**Entry Requirements:** IGCSE Grade 'C' or above in a suitable subject is recommended.

**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 four core areas of Psychology. The studies are arranged under the headings of:

### 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.

Cognitive Psychology  
 Social Psychology  
 Biological Psychology  
 Developmental Psychology

**Assessment:** The examination will include 2 papers:

**Leads to:** A Level Psychology or NCEA Level 3 Psychology

## YEAR 13 PSYCHOLOGY (A2)

**13 CPS ●**

**Entry Requirements:** AS Grade 'D' or above in Psychology is recommended.

**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 health promotion.

**Assessment:** The end of year examination will consist of questions on the two topics. There are two examinations

**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:** 10 credits from a Level 1 Social Science course, or English.

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

Units are studied from this range of topics:

- Ancient Literature
- Social and Political Life
- Art and Architecture

**Assessment:** Three 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, Geography or Psychology.

CREDITS AVAILABLE			LEVEL 3 ●
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. It is highly recommended that students have demonstrated success in an external assessment in one of the subjects listed in the entry requirements to consider this course.

The areas studied are History, Literature, and Art History.

Units are studied from this range of topics:

- Art and Architecture
- Significant Historic Figures
- Ideologies of the classical world
- The relationship between aspects of the classical world and other cultures

**Assessment:** Two topics are externally assessed and two topics are internally assessed.

**Leads to:** Entry into a wide range of tertiary options where analysis, summary and communication skills are valued.

### 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 CORE GEOGRAPHY

**13 GEC**

**Entry Requirements:** 10 credits from one of Level 2 Geography, English, History, Classical Studies.

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

**Course Description:** This course offers students the opportunity to study Geography based on internal standards only. Geography is relevant to everyone and draws on many subjects. It is about the interaction of people and places, and examines current issues and varying perspectives. Geographic skills involving mapping, graphing, and photo analysis are important aspects of this course; skills that are relevant to a range of subjects and valued in the workplace.

Topics in the course include:

- Natural processes
- Event planning
- Geographic Research
- Contemporary Geographic Issues
- Global Geography
- Tourism

Fieldwork as part of research, as well as the opportunity to visit Rotorua, are part of this course.

**Leads to:** a variety of tertiary studies

# YEAR 11 GEOGRAPHY

**11 GEO**

**Entry Requirements:** Satisfactory completion of the Year 10 Social Science Programme.

CREDITS AVAILABLE			LEVEL 1	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	20

**Course Description:** Geography is relevant to everyone and draws on many subjects. It is about the interaction of people and places. The subject seeks to answer the questions: what is where? Why there? Why care? Using a range of geography skills and including Te Ao Māori and Pacific perspectives, the course studies topics such as our local environment, the shaping of NZ, climate change, settlement patterns and contested spaces. Fieldwork is an important component of the course.

**Leads to:** 12GEO/GEC, AS Level Geography

# YEAR 12 GEOGRAPHY

**12 GEO**

**Entry Requirements:** 10 credits in a Level 1 Social Science, Science course, or English (**must** include AS91927 if English).

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. The course is called "Geographies of the Pacific." It focuses on the Asia-Pacific region, drawing on key processes impacting people and place in our backyard. Students will come out of the course with a detailed understanding of the Pacific and our place within it. Topics in the course include:

- The formation and change of the natural landscape of Samoa.
- Urban patterns within Hawai'i.
- The differences in development between Japan and the Philippines.
- Conducting geographic research on river processes operating at Karamatura Stream.
- A range of contemporary geographic issues impacting Aotearoa.
- The global pattern of tropical cyclones.
- The impacts of the Hunga Tonga Hunga Ha'apai eruption on people and place. This course includes fieldwork activities in and around school and at least one field trip.

This course includes fieldwork activities in and around school and at least one field trip.

**Leads to:** 13 GEO or 13 GEC

## 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 GEOGRAPHY

13 GEO

**Entry Requirements:** 16 credits from one of Level 2 Geography, Classical Studies, English or History.

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.

CREDITS AVAILABLE			LEVEL 1	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	5	Internal Unit Standards	0	Total Credits	15

**Course Description:** Using a range of history skills and including Te Ao Māori and Pacific knowledge, this course involves an examination of key historical contexts relating to the themes of Significance, Change, and Perspectives.

We will examine significance through the study of a series of case studies of key concepts like colonisation and warfare, as well as a unit on Pacific histories, including the importance of oral history. We also examine the difference between three movies narratives of history and the actual historical accounts.

We analyse primary sources through case studies of persecution through time, including the Witch Trials and the Cambodian Killing Fields.

**Leads to:** Level 2 History, any other Social Science subject

# YEAR 12 HISTORY

12 HIS

**Entry Requirements:** 10 credits from a Level 1 Social Science course, or English.

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

**Course Description:** The Level 2 Course aims to develop the analytical skills of students by focusing on topics relating to the theme: Nationalism and Change.

The course will comprise of four key studies:

1. The Waikato War.
2. The Vietnam War from a perspective of Vietnamese Nationalism.
3. A study of 1920's protest and change.
4. The Origins of World War One.
5. The 1920s - change and impact

Students will also carry out research into an aspect of history that motivates and engages them.

**Leads to:** 13 HIS, 13 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 13 HISTORY

13 HIS

**Entry Requirements:** 14 credits in either Level 2 History, Classical Studies, English or Geography.

CREDITS AVAILABLE			LEVEL 3	●			
Internal Achievement Standards	15	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	25

**Course Description:** This course focuses on the theme of How Ideas Influence History.

**The course will comprise of five key studies:**

1. The creation of Empires - from Medieval African Empires, to the Moors in Spain, the Spanish Empire in the Americas, and the British Empire of the Nineteenth Century. Within this, we examine New Zealand and the fight for sovereignty, as well as New Zealand's Pacific Empire.
2. The French Revolution
3. The Reconstruction Era in the United States
4. The fight for power from the people, covering social change in the nineteenth century such as Woman's Suffrage and Reform of Lunatic Asylums and Prisons.

