



# LEVEL 2

## 2020 Course Outlines

# Introduction

The aim of this handbook is to inform students and parents of the subjects which will be offered in the Senior School next year. In selecting subjects, we recommend that students and parents keep in mind the following guidelines:

- Do not specialise too early. Maintain a broad range of subjects for as long as possible throughout your school career.
- Look closely at your present subjects. Do not drop a subject that you may need later on, for your future career pathway.
- Ensure you take subjects that you are interested in.
- Look towards the future. This is a time of very rapid change so you must maintain a balanced subject range so that you have more than one career option in the years to come.

**When making your decision, please consider the following suggestions:**

- Choose subjects appropriate to your ability
- Choose subjects which lead to your career pathway
- Choose subjects which keep your options open
- Choose subjects that interest you

There is a wide range of staff available to assist you in making the right decision. Please approach the Careers Advisor, Subject Teachers, Dean or Senior Leadership with any questions you may have.

We encourage you to look forward to 2020. Be prepared to participate in a wide range of activities, take on responsibilities, participate in servant leadership, give assistance to others, and above all, learn in a disciplined and supportive environment.

Best wishes for a successful year of study in 2020. Set your sights high and aim for personal excellence in all you undertake.

## All courses listed in this booklet are subject to the following conditions

- Some courses may not run due to insufficient numbers.
- Given the large number of courses we offer, it is not always possible to accommodate every combination of subjects. We will work hard to minimise the number of clashes but occasionally they do occur.
- Entry into any course is subject to HOD approval and the combination of courses is subject to final confirmation by the year level Dean.
- The information contained in this booklet is as up-to-date as possible but may change due to staffing availability.
- The student must meet necessary pre-requisites to be able to the course in 2020

## Important information about the 2020 Senior subject costs

- All senior course charges and the cost of any enhancement resources are provided in each subject outline as estimates only. Confirmation of these will occur at the start of 2020.
- All course costs as outlined must be paid in full by 1 April 2020.
- Take home workbooks where stated as an enhancement resource, will be available on-line through Office Max myschool from the beginning of December. The URL link for Sancta Maria College students is : [www.myschool.co.nz/sanctamariacollege](http://www.myschool.co.nz/sanctamariacollege)

# Qualifications available

In 2020, Year 11, 12 and 13 students will work towards NCEA (National Certificate of Educational Achievement). Students are assessed against Achievement Standards and/or Unit Standards, each contributing credits towards NCEA.

## Achievement Standards:

All Achievement Standards are marked using standards based assessment. Internal work for NCEA is moderated both within the school and by NZQA through external moderation systems. Students can receive Achieved (A), Achieved with Merit (M), Achieved with Excellence (E) or Not Achieved (N) as grades for each standard entered.

## Unit Standards:

These are an alternative standards based qualification. They count towards NCEA. Some subjects offer courses that contain Unit Standards because they prove a more suitable means of qualifying students for NCEA. All Unit Standards are internally assessed. Students can receive Achieved (A) or Not Achieved (N) for each standard entered.

The New Zealand Qualifications Authority (NZQA) can send a Record of Learning in January each year showing the Unit Standards and Achievement Standards achieved, **if this is requested by the student.**

YEAR 13 SUBJECTS	<p><b>All Year 13 students must study: Religious Education.</b></p> <p>For the remaining five subjects, students will be given a free choice depending on staffing and class sizes. Students must ensure that they have met the literacy and numeracy criteria for University Entrance (UE). If your future plans include attending University, check carefully that your subjects will enable you to gain University Entrance (please see page 6).</p>
YEAR 12 SUBJECTS	<p><b>All Year 12 students must study: an English course, Religious Education And Core Physical Education.</b></p> <p>Students then choose four option subjects finalised depending on staffing and class sizes</p>
YEAR 11 SUBJECTS	<p><b>All Year 11 students must study: an English course, a Mathematics course, a Science course, Religious Education and Core Physical Education.</b></p> <p>Students then choose two option subjects finalised depending on staffing and class sizes</p>

The College will be pleased to help parents and students in choosing subjects, to recommend subjects and to advise against what may be an unwise choice. Students should try to guarantee a broad education for as long as possible. **Each student's course will require the approval of parents and the Dean.**

# What is NCEA?

In 2020, Year 11, 12 and 13 students will be working towards the qualification called NCEA, which stands for National Certificate of Educational Achievement.

There will be three levels:

Level 1 NCEA

Level 2 NCEA

Level 3 NCEA

## NCEA Level 1, 2 and 3

All students will enter for the NCEA qualification in those subjects where they have followed a NCEA course throughout the year.

A student's performance in NCEA is based on the number of credits obtained in the standards that form the basis of each course.

## Gaining NCEA

To gain the NCEA at each level a student needs 80 credits.

A full year course of 6 subjects is equivalent to approximately 100 - 120 credits from either Achievement Standards and / or Unit Standards.

Level One	NCEA requires: 80 credits of which 10 must be for numeracy and 10 for literacy. <u>(L1 Num) and (L1 Lit) are used throughout the subject course outlines to indicate that a standard is a Level 1 Numeracy or Literacy standard.</u>
Level Two	NCEA requires: 80 credits of which 60 must be at Level 2.
Level Three	NCEA requires: 80 credits of which 60 must be at Level 3.

Credits have three possible grades (levels of success)

- Achieved
- Merit
- Excellence

## Endorsement of National Certificates in Educational Achievement (NCEA)

50 credits at Excellence to gain an NCEA endorsed with Excellence

50 credits at Merit (or Merit and Excellence), to gain an NCEA endorsed with Merit.

## Course Endorsement Certificates in Educational Achievement (NCEA)

For a Course Endorsement a student will need to achieve at least 14 credits at Merit or Excellence in a particular subject (regarded as a course by NZQA) and also at a specific level. Credits will be needed from both internal and external assessments (minimum of 3 credits from both internal and external assessments)

More information on the particular details can be found on the NZQA website [www.nzqa.govt.nz](http://www.nzqa.govt.nz) and follow the links for NCEA.

## Sancta Maria College Academic Honours

In Term 1 at the start of every academic year. We celebrate our student's academic achievements with a prestigious Academic Honours badge ceremony. This is where each child that has achieved the following in their NCEA results will be awarded a badge to match their outstanding NCEA achievement.

<b>NCEA Level 1 Academic Honours - GOLD</b>	<b>= 50 credits at Excellence</b>
<b>NCEA Level 1 Academic Honours - SILVER</b>	<b>= 50 credits at Merit and/or Excellence</b>
<b>NCEA Level 2 Academic Honours - GOLD</b>	<b>= 50 credits at Excellence</b>
<b>NCEA Level 2 Academic Honours - SILVER</b>	<b>= 50 credits at Merit and/or Excellence</b>
<b>NCEA Level 3 Academic Honours - GOLD</b>	<b>= 50 credits at Excellence</b>
<b>NCEA Level 3 Academic Honours - SILVER</b>	<b>= 50 credits at Merit and/or Excellence</b>

# Sancta Maria College Academic Honours

## Scholars Badge

<b>NCEA Level 1 Academic Honours</b> <b>SCHOLARS BADGE</b>	<b>= Minimum FOUR SUBJECTS with Excellence Endorsement</b> Students will gain an endorsement for a course if, in a single school year, they achieve: 14 or more credits at Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards.
<b>NCEA Level 2 Academic Honours</b> <b>SCHOLARS BADGE</b>	<b>= Minimum FOUR SUBJECTS with Excellence Endorsement</b> Students will gain an endorsement for a course if, in a single school year, they achieve: 14 or more credits at Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards.
<b>NCEA Level 3 Academic Honours</b> <b>SCHOLARS BADGE</b>	<b>= Minimum FOUR SUBJECTS with Excellence Endorsement</b> Students will gain an endorsement for a course if, in a single school year, they achieve: 14 or more credits at Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards.

Students will gain an endorsement for a course if, in a single school year, they achieve: 14 or more credits at Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards.