**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 12 PSYCHOLOGY

12 PSY

**Entry Requirements:** 110 credits from a Level 1 Social Science course, or English.

CREDITS AVAILABLE				LEVEL 2	<input type="radio"/>		
Internal Achievement Standards	21	External Achievement Standards	0	Internal Unit Standards with A, M, E grades	0	Total Credits	21

**Course Description:** This is an intermediate course in Psychology. Students will explore and apply the three 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 Clinical Psychology, and Social Psychology.

**Leads to:** 13 PSY

# YEAR 13 PSYCHOLOGY

13 PSY

**Entry Requirements:** 14 credits Level 2 Psychology, English or equivalent subject or 80 credits NCEA Level 2.

CREDITS AVAILABLE				LEVEL 3	●		
Internal Achievement Standards	19	External Achievement Standards	3	Internal Unit Standards with A, M, E grades	0	Total Credits	22

**Course Description:** An advanced course in Psychology. Topics include: Forensic Psychology, memory and eye witness testimony. Students will undertake psychological research with consultation. 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 11 SOCIAL STUDIES

11 SOS

**Entry Requirements:** Satisfactory completion of the Year 10 Social Science.

CREDITS AVAILABLE			LEVEL 1	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	20

**Course Description:** This course involves the study of people – who they are, what they do, how they change and what happens to them. Be prepared to engage in discussion about current social issues in this course. Anything from the influence of algorithms in social media, to the fairness of our justice system, to the distribution of power. Explore perspectives and responses relating to such issues. Reflect on your participation in a social action. Develop skills in inquiry, analysis, expressing ideas and learn to value Mātauranga Māori and indigenous Pacific knowledges along with Western knowledge.

**Leads to:** any of the Level 2 Social Science subjects

## 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 TRAVEL AND TOURISM

12 HTT

**Entry Requirements:** Level 1 Literacy is recommended.

CREDITS AVAILABLE			LEVEL 2 
Internal Achievement Standards	0	External Achievement Standards	0
		Internal Unit Standards	27
			<b>Total Credits maximum of</b> 27


**Course Description:** This course offers 9 Level 2 Travel and Tourism unit standards with 25 credits available for students in class time. The course explores how tourism operates as a business, destinations around the world and within New Zealand along with the way tourism impacts the environment.

**Leads to:** Working in the Travel and Tourism Industry allows for further training at polytechnic, university or private providers.

## YEAR 13 TRAVEL AND TOURISM

13 HTT



**Entry Requirements:** Must have Level 2 Literacy. Level 2 Travel and Tourism is advantageous.

CREDITS AVAILABLE			LEVELS 2 
Internal Achievement Standards	0	External Achievement Standards	0
		Internal Unit Standards	25
			<b>Total Credits</b> 25

**Course Description:** This course offers 5 Level 3 Travel and Tourism unit standards with 25 credits available for students in class time. The 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 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  
Resistant Materials

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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.	85
11 TFT	Year 11 NCEA Fashion Technology	Completion of the Year 10 Soft Materials Technology course at grade 'A4' or above.	85
12 TFT	Year 12 NCEA Fashion Technology	A minimum of 10 credits from 11 TFT.	86
13 TFT	Year 13 NCEA Fashion Technology	A minimum of 14 credits from 12 TFT.	86
10 TFN	Year 10 Food Technology	Completion of the Year 9 Food Technology course at grade 'A4' or above.	86
11 TFN	Year 11 NCEA Food Technology	Completion of the Year 10 Food Technology course at grade 'A4' or above.	86
12 TFN	Year 12 NCEA Food Technology	10 credits in Level 1 Food Technology.	87
13 TFN	Year 13 NCEA Food Technology	14 credits from Level 2 Food Technology.	87
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.	87
12 THO	Year 12 NCEA Hospitality and Catering	Successful completion of Year 11 Hospitality and Catering course.	88
13 THO	Year 13 NCEA Hospitality and Catering	Must have successfully completed and achieved Level 2 Hospitality in Year 12.	88
12 TEC	Year 12 NCEA Early Childhood Education	Satisfactory completion of level 1 NCEA, with 80 credits.	88
13 TEC	Year 13 NCEA Early Childhood Education	Must have successfully completed and achieved 24 credits from Level 2 Early Childhood Education (Year 12).	88
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.	89
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.	90
12 TPI	Year 12 NCEA Innovation Programme	A minimum of 10 Credits at 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.	90
13 TPI	Year 13 NCEA Innovation Programme	A minimum of 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.	90
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.	90
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.	91
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.	91

## 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

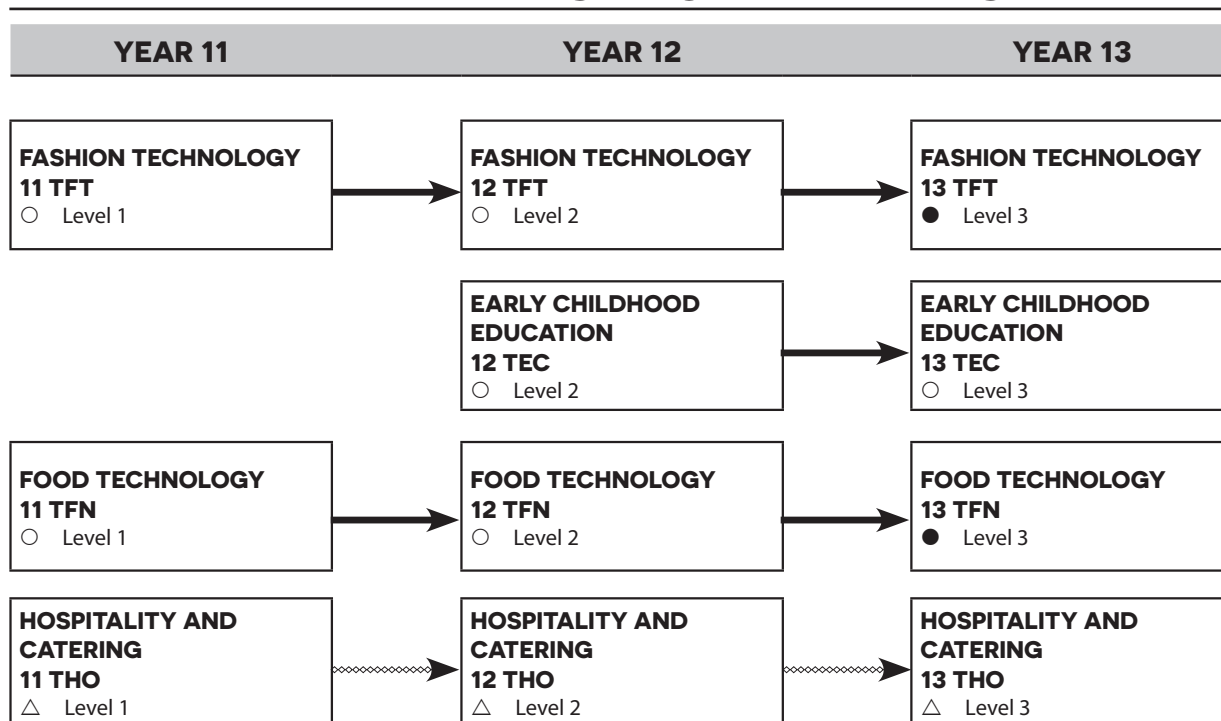
- ☐ Relevant courses for students who are working towards gaining NCEA level 1 or 2. Students taking these courses can meet the entry requirements of some tertiary courses, apprenticeships or their first employment.

11 TCA	Year 11 NCEA Carpentry	An interest in carpentry, building construction or trade pathway.	92
12 TCA	Year 12 NCEA Carpentry	A minimum of 14 credits from 11 TCA.	92
13 TCA	Year 13 NCEA Carpentry	A minimum of 14 credits from 12 TCA.	93
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.	93
11 TVC	Year 11 NCEA Design and Visual Communication	Successful completion of the Year 10 Design and Visual Communication course (A4 average grade).	93
12 TVC	Year 12 NCEA Design and Visual Communication	Successful completion of the Level 1, Design and Visual Communication course. A minimum of 10 Level 1 credits, including internal and external credits.	94
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.	94
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 (grade A4 or higher)	94
12 TME	Year 12 NCEA Mechanical Engineering	14 credits from Year 11TME.	95
13 TME	Year 13 NCEA Mechanical Engineering	A minimum of 14 credits from 12 TME.	95
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.	95
10 TPD	Year 10 Product Development	Completion of Year 9 TPD with a minimum 'A4' average.	96
11 TPD	Year 11 NCEA Product Development	Successful completion of the Year 10TPD and/or 10TVC course is essential (grade A4 or higher).	96
12 TPD	Year 12 NCEA Product Development	Successful completion of the Year 11TPD. It is encouraged that students should be confident in using Autodesk Inventor CAD software to design and develop solutions for given problems.	96
13 TPD	Year 13 NCEA Product Development	Successful completion of Year 12 TPD. It is encouraged that students should be confident in using Autodesk Inventor CAD software to design and develop solutions for given problems.	96

#### 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.

**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 TFT

## 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	12	External Achievement Standards	4	Internal Unit Standards	0	Total Credits	16

**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 12 FASHION TECHNOLOGY

12 TFT

**Entry Requirements:** A minimum of 10 credits from 11 TFT.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>			
Internal Achievement Standards	16	External Achievement Standards	4	Internal Unit Standards	0	Total Credits	20

**Course Description:** This is an opportunity to develop existing fashion design and construction skills to form a foundation for job opportunities within the design sector. Students will design and manufacture a range of garments over the course. Students will need to demonstrate knowledge of fabrics and methods of construction including tools they have used.

**Assessment:** Units will be assessed on both theory and the practical application of the knowledge gained. Assessment judgement will be made from ongoing coursework. Provisional grades will be used until projects are completed. All projects are internally assessed, and one standard will be externally assessed.

**Leads to:** 13 TFT and 13 TFT scholarship.

## YEAR 13 FASHION TECHNOLOGY

13 TFT

**Entry Requirements:** A minimum of 14 credits from 12 TFT.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>			
Internal Achievement Standards	16	External Achievement Standards	4	Internal Unit Standards	0	Total Credits	20

**Course Description:** Students will develop a design brief and research existing fashion trends. They will use the skills they developed in Fashion technology and make a range of garments by implementing complex procedures.

**Assessment:** Portfolio work will be assessed on both theory and practical application of the knowledge gained. All projects are internally assessed and one achievement standard will be externally assessed.

**Leads to:** Study at tertiary level in the Fashion industry.

## YEAR 10 FOOD TECHNOLOGY

10 TFN

**Entry Requirements:** Completion of the Year 9 Food Technology course at grade 'A4' or above.

**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	12	External Achievement Standards	4	Internal Unit Standards	0	Total Credits 16

**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

### 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 FOOD TECHNOLOGY

12 TFN

**Entry Requirements:** 10 credits in Level 1 Food Technology.

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 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	●			
Internal Achievement Standards	16	External Achievement Standards	4	Internal Unit Standards	0	Total Credits	20

**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.

## 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	Total Credits	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. The number of credits is subject to change at the direction of the outside provider.