# Standards Based Assessment

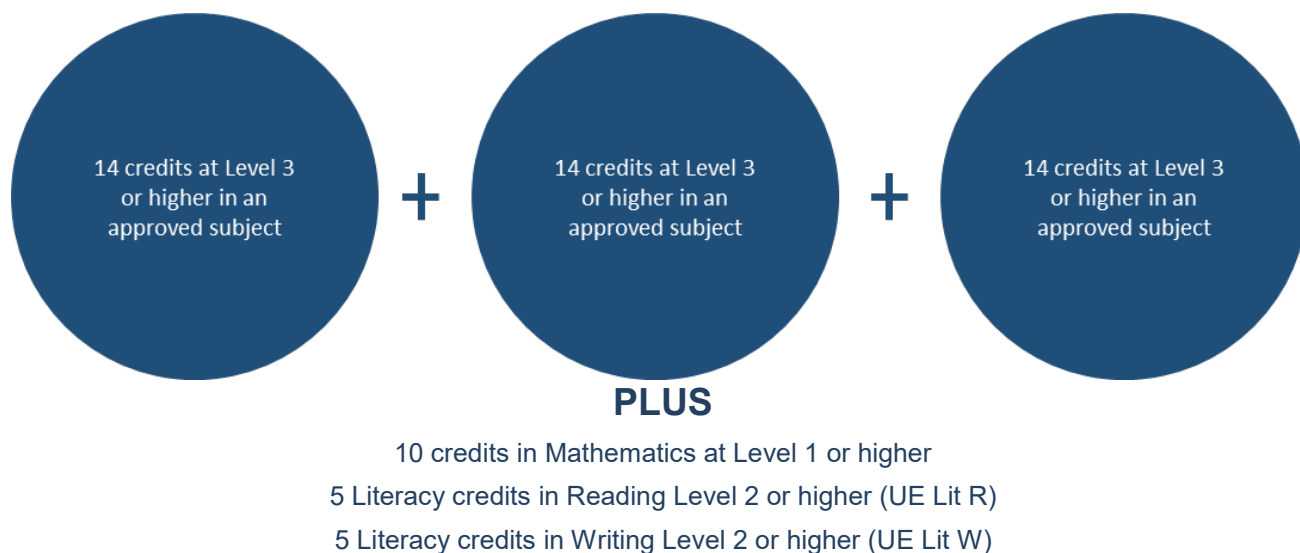
Standards Based Assessment is a process of judging learner achievement against pre-defined standards (learning outcomes). Students gain credits which go towards a national qualification. Credits can be gained either via Achievement Standards or by Unit Standards. Internal Assessment work for the NCEA is moderated both within the school and by NZQA through external moderation systems. This ensures that assessment is carried out consistently throughout the country.

	Achievement Standards	Unit Standards
Definition	A nationally registered, coherent set of learning outcomes and associated performance criteria for achieved, merit and excellence grades.	A nationally registered, coherent set of learning outcomes and associated performance criteria
Nationally Recognised	Yes	Yes
Based on curriculum documents (or their equivalent)	Yes	Yes
Predetermined set of criteria	Yes	Yes
Credits count towards a National Certificate in Educational Achievement (NCEA)	Yes	Yes
Recognise the degree of achievement	Yes (Either Not-achieved, Achieved, Merit or Excellence)	Yes (Either Not-achieved, Achieved, Merit or Excellence)

# Entrance to New Zealand Universities

Minimum entry requirements to university for the 2020 academic year are:

## Achievement of NCEA Level 3 PLUS:



**These literacy credits can be achieved through a range of subjects. See NZQA website for the complete list of available subjects and particularly Achievement Standards.**

\*In the Level 2/3 subject outlines, the following codes are used: **(UE Lit R) = Reading credits, (UE Lit W) = Writing credits and (UE Lit R/W) = available as both Reading/Writing credits.**

\* The University of Auckland will require students to have gained a minimum of 17 credits in English at Level 2 or 3. If students do not achieve these credits then they will be required to complete an English paper in their first year.



# University Approved Subjects

## **Accounting**

Agriculture and Horticulture

## **Biology**

## **Business Studies**

## **Chemistry**

Chinese (Second Language)

## **Classical Studies**

## **Construction and Mechanical Technology**

Cook Island Maori

## **Dance**

## **Design (Practical Art)**

## **Design and Visual Communication**

## **Digital Technologies**

## **Drama**

## **Economics**

## **English**

## **French (Second Language)**

## **Geography**

German (Second Language)

## **History**

History of Art

Indonesian

## **Japanese (Second Language)**

Korean (Second Language)

Latin

## **Mathematics with Calculus**

## **Media Studies**

## **Music**

## **Painting (Practical Art)**

## **Photography (Practical Art)**

## **Physical Education**

## **Physics**

Print Making (Practical Art)

## **Religious Education**

Samoan

## **Science**

## **Sculpture (Practical Art)**

Social Studies

Spanish (Second Language)

## **Statistics and Modelling**

Te Reo Rangatira or Te Reo Maori

## **Technology**

The Level 3 subjects in bold are provisionally scheduled to be taught at Sancta Maria College in 2020.

## Additional University Entry Requirements and Guaranteed Entry Scores

A number of university programmes have additional entry requirements, especially where admission is competitive or restricted (eg engineering and health science).

Applicants may be ranked by their best NCEA credits, short-listed and/or asked to attend an interview.

Some universities have also introduced a guaranteed rank score. If you meet a university's score, you are guaranteed admission into their degree programme. If you do not meet this score, you will go onto a waiting list for the programme you want, and may be offered a place depending on demand.

Criteria for the guaranteed rank score varies between universities, but is usually based on your best 80 credits in university approved subjects at Level 3 (or higher). Points are awarded based on your level of achievement - so you will earn more points for credits gained with excellence than for achieved credits. **This is in addition to University Entrance.**

Rank Score: Achieved (A) = 2 Points, Merit (M) = 3 Points, Excellence (E) = 4 Points. The final rank score total comes from the sum of the credit value multiplied by the grade value. Maximum = 320 points

The University of Auckland has a minimum of 150 points. Some of their degrees are higher.

English: They will also require 17 Level 2 or Level 3 credits in English. This will not impact on your acceptance - if you do not get these

credits you will be required to sit a paper in your first year. See the individual prospectus of each university you are considering. Increases may be made mid-year. The Careers Advisor will notify you of any changes.

## How to Calculate the Rank Score

### Example

AS90500	Describe and apply the conceptual basis of accounting in context	4	A Rank score = 8 pts (4 x 2 = 8)
AS90501	Process financial information for partnerships and companies	3	A Rank score = 6 pts (3 x 2 = 6)
AS90502	Process financial information for a manufacturing job cost subsystem	3	M Rank score = 9 pts (3 x 3 = 9)
AS90503	Prepare financial statements for partnerships and companies	6	M Rank score = 18 pts (6 x 3 = 18)
AS90504	Prepare a report that analyses and interprets a company's financial report for external users	5	E Rank score = 20 pts (5 x 4 = 20)
AS90505	Explain and prepare information for management decision making	3	E Rank score = 12 pts (3 x 4 = 12)

# Entry into a Polytechnic or Private Training Provider

Entry requirements for courses at Polytechnics and Private Training Providers differ depending on the type and level of study you are doing – for example, whether it is at certificate, diploma or degree level.

Some competitive diplomas or degrees have higher NCEA pre-requisites, industry specific pre-requisites, or require University Entrance. Check the institute websites for more details.

## Subject Choice Information for students

### Post-school education and training options

To make good subject choices you need to think about the next years at school and the education and training you might want to do after school. There are a range of options available.

#### Universities

- Mainly degree level
- Need UE to enter
- Lectures, labs, independent study
- Some distance education courses
- 8 in New Zealand
- High level of research activity
- Student support Services
- Fees: can get loans and allowances

#### Technical Institutes and Polytechnics

- Mainly certificate and diploma courses
- Some degree courses
- May provide bridging to degree courses
- Emphasis in student-focussed teaching
- Some distance education courses
- 25 in New Zealand
- Applied industry and vocational focus
- Programmes to meet local needs
- Student support services
- Fees: may be able to get loans and allowances

#### Private Training Establishments

- Tertiary qualifications
- Often in specialist trades
- May start at different times of the year
- Privately owned
- Mostly NZQA approved
- Fees: may be able to get loans and allowances

#### Industry Training Organisations (ITOs)

- National certificates and diplomas
- On-the-job training and off-job study
- ITOs set standards and monitor them
- Fees
- Other organisations may deliver the training
- Some linked to apprenticeships/traineeships

#### Training Opportunities Providers (TOPs)

- Unit standards and national certificates
- Restricted entry; strict entry requirements
- Build up skills to further training
- Government funded
- No fees; May get allow

# Star and Gateway Programmes

## Introduction for Parents and Students

*Both programmes listed below are offered through the Careers Department.*

### Gateway

Gateway is a school-based, government-funded programme for senior students. The key objective is to provide opportunities for senior students to participate in work-based learning with an employer and to gain industry and NCEA qualifications. It is all about students investigating and developing their vocational skills while still at school and to make learning relevant to ensure a smooth transition from school to work.

#### Work

The Gateway Coordinator liaises with employers within the local community to find suitable workplaces that match the students' interests. A working timetable is negotiated that suits all parties. This is usually during school hours but can in some cases also be during school holidays.

#### Study

A learning plan that fits in with the industry is designed. Students need to be self-motivated and study in their own time, outside of school hours. The unit standards are, where possible, selected at the student's year level. Gained credits count towards the students' overall NCEA record of learning.

Students wishing to participate have to commit to:

- Going to work for 10 days or 80 hours
- Completing Industry based Unit Standards
- Catching up on missed school work

#### School Curriculum

Students need to put strategies in place to catch up on missed school work while in the work place. These students may also be in the World of Work class which allows time for students to catch up on work missed.

#### Industries

Some of the more popular industries our students have selected are: hospitality, automotive, retail, tourism, fashion design, hairdressing, electrical and building. However there are many more industries that can be chose

**See Mrs Denise Munday, Gateway Coordinator for more information**

## Secondary Tertiary Alignment Resource (STAR)

This Government funded programme is aimed at assisting senior students find a suitable pathway into work or further study. STAR courses are commonly known as "taster" courses for an industry a student may find appealing as a career option. They are a fun and practical way of having a taste of the industry along with the opportunity

to gain NZQA unit standards. These are funded by STAR. Some typical courses that are available include animal care, tourism, beauty, and the trades . Please contact Mrs King in the Careers Centre for further information regarding short courses that students may attend.

## Vocational Pathways

In our Curriculum Guide, the majority of courses at level 2 have columns and codes relating to vocational pathways. The Vocational Pathways provide ways to structure and achieve NCEA Level 2, the foundation for successful transitions to further education and work. They enable students to see how their learning is relevant for a wide range of jobs and study options in six broad sectors of industry.



**We have used the first three letters of each Sector in our Curriculum Guide.  
Some Achievement Standards are identified in more than one industry.**

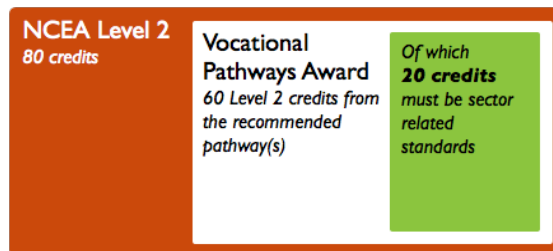
CRE= Creative Industries  
PRI= Primary Industries  
SER= Service Industries

SOC= Social Industries  
MAN=Manufacturing /Technology  
CON= Construction and Infrastructure

The Vocational Pathways have been developed through a partnership between industry and employer representatives, the industry training sector, secondary and tertiary education providers, and government agencies. Various Achievement and Unit Standards have been identified as either Recommended or Sector Related.

## Vocational Pathways Award

To receive a Vocational Pathways Award, students must first gain NCEA Level 2. To get a Vocational Pathways Award, 60 of the Level 2 credits must be from the Recommended Standards in one or more pathways, including 20 Level 2 credits from Sector Related Standards. Some Standards can be gained in more than one Sector.



The Vocational Paththways Award(s) will be awarded to students on their NZQA Record of Achievement. This will be a real advantage when they look for work and training opportunities in the sector.

## Vocational Pathways Resources

**Profile Builder** is a tool on the Youth Guarantee website that helps students explore study options and see where they are heading by inputting the achievement standards they are currently doing or might like to do. Visit: <http://youthguarantee.net.nz/vocational-pathways/profile-builder/>

The **Vocational Profile** can be viewed on the student's NZQA Record of Achievement. It will show any standards achieved, the progress students are making and where their strengths, interests or abilities are using the pathways. Visit: <http://www.nzqa.govt.nz/login/>

The Vocational Pathways can also be viewed in Kamar. Student Portal > Pathways.

For further details about Vocational Pathways visit:  
<http://youthguarantee.net.nz/vocational-pathways/students-and-whanau/>

## Level 2 Senior Subject Chart

Year 12 – Level 2	Code	Year 12 – Level 2	Code
Religious Education	12RED	Manukau Institute of Technology Trades Academy	12MIT
Art – Design	12ARD	Travel and Tourism	12TTM
Art – Photography	12APH	World of Work	12WOW
Art – Visual Art (Painting/Sculpture)	12ART	Secondary School Police Studies Pilot Programme	12PSP
Biology	12BIO	<b>Choose only one of the following</b>	
Chemistry	12CHE	Technology - Multi Materials	12THM
Commerce	12COM	Technology - Design and Visual Communication	12DVD
Drama	12DRA	Technology - Food and Hospitality	12FAH
Digital Technologies	12DTG	Technology - <b>Fashion and Design</b>	12FAD
Early Childhood Education	12ECE		
English – 12ENG	12ENG		
English Alternative –12ENA	12ENA		
English EAP – 12EAP	12EAP		
French	12FRE		
Geography	12GEO		
History	12HIS		
Japanese	12JPN		
Mathematics – 12MAT	12MAT		
Mathematics – 12MAS	12MAS		
Media Studies	12MED	<b>Total number of subjects at L2 = 7</b>	
Music	12MUS	3 compulsory	
Physical Education Studies	12PES	4 option choices	
Physical Education – Core	12PED	<b>Compulsory Subjects</b>	
Physics	12PHY	Religious Education	
Science	12SCI	1 English subject (ENG, ENA, EAP)	

# Level 3 Senior Subject Chart

Year 13 – Level 3	Code	Year 13 – Level 3	Code
Religious Education*	13RED	Media Studies*	13MED
Accounting *	13ACC	Music*	13MUS
Art – Design*	13ARD	Physical Education Studies*	13PES
Art – Painting*	13ARP	Physics *	13PHY
Art – Photography*	13APH	Science*	13SCI
Art – Sculpture*	13ASC	Manukau Institute of Technology Dual Pathways	13MIT
Biology *	13BIO	Travel and Tourism	13TTM
Business Studies*	13BUS	Secondary School Police Studies Pilot Programme	13PSP
Chemistry *	13CHE	<b>Choose only one of the following</b> <b>Code</b>	
Classical Studies *	13CLS	Technology - Design and Visual Communication*	13DVC
Digital Technologies*	13DTG	Technology - Fashion and Design*	13FAH
Drama*	13DRA	Technology* -Food and Hospitality*	13THM
Early Childhood Education	13ECE	Technology -Multi Materials*	13THM
Economics *	13ECO	<b>*University Approved</b>	
English*	13ENG		
English Alternative*	13ENA		
English EAP	13EAP		
French *	13FRE		
Geography*	13GEO		
History *	13HIS	<b>Total number of subjects at L3 = 6</b>	
Japanese*	13JPN	1 compulsory	
Mathematics - Calculus *	13MAC	5 option choices	
Mathematics -Statistics and Modelling *	13MAS	<b>Compulsory Subjects</b>	
		Religious Education	



## RELIGIOUS EDUCATION NCEA Level 2

### Prerequisite (What should I have already done?)

6 credits in Level 1 Religious Studies standards is a general minimum but students are promoted by cohort.

RE is a compulsory subject (3 periods per 5 day cycle)

### Who could tell me more?

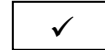
Mr. Tamayo HOD Religious Education

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed

### What will I learn?

Topics covered will include:

- Justice and Peace
- Religions of the World
- Loss, Death, Grief and Dying
- Theology and Morality
- Marriage and Commitment

### What are the course enhancement costs?

Retreat \$25

Digital online resource \$10

### This course leads to:

A greater understanding of our Catholic faith and the meaning behind the ritual and tradition.

AS	Domain	Title	Credits	Internal or External
AS90822	Understanding Religion	Explain how a contemporary social action derives from the ethical principles of a religious tradition	6	I
AS90823 v.3	Understanding Religion	Explain the key beliefs within two religious traditions in relation to a significant religious question.	6	I
AS91724 v.2	Understanding Religion	Explain a significant theme in a sacred text within a religious tradition.	6	I

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020**

## ART- Design NCEA Level 2

### Prerequisite (What should I have already done?)

Received a High Achieved in NCEA Level 1 External examination.

### Who could tell me more?

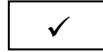
Ms Turner HOD Visual Art.

### This course is assessed using:

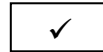


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

Students will learn how to generate and develop ideas using drawing, established practice, drawing materials, hand-made and digital processes and techniques, appropriate to Design.

### What are the course enhancement costs?

\$110. This includes \$30 printing credits. Take home folio boards and specialist materials. Local trips approx \$20 paid at the time of the event

### This course leads to:

NCEA Level 3 Design, Sculpture or Painting.

AS	Domain	Title	Credits	Internal or External
AS91310	Design	Use drawing methods to apply knowledge of conventions appropriate to design.	4	I
AS91320	Design	Produce a systematic body of work that shows understanding of art making conventions and ideas within Design	12	E

**AS = Achievement Standard**

This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.

## ART – VISUAL ARTS (Painting / Sculpture)

### NCEA Level 2

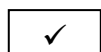
#### Prerequisite (What should I have already done?)

Received a High Achieved in NCEA Level 1 External examination.

#### Who could tell me more?

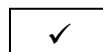
Ms Turner HOD Visual Art.

#### This course is assessed using:

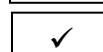


Achievement Standards

#### This course is:



Internally assessed



Externally assessed

#### What will I learn?

Students will learn how to generate and develop ideas using drawing methods, established practice, materials, processes and techniques appropriate to the discipline they are studying.

The disciplines studied in Level 2 Visual Arts are: Painting and Sculpture.

#### What are the course enhancement costs?

\$110. This includes \$30 printing credits, take home folio boards and specialist materials. Local trips approx \$20 paid at the time of the event.

#### This course leads to:

NCEA Level 3 Photography, Sculpture or Painting.

AS	Domain	Title	Credits	Internal or External
AS91314 AS91311	Sculpture/ Painting	Use drawing methods to apply knowledge of conventions appropriate to sculpture/painting.	4	I
AS91321 AS91324	Painting/ Sculpture	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting/ sculpture	12	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## ART - PHOTOGRAPHY

### NCEA Level 2

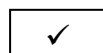
#### Prerequisite (What should I have already done?)

Received Achieved or higher in Level 1 English External examination or/and Level 1 Art External examination and received at least a High Achieved.

#### Who could tell me more?

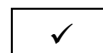
Ms Turner HOD Visual Art

#### This course is assessed using:

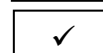


Achievement Standards

#### This course is:



Internally assessed



Externally assessed

#### What will I learn?

Students will research methods and techniques, processes and procedures in photographic practice.