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.

### 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 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 22</b>

**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. The number of credits is subject to change at the direction of the outside provider.


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 26</b>

**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. The number of credits is subject to change at the direction of the outside provider.


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.

## YEAR 12 EARLY CHILDHOOD EDUCATION 12 TEC

**Entry Requirements:** Satisfactory completion of level 1 NCEA, with 80 credits.

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


**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. The number of credits is subject to change at the direction of the outside provider.

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. Cross-credited to tertiary qualifications.

## YEAR 13 EARLY CHILDHOOD EDUCATION 13 TEC

**Entry Requirements:** Must have successfully completed and achieved 24 credits from Level 2 Early Childhood Education (Year 12).

CREDITS AVAILABLE			LEVEL 3 
Internal Achievement Standards 0	External Achievement Standards 0	Internal Unit Standards 22	<b>Total Credits 22</b>

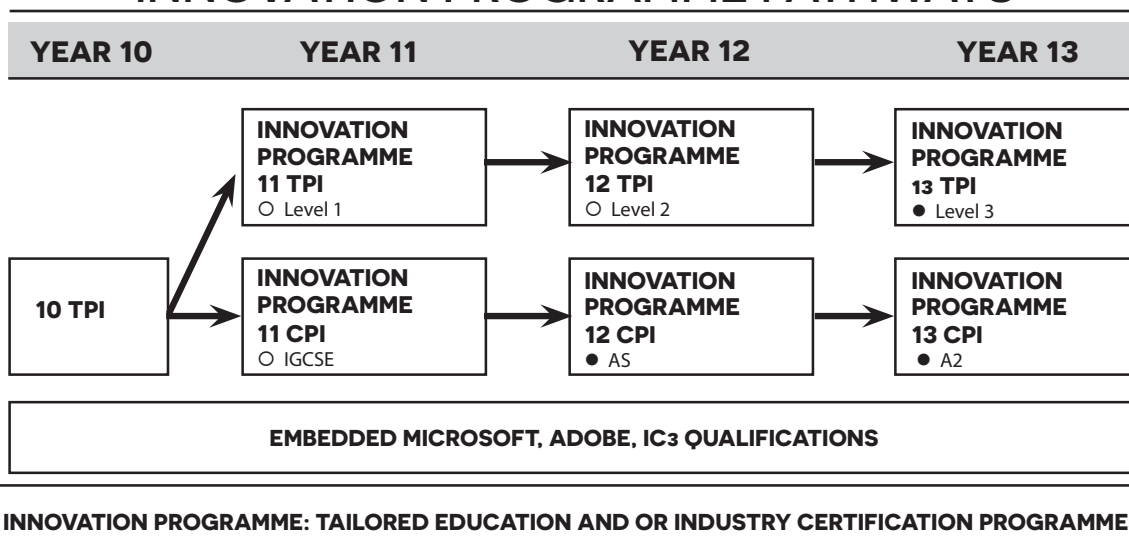
**Course Description:** This course continues to build on the practical knowledge students demonstrated in 12 TEC. Emphasis will be on child development and behaviour within early childhood centre settings. An introduction to Te Whariki (under 5's) curriculum content and structure will be covered. The number of credits is subject to change at the direction of the outside provider.

**Leads to:** Study at tertiary level in Early Childhood Education, some of the Unit Standards may be directly cross- credited to tertiary qualifications.

### 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.

# INNOVATION PROGRAMME PATHWAYS



## INNOVATION PROGRAMME

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:

- 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.

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.

## YEAR 10 INNOVATION PROGRAMME

## 10 TPI

**Entry Requirements:** Course completion with merit or excellence for all (or a Microsoft Office Specialist, IC3 or Adobe qualification) at Year 9 TPI. Or, by negotiation with the department Director.

**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 and Adobe. 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.

### 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 INNOVATION PROGRAMME

**11 TPI**

**Entry Requirements:** Course completion with A4 average, merit or excellence for all (or a Microsoft Office Specialist, IC3 or Adobe qualification) work at Year 10 TPI.

CREDITS AVAILABLE			LEVEL 1	<input type="radio"/>			
Internal Achievement Standards	10	External Achievement Standards	5	Internal Unit Standards	0	Total Credits	15

**Course Description:** Students will complete investigative and practical projects to develop a comprehensive understanding of societal, organisational and or consumer factors involved 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 Microsoft Office, Information Technology Specialist and Adobe 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

## YEAR 12 INNOVATION PROGRAMME

**12 TPI**

**Entry Requirements:** A minimum of 10 credits at Level 1. Course completion with merit or excellence for all (or a Microsoft Office Specialist, IC3 or Adobe qualification) work at Year 11 TPI.

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

**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:** A minimum of 14 credits at Level 2. Course completion with merit or excellence for all (and Microsoft Office Specialist, IC3 or Adobe qualifications) work at Year 12 TPI.

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

**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, Digital Media or Software Development. Students will have the opportunity to complete highly sought after industry certifications as part of the course requirements. 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 (CAMBRIDGE – 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) ) 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

### 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.

Office, Information Technology Specialist and Adobe 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:** Innovation Programme Cambridge AS

## YEAR 12 INNOVATION PROGRAMME (CAMBRIDGE - AS) 12 CPI ●

**Entry Requirements:** IGCSE Course completion with C (and Microsoft Office Specialist, IC3 or Adobe qualifications).

**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.

## YEAR 13 INNOVATION PROGRAMME (CAMBRIDGE - A2) 13 CPI ●

**Entry Requirements:** IGCSE and AS Course completion with C (preference given to students with a Microsoft Office Specialist qualification).