#### What are the course enhancement costs?

\$200.00 This includes \$30 printing credits, \$30 hire for DSLR use, take home folio boards and specialist materials. Local trips approx \$20 paid at the time of the event

#### This course leads to:

NCEA Level 3 Photography.  
NCEA Level 3 Sculpture

AS	Domain	Title	Credits	Internal or External
AS91307	Photography	Demonstrate an understanding of methods and ideas from established practice appropriate to photography	4	I
AS91312	Photography	Use drawing methods to apply knowledge of conventions appropriate to photography.	4	I
AS91325	Photography	Develop ideas in a related series of drawings appropriate to established photography practice	4	I
AS91325	Photography	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	4	I

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## BIOLOGY

### NCEA Level 2

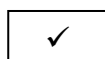
#### Prerequisite (What should I have already done?)

- Level 1 Science – attained a Merit grade in the Biology external standard (Demonstrate understanding of biological ideas relating to genetic variation) as well as an achieved in the other two external standards
- Level 1 English 10 external credits

#### Who could tell me more?

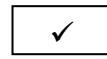
Mr Williamson HOD Science, Dr Laux

#### This course is assessed using:

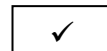


Achievement Standards

#### This course is:



Internally assessed



Externally assessed

#### What will I learn?

- Practical investigation
- Analysing information presented to the public
- Cell structure and function
- Genetic variation and change

#### What are the course enhancement costs?

Take home workbook approx. \$45 – ordered through Office Max online  
Fieldtrip cost: Tiritiri Matangi Island approx \$60

#### This course leads to:

NCEA Level 3 Biology  
NCEA Level 3 Science

AS	Domain	Title	Credits	Internal or External
AS91153 (NUM)	Biology	Carry out a practical investigation in a biology context, with supervision.	4	I
AS91154 (L1 Lit)	Biology	Analyse the biological validity of information presented to the public.	3	I
AS91155 (L1 Lit)	Biology	Demonstrate understanding of plants or animals to their way of life	3	I
AS91156 (L1 Lit)	Biology	Demonstrate understanding of life processes at the cellular level.	4	E
AS91157 (L1 Lit)	Biology	Demonstrate understanding of genetic variation and change.	4	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## CHEMISTRY NCEA Level 2

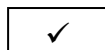
### Prerequisite (What should I have already done?)

Level 1 Science – attained a minimum of a Merit grade in the external Chemistry paper as well as a minimum of Achieved in the other two external Standards

### Who could tell me more?

Mrs Singh, Mrs Mohammed, Mr Williamson HOD Science

### This course is assessed using:

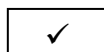


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- Atomic structure and bonding
- Quantitative analysis
- Organic Chemistry
- Thermochemistry
- Acid – Base reactions and how they behave
- REDOX reactions

### What are the course enhancement costs?

Take home workbook approx. \$45 – ordered through Office Max online  
Lab coat approx. \$40 (optional)

### This course leads to:

NCEA Level 3 Chemistry  
NCEA Level 3 Science

AS	Domain	Title	Credits	Internal or External
AS91910	Chemistry	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis	4	I
AS91167	Chemistry	Demonstrate understanding of oxidation-reduction (Optional)	3	I
AS91164 (L1 Lit)	Chemistry	Describe understanding of the nature of bonding, structure and enthalpy.	5	E
AS91165 (L1 Lit)	Chemistry	Demonstrate understanding of the properties of selected organic compounds.	4	E
AS91166 (L1 Lit)	Chemistry	Describe understanding of equilibrium systems.	4	E
AS = Achievement Standard				
This is only an indication of the assessments that may be covered in the course. Final details will be given at the beginning of 2020.				

## COMMERCE NCEA Level 2

### Prerequisite (What should I have already done?)

Commerce Level 1 – 14 credits achieved

### Who could tell me more?

Mr Rogers HOD Commerce

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- Process financial information and prepare financial statements for a business
- Analyse New Zealand's international trade and economic growth
- How to conduct market research for a new or existing product

### What are the course enhancement cost?

NIL

### This course leads to:

NCEA Level 3 Accounting  
NCEA Level 3 Economics  
NCEA Level 3 Business Studies  
Commerce related tertiary courses

AS	Domain	Title	Credits	Internal or External
AS91175	Accounting	Demonstrate understanding of accounting processing using accounting software	4	I
AS91176	Accounting	Prepare financial information for an entity that operates accounting subsystems.	5	E
AS91224 (UE Lit W)	Economics	Analyse economic growth using economic concepts and models.	4	E
AS90846	Business Studies	Conduct market research for a new or existing product	3	I

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## DIGITAL TECHNOLOGIES NCEA Level 2

### Prerequisite (What should I have already done?)

At least 12 credits in Level 1 Digital Technologies

### Who could tell me more?

Mr Glasse HOD Digital Technologies

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

This course is designed to help students develop advanced skills in programming, web development and multimedia software including Photoshop. Throughout the year students will identify needs and opportunities that will allow them to develop and create original designs and products.

### What are the course enhancement costs?

Nil

### This course leads to:

Year 13 Digital Technologies

AS	Domain	Title	Credits	Internal or External
AS91897	Digital Technologies	Use advanced processes to develop a digital technologies outcome	6	I
AS91893	Digital Technologies	Use advanced techniques to develop a digital media outcome	4	I
AS91896	Digital Technologies	Use advanced programming techniques to develop a computer program	6	I
AS91899	Digital Technologies	Present a summary of developing a digital outcome	3	E
AS = Achievement Standard				
<p style="text-align: center;">This is only an indication of the assessments that may be covered in the course. Final details will be given at the beginning of 2020.</p>				



## DRAMA NCEA Level 2

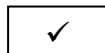
### Prerequisite (What should I have already done?)

Level 1 Drama or approval granted by Drama HOD

### Who could tell me more?

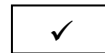
Mrs Oliver HOD Drama / NZQA Website

### This course is assessed using:

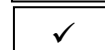


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- Drama techniques, elements, conventions and processes
- Structure, record and perform devised drama
- Reviewing and evaluation of performance
- NB: Students will choose between AS 91218 and AS 91221 [they will not do both]

### What are the course enhancement costs?

- \$120.00 (costume hire, theatre hire, props, lighting hire etc)
- Theatre Shows & related costs, ie transport. Approx. \$25 p/show

### This course leads to:

NCEA Level 3 Drama

AS	Domain	Title	Credits	Internal or External
AS91214	Drama Creation	Devise and perform a drama to realise an intention.	5	I
AS91216 (UE Lit R)	Drama Creation	Perform features of a complex drama/ theatre form or period.	4	I
AS91218 (UE Lit R)	Drama Performance	Perform a substantial acting role in a scripted production.	5	I
AS 91219 (UE Lit W)	Drama Studies	Discuss drama elements, techniques, conventions and technologies within live performance.	4	E

**AS = Achievement Standard**

This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.

## 12ECE – Early Childhood Education NCEA Level 2

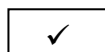
### Prerequisite (What should I have already done?)

A genuine interest in working with young children and babies.

### Who could tell me more?

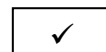
Mrs Rogers HOD Careers, Mrs Munday Gateway Coordinator

### This course is assessed using:

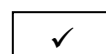


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- This course will give students an introduction to education and care of young children in early childhood education settings.
- Level 3 NZQA Unit Standards, which contribute to their NCEA qualification ( approx. 18 credits)
- The course will prepare students to advance to higher level early childhood education and care. Students studying this course will also have the opportunity to pathway on to tertiary study, in addition to being better prepared for higher level learning such as the Bachelor of Education (Early Childhood Teaching).

### What are the course enhancement costs?

Gateway/STAR funded

### This course leads to:

- MIT Foundation Course: Preparation for Early Childhood Education
- MIT Bachelor of Education (Early Childhood Teaching)
- MIT Diploma of Teaching (Early Childhood Education)
- Level 3 Early Childhood Education

AS	Domain	Title	Credits	Internal or External
US29852	ECE	Demonstrate basic need and nutrition that support young children's wellbeing and development	4	I
US29856	ECE	Describe and demonstrate care practices for infants and toddlers	2	I
US29853	ECE	Demonstrate health issues and services to protect and enhance the wellbeing of young children	3	I
US29857	ECE	Describe patterns and development and learning for young children	5	I
US29859	ECE	Describe values and beliefs that inform own personal approach to the learning and care of young children	4	I

**US = Unit Standard; ECE = Early Childhood Education**

**This is only a sample of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## ENGLISH – 12ENG

### NCEA Level 2

#### Prerequisite (What should I have already done?)

At least 14 credits in Level 1 English (including at least ONE external)

#### Who could tell me more?

Ms Carol Du-Blom, Acting HOD English or your English teacher

#### This course is assessed using:

☒

Achievement Standards

#### This course is:

☒

Internally assessed

☒

Externally assessed

#### What will I learn?

- How to write creative and formal pieces, as well as analytical essays.
- How to study and appreciate works of literature.
- How to deliver an oral presentation to an audience
- How to read and create visual text

#### What are the course enhancement costs?

Take home workbook ordered from Office Max online approx. \$19  
Optional Theatre trip \$25

#### This course leads to:

NCEA Level 3 English

AS	Domain	Title	Credits	Internal or External
AS91098 (UE Lit R/W)	English	Analyse specified aspect of a studied written text	4	E
AS91100 (UE Lit R/W)	English	Analyse specified aspect of unfamiliar written texts through close reading	4	E
AS91101 (UE Lit W)	English	Produce a selection of crafted and controlled writing.	6	I
AS91104	English	Analyse significant connections across texts	4	I
AS91106 (UE Lit R)	English	Form developed personal responses to independently read texts, supported by evidence	4	I

**AS = Achievement Standard**

This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.