**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 using Adobe. Students continue to leverage highly sophisticated Microsoft Technologies and embedded qualifications; such as Microsoft Office and Information Technology Specialist. 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 INDUSTRY QUALIFICATIONS ALL COURSES

For 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
Microsoft Office Specialist (MOS)	All students can now demonstrate that they have the deepest level of skills needed to proficiently use Office for advancing your University, gaining an interview, securing precious job opportunities in a seriously competitive world.
MOS EXPERT	
Information Technology Specialist (ITS)	ITS helps Avondale College graduates stand out when submitting role, tertiary study and or internship applications. ITS proves their understanding of a variety of entry-level technology concepts. The ITS certification validates and extends technology concepts learned through Cambridge ICT and the Innovation Programme.
Adobe Certified Associate (ACA)	ACA gained through Avondale students proves they can use Adobe Creative Cloud. These qualifications prove their skills in photo & video editing, animation, design, and web development.
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.

### CORE COURSES

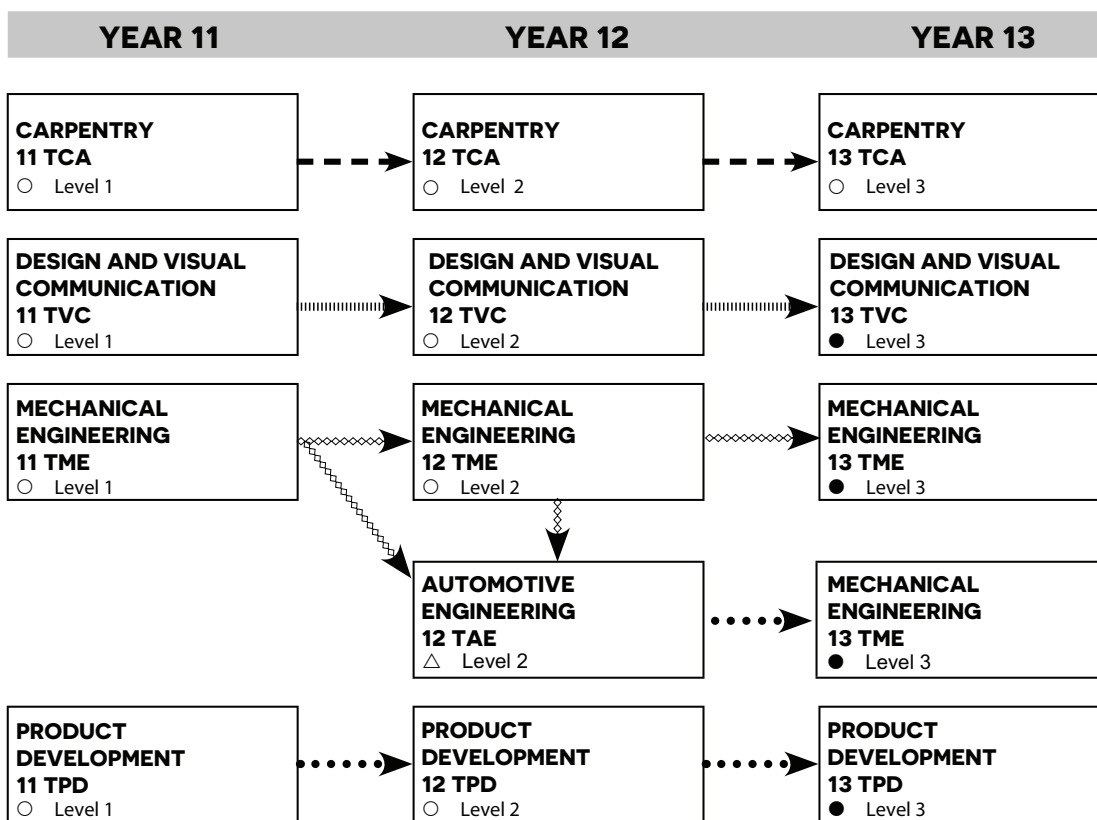
- A reduced credit course covering the core aspects of the full course. There is sufficient coverage in Year 11 & 12 core courses to allow progress into the full course at the next level. Students taking these courses can meet the university entrance requirement by the end of Year 13.

### 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.



# RESISTANT MATERIALS DEPARTMENT SENIOR PATHWAYS



## YEAR 11 CARPENTRY

## 11 TCA

**Entry Requirements:** An interest in carpentry and building construction. 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

**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. The number of credits is subject to change at the direction of the outside provider.

**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.

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 safety requirements. The number of credits is subject to change at the direction of the outside provider.

**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

### 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 CARPENTRY

**13 TCA**

**Entry Requirements:** A minimum of 14 credits from 12 TCA.

CREDITS AVAILABLE					LEVELS 2 & 3	<input type="radio"/>	
Internal Achievement Standards	0	External Achievement Standards	0	Internal Unit Standards	27	Total Credits	27

**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. The number of credits is subject to change at the direction of the outside provider.

**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 a design pathway leading to Level 1, Level 2 and Level 3 Technology, Resistant Materials courses (Design and Visual Communication, Product Development, Carpentry, Mechanical Engineering). An interest in product design and/or architecture is advantageous.

**Course Description:** Students will use a combination of freehand sketching and rendering visual communication techniques alongside CAD software to develop a final product that meets set specifications of a design brief. The course includes a portfolio of design work with CAD based presentation techniques like 3D modelling, rendering and presentation.

**Assessment:** During project work students develop a product using a range of skills that link to assessment units throughout the year.

**Leads to:** 11TVC, 11TPD, 11TCA, 11TME

## 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	<input type="radio"/>		
Internal Achievement Standards		10	External Achievement Standards		5	Internal Unit Standards	0	Total Credits	15

**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.

### 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 DESIGN AND VISUAL COMMUNICATION **12 TVC**

**Entry Requirements:** Successful completion of the Level 1 Design and Visual Communication course. A minimum of 10 Level 1 credits, including internal and external credits. It is highly recommended to complete training in Autodesk Inventor CAD software.