## ENGLISH ALTERNATIVE – 12ENA

### NCEA Level 2

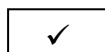
#### Prerequisite (What should I have already done?)

At least 12 credits in Level 1 English.

#### Who could tell me more?

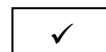
Ms Carol Du-Blom, Acting HOD English or your English teacher

#### This course is assessed using:

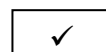


Achievement Standards

#### This course is:



Internally assessed



Externally assessed

#### What will I learn?

- How to write creative and formal pieces, as well as analytical essays.
- How to study and appreciate works of literature.
- How to complete an inquiry and present conclusions based on your investigation
- How to deliver an oral presentation to an audience

#### What are the course enhancement costs?

Nil

#### This course leads to:

NCEA Level 3 English Alternative  
13ENA

AS	Domain	Title	Credits	Internal or External
AS91098 (UE Lit R/W)	English	Analyse specified aspect of a studied written text	4	E
AS91101 (UE Lit W)	English	Produce a selection of crafted and controlled writing.	6	I
AS91102	English	Construct and deliver a crafted and controlled oral text.	3	I
AS91104	English	Analyse significant connections across texts	4	I
AS91106 (UE Lit R)	English	Form developed personal responses to independently read texts, supported by evidence	4	I

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

# ENGLISH FOR ACADEMIC PURPOSES – 12EAP

## NCEA Level 1 and 2

### Who is this course for?

This course is for students who are still learning English. These will be students who have moved to New Zealand in the past few years, International Students, or students who speak a different first language at home.

### Who could tell me more?

Rachel Price (HOD)

### This course is assessed using:

☒

Unit Standards

☒

Achievement Standards

### This course is:

☒

Internally assessed

☒

Externally assessed

### What will I learn?

12EAP is the first year in a two year course in which students will work towards gaining UE literacy.

The four domains of the English language (Listening, Speaking, Reading, and Writing) will be embedded into the programme, giving students the chance to grow and develop in each. Vocabulary extension will also be a focus area through AS31006.

Research tasks are included, as the skills involved are extremely important for being able to read, write and present successfully in an academic context.

English Language Unit Standards at NCEA Level 3 will be used as a stepping stone into English NCEA Level 1 or 2 Achievement Standards. The standards shown below are the ones that will be completed this year. As well, students will begin working on the skills required for their Level 2 Writing Portfolios.

### What are the course enhancement costs?

Nil

### This course leads to:

This is the first year of a two-year course. Students will continue into 13EAP.

US / AS	Domain	Title	Credits	Internal or External
US31006 (Level 3)	English Language	Read and understand a range of straightforward written texts independently.	5	I
US28070 (Level 3)	English Language	Write a response for a specific purpose	5	I
AS 90853 (L1 Lit)	English	Use information literacy skills to form conclusion(s)	4	I
AS 91098 (UE Lit R/W)	English	Analyse specified aspect(s) of studied written texts, supported by evidence.	4	E

**US=Unit Standard; AS Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

# FRENCH

## NCEA Level 2

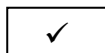
### Prerequisite (What should I have already done?)

French Level 1 or equivalent

### Who could tell me more?

Mrs Founé Acting HOD French

### This course is assessed using:

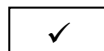


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

**Through the skills of listening, speaking, reading and writing, you will learn:**

- To become personally independent in a French-speaking country by doing such things as:
  - talking about your relationships
  - talking about your future plans
  - listening to French music, watching French movies
  - giving advice to others
  - giving your opinion on a wide range of topics
  - discussing latest trends in France
- More about French-speaking countries around the world

### What are the course enhancement costs?

French Dinner Excursion – approx. \$30.00  
Education enhancement online resource \$20

### This course leads to:

NCEA Level 3 French  
French Exchange Trips

AS	Domain	Title	Credits	Internal or External
AS91118	French	Demonstrate understanding of a variety of spoken French texts.	5	E
AS91119	French	Interact using spoken French.	5	I
AS91121	French	Demonstrate understanding of a variety of written/visual French texts.	5	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## Geography NCEA Level 2

### Prerequisite (What should I have already done?)

Students who have completed Level 1 Geography.

Students can enter Level 2 Geography without completing the Level 1 course, at the discretion of the Geography teacher, who will take into consideration their other Level 1 results (e.g. Maths, English and Science)

### Who could tell me more?

Miss Bradley - TiC Geography / Mrs Stevens / Ms Redwood – HOD Social Sciences

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

Geography gives students a holistic view of the world, combining knowledge, skills, and understandings of the physical and natural world. It fosters a curiosity about space and provokes questions about natural and cultural environments and their interconnectedness.

Geography provides opportunities through fieldwork for first-hand investigations of environments and human activities. It helps students make sense of complex issues such as urban growth, land conflicts, globalisation, and sustainability.

The Year 12 Geography programme covers:

- How a natural landscape is created and how it develops and evolves.
- An understanding of selected geographic issues of local and global significance.
- How to apply a range of geographic skills and techniques, including research skills.

### What are the course enhancement costs?

A field trip will be undertaken. The cost will be in the vicinity of \$250 per student. Cost of fieldtrip must be paid in full prior to the date of the trip.

### This course leads to:

NCEA Level 3 Geography, though each year of Geography is designed so that you can pick it up at any level.

AS	Domain	Title	Credits	Internal or External
AS91240 (UE Lit R/W)	Geography	Demonstrate geographic understanding of a large natural environment	4	E
AS91244	Geography	Conduct geographic research with guidance.	5	I
AS91245	Geography	Explain aspects of a contemporary New Zealand geographic issue.	3	I
AS91246	Geography	Explain aspects of a geographic topic at a global scale.	3	I
AS91242	Geography	Apply geography concepts and skills to demonstrate understanding of a given environment.	4	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## HISTORY NCEA Level 2

### Prerequisite (What should I have already done?)

Level 1 History or at least **16** Level 1 Literacy credits

### Who could tell me more?

Ms Redwood – HOD Social Sciences / Mrs Stickland

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- The Waikato War 1863-64
- The Russian Revolution of 1918, and the impact of Communism on the 20<sup>th</sup> century world.
- The Vietnam War of the 1960s
- The influence and significance of selected parts of these events on New Zealanders

### What are the course enhancement costs?

Day trip to Waikato \$60 to observe battle sites. Cost of fieldtrip must be paid in full prior to date of trip.

### This course leads to:

Level 3 History

AS	Domain	Title	Credits	Internal or External
AS91230 (UE Lit R)	History	Examine an historical event, or place, of significance to New Zealanders.	5	I
AS91232 (UE Lit R)	History	Interpret different perspectives of people in an historical event of significance to New Zealanders.	5	I
AS91233 (UE Lit R/W)	History	Examine causes and consequences of a significant historical event.	5	E
<b>STANDARD AVAILABLE FOR STUDENTS AT RISK OR needed for university course</b> <b><u>MUST MEET BELOW CRITERIA</u></b> 1. Only if time available in teaching and learning Programme – teacher decision 2. If student has failed one of the above standards				
AS91234 (UE Lit R)	History	Examine sources of a significant historical event that is of significance to New Zealanders.	4	E
<b>This is only an indication of the assessments that may be covered in the course.</b> <b>Final details will be given at the beginning of 2020.</b>				



# JAPANESE

## NCEA Level 2

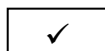
### Prerequisite:

Gaining 15 Achieved Credits in NCEA Level 1 Japanese or equivalent

### Who could tell me more?

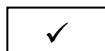
Mrs Kevern HOD Languages (Japanese)

### This course is assessed using:

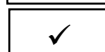


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

In a wide range of everyday situations (such as family, school, leisure, eating & drinking and so on) through person-to-person interactions; social media platforms and digital tools:

- You will explore a range of linguistic skills in Japanese that will allow you to compare and contrast people, places and things; to offer and respond to advice, reasons, warning and suggestions; to express and respond to approval and disapproval, agreement and disagreement; to describe opinions; to report information in an interactive, logical and fluent manner.
- Read about and recount actual or imagined events in the past. You will explore your understanding of contemporary Japanese life and show awareness of current attitudes and values.

### What are the course enhancement costs

Education enhancement online resource \$20  
Take home workbook \$35  
ALC Certificate 2 Japanese \$14

### This course leads to:

NCEA Level 3 Japanese  
Assessment Language Competency Japanese Certificate 3  
Japanese Language Proficiency Test Level 4

There may be an opportunity to be involved in a Sancta Maria College Study Tour/Short Term (Summer Holiday) and Reciprocal Exchange (*Student must be a student of Japanese during the Study Tour year or Exchange Year.*)

AS	Domain	Title	Credits	Internal or External
AS 91133	Japanese	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters.	5	E
AS 91135	Japanese	Give a spoken presentation in Japanese that communicates information, ideas and opinions.	4	I
AS 91136	Japanese	Demonstrate understanding of a variety of written/visual Japanese text(s) on familiar matters.	5	E
AS 91137	Japanese	Write a variety of text types in Japanese for genuine contexts.	5	I

**AS = Achievement Standard**

This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.

# MATHEMATICS – 12MAT

## NCEA Level 2

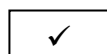
### Prerequisite (What should I have already done?)

Minimum requirements are, at least 10 credits at Merit in Mathematics NCEA Level 1, Merit in AS91027 (MCAT) and Merit in AS91028 (Tables, Equations and Graphs). The Level 1 Mathematics teacher will be consulted on work ethic and ability to cope with abstract concepts.

### Who could tell me more?

Mrs Williams/Mr Ardern HOD Mathematics

### This course is assessed using:

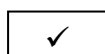


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- Algebra
- Non-Linear graphs
- Trigonometry
- Probability
- Calculus Problem Solving

### What are the course enhancement costs?

Take home external examination revision booklets \$5  
Education enhancement online learning resource \$20  
Take home workbooks approximately \$25

### This course leads to:

NCEA Level 3 Statistics and Modelling or  
Mathematics with Calculus.

AS	Domain	Title	Credits	Internal or External
AS91257 (L1 Num)	Algebra	Apply graphical methods in solving problems.	4	I
AS91259 (L1 Num)	Trigonometry	Apply trigonometric relationships in solving problems.	3	I
AS91261 (L1 Num)	Algebra	Apply algebraic methods in solving problems.	4	E
AS91262 (L1 Num)	Calculus	Apply calculus methods in solving problems.	5	E
AS91267 (L1 Num, L1 Lit)	Probability	Apply probability methods in solving problems.	4	E

**AS = Achievement Standard**

This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.

## MATHEMATICS – 12MAS

### NCEA Level 2

**Prerequisite (What should I have already done?)**

Student has gained at least 14 credits at Level 1 and shown proficiency in L1 statistics standards.

**Who could tell me more?**

Mrs Williams/Mr Arden HOD Mathematics

**This course is assessed using:**

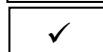


Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

- Networks
- Statistics
- Probability

**What are the course enhancement costs?**

Take home external examination revision booklets \$5  
Education enhancement StatsLC online learning resource \$10  
Take home workbooks approximately \$25

**This course leads to:**

Students can go on to do NCEA Level 3 Statistics and Modelling, once they have completed a bridging course or gained at least 10 credits at Merit in Level 1 Mathematics.

AS	Domain	Title	Credits	Internal or External
AS91268 (L1 Num, L2 Lit)	Statistics	Investigate a situation involving elements of chance using a simulation	2	I
AS91260(L1 Num)	Probability	Use networks in solving problems.	2	I
AS91264 (L1 Num, L2 Lit)	Statistics	Use statistical methods to make an inference.	4	I
AS91265 (L1 Num, L2 Lit)	Statistics	Conduct an experiment.	3	I
AS91263 (L1 Num, L2 Lit)	Mathematics	Design a Questionnaire	3	I
AS91267 (L1 Num, L2 Lit)	Probability	Apply probability methods in solving problems.	4	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## MEDIA STUDIES – 12MED

### NCEA Level 2

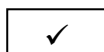
#### Prerequisite (What should I have already done?)

Gained 14 credits in Level 1 English including at least 4 credits from External Examinations

#### Who could tell me more?

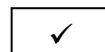
Ms Du-Blom (Acting HOD English/Media) Mrs Chris Sullivan, or Mr Green

#### This course is assessed using:

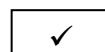


Achievement Standards

#### This course is:



Internally assessed



Externally assessed

#### What will I learn?

- How media is constructed and understand its effects on society
- How the media represents and/or misrepresents groups in society
- Skills in the practical handling of technology used in the mass media
- An appreciation of various aspects of media

#### What are the course enhancement costs?

Take home SD cards \$15

Students will also require: USB memory stick

#### This course leads to:

NCEA Level 3 Media Studies

AS	Domain	Title	Credits	Internal or External
AS91250	Media Studies	Demonstrate understanding of representation in media texts.	4	I
AS91251 (UE Lit)	Media Studies	Demonstrate understanding of a media genre.	4	E
AS91252	Media Studies	Design and plan a media product.	4	I
AS91253	Media Studies	Complete a developed media product.	6	I

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## MUSIC NCEA Level 2

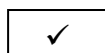
### Prerequisite (What should I have already done?)

You should have been learning the same instrument or singing for a minimum of 3 years (either through the Itinerant Music Scheme or outside school) and have taken Level 1 Music or have Grade 3 Music Theory (ABRSM or Trinity/Guildhall) and approval by the Head of Music. This course includes both practical music and music theory. You will be required to read music and perform in front of an audience, as a soloist and in a group. An individual programme of learning will be agreed with the HOD Music which may include other assessment standards not listed below.

### Who could tell me more?

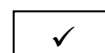
Mr Gibbs HOD Music

### This course is assessed using:

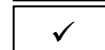


Achievement and Unit Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- How to improve your performance as a soloist and in a group
- Write an instrumentation.
- How to analyse music whilst taking into account its context in the history of Music.
- Score reading and aural transcription
- How to use music technology and sound enhancement techniques.

### What are the course enhancement costs?

\$150 which includes take home music scores, co-curricular instrumental hire and take home materials, co-curricular ensemble concert participations (a requirement is that students are in at least one of the college's music groups)

### This course leads to:

NCEA Level 3 Music

**Whilst the external is compulsory, the other standards can be chosen to best suit the student**

AS	Domain	Title	Credits	Internal or External
AS91270 Version 2	Making Music	Perform two substantial pieces of music as a featured soloist.	6	I
AS91271 Version 2	Making Music	Compose two substantial pieces of music.	6	I
AS91272 Version 2	Making Music	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	4	I
AS91273 Version 1	Music Studies	Devise an instrumentation for an ensemble	4	I
AS91274 Version 2	Making Music	Perform a substantial piece of music as a featured soloist on a second instrument	3	I
AS91276 Version 2	Music Studies	Demonstrate knowledge of conventions in a range of music scores.	4	E

**AS = Achievement Standard; US = Unit Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

# PHYSICAL EDUCATION STUDIES ( PHYSICAL EXERCISE SCIENCE )

## NCEA Level 2

### Prerequisite (What should I have already done?)

15 credits at Level 1. Must have achieved 1.2 AS90963 - "Demonstrate understanding of the function of the body as it relates to the performance of physical activity."

HOD Discretion

### Who could tell me more?

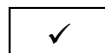
Mr Bacon, HOD Health and Physical Education  
Mr Camp

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed

### What will I learn?

- Anatomy and biomechanics to improve sporting performance
- How to write a training programme, methods and principles of training
- Skill-learning principles and psychological skills in relation to physical activity
- Complete a snorkelling assessment & performance in Touch Rugby
- Investigate the sociological significance of a sporting event, physical activity or festival
- Participate in outdoor education / camp demonstrating and applying knowledge of safety issues

### What are the course enhancement costs?

\$350.00 This cost covers camp, physical activities, transport, facilities and coaching fees.

### This course leads to:

Level 3 NCEA courses in Physical Education and careers in health science, fitness, recreation, sporting or outdoor pursuits.

AS	Domain	Title	Credits	Internal or External
AS91328	Physical Education	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.	5	I
AS91329	Physical Education	Demonstrate understanding of the application of biophysical principles to training for physical activity.	4	I
AS91330	Physical Education	Perform a physical activity in an applied setting.	4	I
AS91333	Physical Education	Demonstrate knowledge of safety issues and apply safety management procedures in a physical activity.	3	I

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.**

**Final details will be given at the beginning of 2020.**

**STANDARD AVAILABLE FOR STUDENTS AT RISK – MUST MEET BELOW CRITERIA**

**1. Only if time available in teaching and learning Programme – HOD or TIC Decision**

**2. If student has failed one of the above standards**

AS91331	Physical Education	Examine the significance for self, others and society of a sporting event, a physical activity or a festival.	4	I
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## PHYSICAL EDUCATION - CORE NCEA Level 2

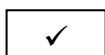
### Prerequisite (What should I have already done?)

Level 1 Core Physical Education

### Who could tell me more?

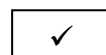
Mr Bacon HOD Physical Education and Health and Teacher in charge of Year 12 Core

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed

### What will I learn?

- Demonstrate physical skills; examine and experience roles in a team sport; demonstrate responsible practices in a competitive team sport situation; review the personal participation experience in a competitive team sport situation; and investigate the participation opportunities that exist in the local community for a chosen team sport.
- Community involvement: I will learn that my actions can affect others. I will make a positive contribution to my community by being socially responsible in a variety of learning opportunities

### What are the course enhancement costs?

\$60.00 (This covers Jump, ice skating, inflatable world and transport to and from venues) and student workbook

### This course leads to:

A healthy lifestyle, giving back to the community using a range of social responsibility skills, possible careers in health science, fitness, recreation, sporting or outdoor pursuits.