CREDITS AVAILABLE			LEVEL 2	<input type="radio"/>			
Internal Achievement Standards	15	External Achievement Standards	7	Internal Unit Standards	0	Total Credits	22

**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.
- 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.
- Use visual communication techniques to compose a presentation of a design.

**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. It is encouraged that students should be confident in using CAD software in a design context. **(Students can not select both 13TVC and 13TME in 2024)**

CREDITS AVAILABLE			LEVEL 3	●			
Internal Achievement Standards	12	External Achievement Standards	10	Internal Unit Standards	0	Total Credits	22

**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 and Autodesk Revit to develop solutions for given problems. As part of the course students will have the opportunity to complete the Autodesk Inventor or Fusion 360 industry certification.

**Leads to:** University approval for Architecture, Engineering, Technology, and most design orientated courses.

## 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).

CREDITS AVAILABLE					LEVEL 1	<input type="radio"/>	
Internal Achievement Standards	0	External Achievement Standards	0	Internal Unit Standards	19	Total Credits	19

**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. The number of credits is subject to change at the direction of the outside provider.

**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.

**Leads to:** 12 TME (only if all 19 standards are gained) 12 TAE, and Gateway for selected students.

### 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 MECHANICAL ENGINEERING

12 TME

**Entry Requirements:** 14 credits from Year 11TME.

CREDITS AVAILABLE			LEVEL 2	
Internal Achievement Standards	0	External Achievement Standards	0	Internal Unit Standards
				21
			Total Credits	21

**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. The number of credits is subject to change at the direction of the outside provider.

**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.

CREDITS AVAILABLE			LEVEL 3	
Internal Achievement Standards	10	External Achievement Standards	6	Internal Unit Standards
				5
			Total Credits	21

**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. The number of credits is subject to change at the direction of the outside provider.

**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
				20
			Total Credits	20

**Course Description:** The course offers learning opportunities in the automotive industry, credits towards NCEA and a great introduction to the working environment. Supported by MITO in partnership with schools and local businesses. Automotive engineering has theory and practical components. Students complete theory online and cover the practical components while working in an automotive workplace. The number of credits is subject to change at the direction of the outside provider.

**Assessment:** Theory assessments will be completed online. Many of the assessment questions are automatically marked, but a MITO eLearning facilitator will mark some that require short answers.

**Leads to:** Level 3 Mechanical Engineering or students can continue to gain skills and qualifications by transferring to a MITO apprenticeship.

## 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 PRODUCT DEVELOPMENT

10 TPD

**Entry Requirements:** This is an open entry course for students opting to follow a design pathway leading to Level 1, Level 2 and Level 3 Technology, Resistant Materials courses (Product Development, Carpentry, Mechanical Engineering). An interest in product design is advantageous.

**Course Description:** Students will use a combination of hand tools and CAD software to develop a prototype and final product. The course includes a portfolio of design work with theory-based tasks as well as a practical element.

**Assessment:** During project work students develop a product using a range of skills that link to assessment units throughout the year.

**Leads to:** 11TPD, 11TVC, 11TCA, 11TME

## YEAR 11 PRODUCT DEVELOPMENT

11 TPD

**Entry Requirements:** Successful completion of the 10TPD and/or 10TVC course or an A4 grade or higher in the Year 10 English unit TEXT (Essay Skills)

CREDITS AVAILABLE			LEVEL 1	<input type="radio"/>			
Internal Achievement Standards	12	External Achievement Standards	8	Internal Unit Standards	0	Total Credits	20

**Course Description:** Students will use a combination of hand tools and CAD software processes to develop prototypes that transforms, manipulates, and combines different materials. The course includes a portfolio of design work with theory-based tasks as well as a practical element that relates to a design brief following specifications for an authentic context.

**Leads to:** 12TPD

## YEAR 12 PRODUCT DEVELOPMENT

12 TPD

**Entry Requirements:** Successful completion of the Year 11TPD. 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

## YEAR 13 PRODUCT DEVELOPMENT

13 TPD

**Entry Requirements:** Successful completion of the Year 12 Product Development. 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 3	<input checked="" type="radio"/>			
Internal Achievement Standards	18	External Achievement Standards	4	Internal Unit Standards	0	Total Credits	22

**Course Description:** Students will implement complex procedures to integrate parts using resistant materials to make a specified product. This includes 3D printing and using laser cutting technologies 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:** Mechanical Engineering or Product Development related industries, University and Tertiary education.

### 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.


# CAREERS DEPARTMENT

COURSE	ENTRY REQUIREMENTS	PAGE
12 ESK Year 12 NCEA Employment Skills	Entry at discretion of the Director.	97

## YEAR 12 EMPLOYMENT SKILLS

**12 ESK**

**Entry Requirements:** Entry is at the discretion of the Director.

Credits Available			LEVELS 1 & 2 
Internal Achievement Standards <b>0</b>	External Achievement Standards <b>0</b>	Internal Unit Standards <b>23</b>	<b>Total Credits 23</b>

**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	A wide range of Year 13 subjects is recommended including Maths, Art, Sciences, Design and Visual Communication; a portfolio of artwork is required in some cases. Prerequisites are required at Auckland University. An English-rich subject is often required
Draughting - Architectural Technology - Diploma	Year 12 Maths, Design and Visual Communication and English.
<b>ARMED FORCES</b> - Officers	Good grades in Year 12 and 13 including Year 12 English.
- Trades	Year 11 English, Maths and Science.
<b>BUSINESS</b> - Degree	Year 13 Maths, Accounting and/or Economics and Business Studies.
- Diploma	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	Broad range of subjects including Mathematics, Statistics or Calculus, Physics, Information and Communication Technology to Year 13.
- Diploma	Subjects as above to Year 12.
<b>DENTAL THERAPY</b> - Technician/Hygienist	English, Maths, Sciences to Year 12/13.
- Assistant	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 is recommended.
<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	Year 13 Maths with Calculus and Physics. Essential for all Engineering Honours degrees. Chemistry for some disciplines.
- Diploma	Year 12 Maths and Physics.
- Trade	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	Year 13 Maths, Statistics or Calculus, Biology, Chemistry and Horticulture.