AS	Domain	Title	Credits	Internal or External
AS91332	Physical Education	Evaluate leadership strategies that contribute to the effective functioning of a group.	4	I
AS91334	Physical Education	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity.	3	I

**AS = Achievement Standards**

**This is only an indication of the assessments that may be covered in this course.  
Final details will be given at the beginning of 2020.**

## PHYSICS NCEA Level 2

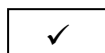
### Prerequisite (What should I have already done?)

Level 1 Science – a Merit grade in the Mechanics paper and an Achieved grade in the other external standards. You should be studying Level 2 Mathematics and have gained at least 14 credits in Level 1 Achievement Standard Mathematics

### Who could tell me more?

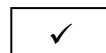
Mr Johnson, Mr Mckie, Mr Williamson HOD Science

### This course is assessed using:

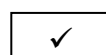


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

Topics covered:

- Waves – Light
- Mechanics – acceleration, velocity
- Radioactivity and atoms
- Electricity and electromagnetism

### What are the course enhancement costs?

Take home workbook approx. \$30 – ordered through Office Max online

### This course leads to:

NCEA Level 3 Physics  
NCEA Level 3 Science

AS	Domain	Title	Credits	Internal or External
AS91170 (NUM L1 Lit)	Physics	Demonstrate understanding of waves.	4	E
AS91171 (NUM L1 Lit)	Physics	Demonstrate understanding of mechanics.	6	E
AS91173 (NUM L1 Lit)	Physics	Demonstrate understanding of electricity and electromagnetism.	6	E
AS 91172 (L1 Lit)	Physics	Demonstrate understanding of atomic and nuclear physics	3	I

**AS = Achievement Standard**

This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.



## SCIENCE NCEA Level 2

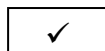
### Prerequisite (What should I have already done?)

A minimum of 12 credits in a Year 11 Science course

### Who could tell me more?

Mr Johnson, Mr Williamson HOD Science

### This course is assessed using:

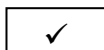


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- To develop a plan for a personal action that contributes to a sustainable future and how to draw conclusions on its success.
- To observe and collect primary data to identify ions in solution
- To identify rocks, describe processes that have formed the rocks (plate tectonics and the rock cycle) and describe erosional processes that have shaped current landforms in Auckland.
- Causes of extreme Earth events in terms of processes occurring in the geosphere, hydrosphere, biosphere and/or atmosphere (volcanoes, earthquakes and tsunamis)

### What are the course enhancement costs?

\$35 Take home workbook (estimated)

\$100 Fieldtrip (estimated)

### This course leads to:

Level 3 Science

AS	Domain	Title	Credits	Internal or External
90810	Education for sustainability	Undertake a personal action, with reflection, that contributes to a sustainable future	6	I
91162	Chemistry	Carry out procedures to identify ions in solution	3	I
91189	Earth and Space Science	Investigate geological processes in a New Zealand locality	4	I
91191	Earth and Space Science	Demonstrate understanding of the causes of extreme Earth events in New Zealand	4	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## 12MIT –TRADES ACADEMY NCEA Level 2

### Prerequisite (What should I have already done?)

To have a genuine interest in learning more about a trade or one of the other career pathways below. This is offered by Manukau Institute of Technology.  
Students must have a careers interview with Mrs Rogers before committing to this programme.

### Who could tell me more?

Mrs Lucy Rogers HOD Careers

The year 12 students enrolled in the Trades Academy Programme will attend Manukau Institute of Technology **one day per week** for the year.

*At year 12 It is possible to explore the Trades and other career pathways without committing to The Trades Academy. See Mrs Rogers.*

### This course is assessed using:



Unit Standards

### This course is:



Internally assessed

### Courses offered in 2019: (yet to be confirmed for 2020)

- Automotive Engineering
- Building (full year course)
- Building and Electrical
- Building and Plumbing
- Early Childhood Education
- Engineering and Computer Aided Design
- Engineering and Refrigeration Air Conditioning
- Hospitality
- Logistics
- Primary Industries
- Refinishing
- Tourism, Retail and Business Administration
- Trades for Girls

**Approximately 20-30 level 2 unit standard credits per course. Each course above is for the whole year. For more detailed information about the standards see Mrs Rogers.**

### What are the course enhancement costs?

There is no cost involved. Funded by the Ministry of Education.

### This course leads to:

Tertiary opportunities in a particular trade or area

**US = Unit Standards**

## 12 World of Work NCEA Level 2

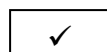
### Prerequisite (What should I have already done?)

Completed Year 11. Completed a career planning interview.

### Who could tell me more?

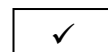
Mrs Rogers HOD of Careers

### This course is assessed using:



Unit Standards

### This course is:



Internally assessed

### What will I learn?

This is a flexible subject that will involve students' participating in either work based learning as part of the **Gateway Programme** and/or career based taster courses funded by **STAR** (see full details at front of curriculum guide). Additional unit standards will be provided to prepare students for the world of work. Students involved with the year 12 Trades Academy courses at Manakau Institute of technology will be enrolled in this course.

### What are the course enhancement costs?

The STAR and Gateway Programmes are Government/school funded; however some parental assistance with transport might be required.

### This course leads to:

Students being able to make an informed choice about their future career based on first-hand experience.

US	Domain	Title	Credits	Internal or External
12349	Self-management	Demonstrate knowledge of time management	3	
4252	Work and study skills	Produce a targeted CV (Curriculum Vitae)	2	
4253	Work and study skills	Demonstrate knowledge of job search skills	3	
4251	Work and study skills	Plan a career pathway	2	
17593	Occupational H&S Practice	Apply safe work practice in the workplace	4	
12383	Work and study skills	Explore career options and their implications	2	
<b>US = Achievement Standard</b>				
<b>This is only an indication of the assessments that may be covered in the course. Final details will be given at the beginning of 2020.</b>				

## TRAVEL AND TOURISM NCEA Level 2

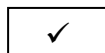
### Prerequisite (What should I have already done?)

Entry to this subject is at the discretion of the HOD Social Sciences. Literacy requirements of Level 1 NCEA are a minimum.

### Who could tell me more?

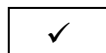
Ms Redwood - HOD Social Sciences / Mrs Vickers / Ms Bradley

### This course is assessed using:



Unit Standards

### This course is:



Internally assessed

### What will I learn?

Students look at the essential skills and knowledge needed for the travel and tourism industry.

### What are the course enhancement costs?

N/A

### This course leads to:

The National Certificate in Tourism Introductory Skills qualification over Level 2 and 3. This is a nationally recognised certificate that provides direct links to tertiary training institutions.

AS	Domain	Title	Credits	Internal or External
US18237	Visitor Services	Perform calculations for a tourism workplace.	3	I
US23761	Visitor Services	Read and comprehend work-related documents in English for a tourism workplace.	3	I
US23767	Visitor Services	Demonstrate knowledge of and use the Internet in a tourism workplace.	2	I
US24728	Visitor Services	Demonstrate knowledge of work roles in tourism.	3	I
US24729	Visitor Services	Demonstrate knowledge of world tourist destinations.	4	I
US24730	Visitor Services	Demonstrate knowledge of the business of tourism.	4	I
US24731	Visitor Services	Demonstrate knowledge of destination New Zealand.	4	I
US24732	Visitor Services	Demonstrate knowledge of tourist characteristics and needs.	3	I

**US = Unit Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020.**

## TECHNOLOGY - MULTI MATERIALS TECHNOLOGY

### NCEA Level 2

#### Prerequisite (What should I have already done?)

- NCEA Level 1 Multi-Materials
- Understanding of the Design Process and Portfolio documentation.

#### Who could tell me more?

Mrs Rehu and Mr Gray

#### This course is assessed using:

☒

Achievement Standards

☐

Unit Standards

#### This course is:

☒

Internally assessed

☒

Externally assessed

#### What will I learn?

- Construction techniques
- Problem solving and planning skills
- Freehand sketching and technical drawing skills
- Applying the design process in developing a technological solution
- Practical skills in the use of hand tools and machinery
- Safe workshop and industrial practice
- Portfolio presentation

#### What are the course enhancement costs?

\$80 which includes take home components used for modelling, testing and trialling. Product development and construction.

**Note:** Students can choose standards up to 18 credits maximum.  
1 external standard must be included.

#### This course leads to:

- NCEA Level 3 Multi Materials Technology
- Building and Construction
- Furniture design and assembly
- Engineering

AS	Domain	Title	Credits	Internal or External
AS91355 2.2	Generic Technology	Select and use planning tools to manage the development of an outcome	4	I
AS91357	Generic Technology	Undertake effective development to make and trial a prototype	6	I
AS91344 2.20	Technology - General Education	Implement advanced procedures using resistant materials to make a specified product with special features	6	I
AS91359 2.6	Generic Technology	Demonstrate understanding of the role of material evaluation in product development	4	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
'Final details will be given at the beginning of 2020.**

## TECHNOLOGY – 12DVC – Design and Visual Communication (Graphics) NCEA Level 2

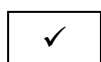
**Prerequisite (What should I have already done?)**

NCEA DVC Level 1

**Who could tell me more?**

Mrs Rehu, Mr Gray

**This course is assessed using:**



Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

- Product and Environmental design, exploring these possible areas:
- simple architectural and furniture design problems
- children's furniture and play items
- improvements to the local environment
- simple structures for play, shelter, garden, and pets
- Architectural design, including foundation skills to design buildings and structures. Incorporates aspects of industrial design.