### 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>HORTICULTURE cont.</b>	- Diploma - Cadets	Year 12 English, Maths, Sciences including Horticulture. 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  -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. Year 12 English, Maths.
<b>MEDICAL IMAGING</b>		Year 13 English, Mathematics and Sciences (Physics preferred). Entry via University of Auckland BSc (in Biomedical Science). Unitec direct entry from school.
<b>MEDICINE</b>		Year 13 Biology, Chemistry, Physics, Mathematics, Statistics or Calculus and an arts subject is strongly recommended to Year 13 (English, Classical Studies, Art History, History, Geography). Entry via BHSc or BSc. Can not be accessed straight from school.
<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 - Early Childhood - Primary -Secondary	Year 12 completion including English. Broad range of subjects including Year 12/13 English. Broad range of subjects including Year 13 English. 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. Year 12 English, Mathematics, Languages, Geography, Information and Communication Technology, Travel and Tourism.
<b>VETERINARY SCIENCE / VETERINARY NURSE</b>	- Degree - Diploma - Degree	Year 13 Chemistry, Biology, Physics and Mathematics, Statistics or Calculus plus a language-rich subject. Year 12 Sciences. Year 13 2 x Sciences.

#### 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.



# 2025 COURSE CODES

## 2025 Year 10 Courses and Codes

<b>Course</b>	<b>Code</b>	<b>Page</b>
Commerce .....	10 COM.....	31
Dance.....	10 DSE.....	28
Design and Visual Communications .....	10 TVC.....	93
Drama .....	10 DRA .....	29
English.....	10 ENG .....	38
ESOL .....	10 ESJ .....	43
Food Technology .....	10 TFN.....	86
French .....	10 FRE .....	45
Health & PE.....	10 HPE .....	58
Innovation Programme .....	10 TPI.....	89
Japanese.....	10 JAP .....	47
Māori (Te Reo).....	10 MAO.....	51
Mathematics and Statistics.....	10 MAT .....	53
Media Studies .....	10 MST .....	42
Music .....	10 MUS.....	24
Product Development.....	10 TPD.....	96
Samoan .....	10 SAO .....	48
Science .....	10 SCI .....	67
Social Science .....	10 SOS .....	75
Soft Materials Technology .....	10 TSM .....	85
Spanish .....	10 SPA.....	49
Sport Academy.....	10 SPC.....	59
Visual Art.....	10 ART.....	21

## 2025 Year 11 Courses and Codes

<b>Course</b>	<b>Code</b>	<b>Page</b>
Accounting (IGCSE).....	11 CAC.....	32
Biology (IGCSE).....	11 CBI.....	68
Business Studies (IGCSE) .....	11 CBS .....	34
Carpentry .....	11 TCA.....	92
Chemistry (IGCSE) .....	11 CCH.....	69
Commerce .....	11 COM.....	35
Dance.....	11 DSE.....	28
Design and Visual Communications .....	11 TVC.....	93
Drama .....	11 DRA.....	30
English (IGCSE) .....	11 CEN.....	39
English.....	11 ENG.....	39
English Applied .....	11 ENA.....	40
ESOL.....	11 ES1 .....	43
Fashion Technology .....	11 TFT .....	85
Food Technology .....	11 TFN .....	86
French (IGCSE).....	11 CFR.....	46
French .....	11 FRE .....	46
Geography (IGCSE) .....	11 CGE.....	76
Geography .....	11 GEO.....	79
Health Education .....	11 HLT .....	60
History (IGCSE) .....	11 CHS.....	76
History.....	11 HIS.....	80
Hospitality and Catering .....	11 THO.....	87
Innovation Programme .....	11 TPI.....	90
Innovation Programme (IGCSE) .....	11 CPI.....	90
Japanese.....	11 JAP .....	47
Māori (Te Reo).....	11 MAO .....	52
Mathematics (IGCSE) .....	11 CMT .....	54
Mathematics & Statistics .....	11 MAT.....	54
Mathematics & Statistics (Applied) .....	11 MTA.....	55
Mechanical Engineering .....	11 TME.....	94

<b>Course</b>	<b>Code</b>	<b>Page</b>
Music (IGCSE).....	11 CMU .....	25
Music .....	11 MUS .....	26
Music Technology .....	11 MCT .....	26
Physical Education (IGCSE).....	11 CPE .....	60
Physical Education.....	11 PED.....	60
Physics (IGCSE) .....	11 CPH.....	70
Product Development .....	11 TPD.....	96
Samoan .....	11 SAO.....	48
Science .....	11 SCI.....	71
Social Studies .....	11 SOS.....	81
Spanish (IGCSE) .....	11 CSP .....	49
Spanish .....	11 SPA .....	50
Visual Art Digital.....	11 ADP.....	21
Visual Art Painting.....	11 ART .....	21

## 2025 Year 12 Courses and Codes

<b>Course</b>	<b>Code</b>	<b>Page</b>
Accounting (AS) .....	12 CAC.....	33
Accounting.....	12 ACC.....	35
Automotive Engineering.....	12 TAE .....	95
Biology (AS) .....	12 CBI.....	68
Biology.....	12 BIO .....	72
Business Studies (AS) .....	12 CBS .....	34
Business Studies.....	12 BUS .....	36
Carpentry .....	12 TCA .....	92
Chemistry (AS) .....	12 CCH.....	69
Chemistry.....	12 CHE.....	72
Classical Studies .....	12 CLS .....	78
Dance.....	12 DSE.....	29
Design and Visual Communication .....	12 TVC .....	94
Drama .....	12 DRA.....	30
Early Childhood Education.....	12 TEC .....	88
Earth and Space Science.....	12 ESS .....	71
Economics .....	12 ECO.....	36
Employment Skills.....	12 ESK .....	97
English (AS) .....	12 CEN.....	40
English.....	12 ENG.....	40
English Applied .....	12 ENA.....	41
ESOL.....	12 ES2 .....	43
Fashion Technology .....	12 TFT .....	86
Food Technology.....	12 TFN .....	87
French (AS).....	12 CFR .....	46
French .....	12 FRE .....	46
Geography (AS) .....	12 CGE.....	76
Geography .....	12 GEO.....	79
Health Education.....	12 HLT .....	61
History (AS) .....	12 CHS.....	77
History.....	12 HIS.....	80
Horticultural Science .....	12 HOR .....	71
Hospitality and Catering .....	12 THO.....	88
Innovation Programme .....	12 TPI.....	90
Innovation Programme (AS).....	12 CPI.....	91
Japanese.....	12 JAP .....	48
Māori (Te Reo).....	12 MAO .....	52

## 2025 COURSE CODES

### 2025 Year 12 Courses and Codes

<b>Course</b>	<b>Code</b>	<b>Page</b>
Mathematics (AS).....	12 CMT .....	55
Mathematics .....	12 MAT.....	55
Mathematics & Statistics .....	12 MAS .....	55
Mathematics & Statistics (Core) .....	12 MTC.....	56
Mathematics (Financial) .....	12 MAF .....	56
Mechanical Engineering .....	12 TME.....	95
Media Studies .....	12 MST.....	42
Music (AS).....	12 CMU .....	25
Music .....	12 MUS .....	26
Music Technology .....	12 MCT .....	27
Outdoor Education .....	12 OED .....	61
Physical Education.....	12 PED .....	61
Physics (AS) .....	12 CPH.....	70
Physics.....	12 PHY.....	73
Product Development .....	12 TPD .....	96
Psychology (AS) .....	12 CPS .....	77
Psychology.....	12 PSY .....	81
Samoan .....	12 SAO.....	49
Sports Leadership .....	12 SPL .....	62
Spanish (AS).....	12 CSP .....	50
Spanish .....	12 SPA .....	50
Travel and Tourism.....	12 HTT .....	82
Visual Art Design .....	12 APD.....	22
Visual Art Painting .....	12 APA .....	22
Visual Art Photography .....	12 APO.....	22

### 2025 Year 13 Course and Codes

<b>Course</b>	<b>Code</b>	<b>Page</b>
Accounting (A2) .....	13 CAC.....	33
Accounting.....	13 ACC.....	35
Biology (A2) .....	13 CBI.....	68
Biology.....	13 BIO .....	72
Business Studies (A2) .....	13 CBS .....	34
Business Studies.....	13 BUS .....	37
Carpentry .....	13 TCA .....	93
Chemistry (A2) .....	13 CCH.....	69
Chemistry.....	13 CHE.....	73
Classical Studies .....	13 CLS .....	78
Dance.....	13 DSE.....	29
Design and Visual Communication .....	13 TVC .....	94
Drama .....	13 DRA.....	30
Early Childhood Education.....	13 TEC .....	88
Earth and Space Science.....	13 ESS .....	72
Economics .....	13 ECO.....	36
English.....	13 CEN.....	41
English.....	13 ENG.....	41
English Applied .....	13 ENA.....	41
Fashion Technology .....	13 TFT .....	86
Food Technology .....	13 TFN .....	87
French (A2).....	13 CFR .....	47
French .....	13 FRE .....	47
Geography (A2) .....	13 CGE.....	76

<b>Course</b>	<b>Code</b>	<b>Page</b>
Geography .....	13 GEO.....	80
Geography (Core).....	13 GEC.....	79
Hospitality and Catering .....	13 THO.....	88
Health Education.....	13 HLT .....	62
History (A2) .....	13 CHS.....	77
History.....	13 HIS.....	81
Horticultural Science .....	13 HOR .....	71
Innovation Programme .....	13 TPI.....	90
Innovation Programme (A2) .....	13 CPI.....	91
Japanese.....	13 JAP .....	48
Māori (Te Reo).....	13 MAO.....	52
Mathematics .....	13 MSS.....	56
Mathematics (A2).....	13 CMT .....	56
Mathematics (Calculus) .....	13 MAT.....	56
Mathematics (Statistics).....	13 MAS .....	57
Mathematics (Financial) .....	13 MAF .....	57
Mathematics & Statistics (Core) .....	13 MTC.....	57
Mechanical Engineering .....	13 TME.....	95
Media Studies .....	13 MST.....	42
Music (A2).....	13 CMU .....	25
Music .....	13 MUS .....	27
Music Technology .....	13 MCT .....	27
Outdoor Education .....	13 OED .....	63
Physical Education.....	13 PED .....	62
Physics (A2) .....	13 CPH.....	70
Physics.....	13 PHY.....	73
Product Development .....	13 TPD .....	96
Psychology (A2) .....	13 CPS .....	78
Psychology.....	13 PSY .....	81
Samoan .....	13 SAO.....	49
Science (Core) .....	13 SCC .....	73
Spanish (A2).....	13 CSP .....	50
Spanish .....	13 SPA .....	51
Sports Leadership .....	13 SPL .....	63
Travel and Tourism.....	13 HTT .....	82
Visual Art Design .....	13 APD.....	23
Visual Art Painting.....	13 APA .....	23
Visual Art Photography .....	13 APO.....	23