**What are the course enhancement costs?**

\$60 which includes take home components as developed and used in class from school provided DVC resources

**This course leads to:**

NCEA Level 3 DVC

AS	Domain	Title	Credits	Internal or External
AS91337	Design and Visual Communication	Use visual communication techniques to generate design ideas.	3	E
AS91338	Design and Visual Communication	Produce working drawings to communicate technical details of a design.	4	E
AS91340	Design and Visual Communication	Use the characteristics of a design movement or era to inform own design ideas	4	I
AS91341	Design and Visual Communication	Develop a spatial design through graphics practice.	6	I
AS91342	Design and Visual Communication	Develop a product design through graphics practice.	6	
<b>AS = Achievement Standard</b>				
<b>This is only an indication of the assessments that may be covered in the course. Final details will be given at the beginning of 2019.</b>				

**Note:** Students can choose standards up to 18 credits maximum. 1 external standard must be included.

## Technology – 12 Food and Hospitality (includes Food Technology option) NCEA Level 2

**Prerequisite (What should I have already done?)** A passion for creating food, interest in food service, catering, hospitality, the science behind food and food product development. You should have completed a Technology based subject at Year 10-11 level or having a keen interest in the sciences and a love of designing food.

**Who could tell me more?**

Mrs Rehu – HOD Technology

**This course is assessed using:**



Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

There are two possible career pathways which covers a two year course over years 12 and 13. You may prefer Hospitality on its own OR apply food science knowledge studying Food Technology.

All students must have completed US167 which will be covered in this course.

**Hospitality students** will undertake – Kitchen Hygiene, Art of Coffee and Implement processing of a chosen food product. The processed food product will be promoted on Market day later in the year. This course offers **unit standards** and one internal achievement standard.

**Technology students** will develop a food product for CREST (through the RSNZ and NZIFST) and work alongside an industry mentor. This product will then be used to promote through the Market Day at SMC.

This course offers **achievements standards**.

- Knowledge of how to apply food safety and hygiene procedures – a must when working with food
- Food preparation and presentation techniques used in food production and hospitality – Barista Operations, Customer Service, Food Service, leading to hospitality competition opportunities.
- Develop cookery skills, techniques and processes and apply these to real situations.
- New food product development from ideas, concepts through to development of the food outcome (portfolio development showing the design process and modelling) for a stakeholder

**What are the course enhancement costs?**

\$100.00 includes consumables used in kitchen hygiene, Art of Coffee and Culinary Skills.

Star funding for MIT courses

**This course leads to:**

NCEA Level 3 Food and Hospitality.  
Various food events and the culinary salon competition.

AS	Domain	Title	Credits	Internal or External
<b>Option 1 Hospitality – Unit Standards 23 Credits</b>				
US167	Food Safety	Practice food safety methods in a food business (studied in Food Technology as well)	4	I
US13281 v6	Cookery	Prepare and present basic sandwiches for service	2	
US13283 v5	Cookery	Prepare and present salads for service	2	
US 13285 v5	Food Safety	Handle and maintain knives	2	
US13280 v5	Cookery	Prepare fruit and vegetable cuts	2	

Option 2 Food Technology – Achievement Standards – UE Approved 18 Credits				
AS91357 2.4	Generic Technology	Undertake effective development to make and trial a prototype	6	I
AS91359 2.5	Generic Technology	Demonstrate understanding of the role of material evaluation in product development	4	E
AS91351 2.60	Processing Technologies	Implement advanced procedures to process a food product	4	I
AS = Achievement Standard (Technology) US = Unit Standards (Hospitality)				
<p>This is only an indication of the assessments that may be covered in the course.</p> <p>Final details will be given at the beginning of 2020. You will only be able to take up to 18 credits in 2020 from either Hospitality and/or Food Technology. Hospitality course = 12 Technology Food = 18</p>				



## TECHNOLOGY – FASHION AND DESIGN - FAD

### NCEA Level 2

#### Prerequisite (What should I have already done?)

Textiles Technology Level 1 is an advantage but not a prerequisite. Students need to know how to use a sewing machine, or be prepared to learn. Basic foundation skills will be offered.

It would also be an advantage to have studied in one of the other Technology courses.

#### Who could tell me more?

Mrs Rehu HOD Technology

#### This course is assessed using:



Achievement Standards

#### This course is:



Internally assessed



Externally assessed

#### What will I learn?

- Create a basic block pattern (trouser or skirt) and create own design
- Foundation fashion illustrations
- Use and adapt a commercial pattern, selecting pattern and fabric
- Incorporate applied design into the textile product or garment being created
- How to plan for and construct garments and/or textile product
- Garment/textile product construction skills

*Students will choose AS from the chart below of up to 18-20 credits (including the External)*

#### What are the course enhancement costs?

Classroom Resources / toile materials \$80

Students are to supply own materials (pattern, fabric and notions) for the outcomes they plan to create.

Entry into a Fashion Design competition is compulsory and the payment of an entry fee will be charged at \$40 (if it applies) and may be subsidised at the discretion of the teacher.

#### This course leads to:

NCEA Level 3 Technology – Fashion and Design (13FAD)  
Fashion Competitions  
Fashion training visits  
Textiles design and manufacturing  
Pattern Drafting (Advanced)

AS	Domain	Title	Credits	Internal or External
AS91357 2.4	Generic Technology	Undertake effective development to make and trial a prototype	6	I
AS91345 2.21	Construction & Mechanical Technology	Implement advanced procedures using textile materials to make a specified product with special features.	6	I
AS91350 2.26	Construction & Manufacturing	Make advanced adaptations to a pattern to change the structural and style features of a design.	4	I
AS91359 2.6	Generic Technology	Demonstrate understanding of the role of material evaluation in product development	4	E

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2020. A total of 18 credits will be offered in this course.**

## Secondary School Police Studies Pilot Programme

### NCEA Level 2 and 3

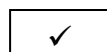
#### Prerequisite (What should I have already done?)

Completed Year 11/12. Completed a career planning interview.

#### Who could tell me more?

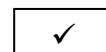
Mrs Rogers HOD of Careers and Mrs Heffernan Deputy Principal

#### This course is assessed using:



Unit Standards

#### This course is:



Internally assessed

#### What will I learn?

The course provides students with an understanding of the knowledge, skills, attributes and attitudes associated with policing in New Zealand.

#### Topics Include:

- The role of Police in contributing to better public services and societal outcomes
- History of police within the community
- Diversity of policing in the community
- Mātauranga Maori and police
- Communication
- Formal and informal interview strategies
- Physical appraisal training and testing
- Leadership in Police
- Emotional Intelligence and policing
- Community work- based experiences

#### What are the course enhancement costs?

Nil

#### This course leads to:

Students will be invited to apply for the New Zealand Police.

#### Current Year 12/13 Police Programme Curriculum

Below is an example of the Secondary School Police Programme for 2019. **Please note, changes may be made to the curriculum for 2020 delivery.**

US	Domain	Title	Credits	Internal or External
4251	Work and Study Skills	Plan a career pathway	3	internal
26971	Community Support Services	Describe factors that contribute to mental health wellbeing and mental health problems	3	internal
1304	Interpersonal Communications	Communicate across cultures	2	internal
1296	Interpersonal Communications	Interview in informal situations	3	internal
1297	Interpersonal Communications	Conduct an interview in a formal situation	5	internal
91501	Physical Education	Demonstrate quality performance of a physical activity in an applied setting	4	Internal
9681	Interpersonal Communications	Contribute within a team or group which has an objective	3	internal
11097	Interpersonal Communications	Listen actively to gain information in an active setting	3	Internal

**This is only an indication of the assessments that may be covered in the course.**

**Final details will be given at the beginning of 2020.**

## Approved subjects for University Entrance

Applicants to New Zealand universities require credits in approved subjects.

\* Only students engaged in learning and achievement derived from *Te Marautanga o Aotearoa* are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Approved Subject	Achievement Standards
Accounting	91404, 91405, 91406, 91407, 91408, 91409
Agriculture & Horticulture	91528, 91529, 91530, 91531, 91532
Biology	91601, 91602, 91603, 91604, 91605, 91606, 91607, 91818, 91819
Business Studies	91380, 91382, 91384 91379, 91381, 91383, 91385, 91869, 91870, 91871
Calculus	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587
Chemistry	91387, 91388, 91389, 91390, 91391, 91392, 91393
Chinese	91533, 91534, 91535, 91536, 91537
Classical Studies	91394, 91395, 91396, 91397, 91398
Construction and Mechanical Technologies	91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91643, 91644 (Processing Technologies), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau), and <b>91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)</b>
Cook Islands Maori	91538, 91539, 91540, 91541, 91542
Dance	91588, 91589, 91590, 91591, 91592, 91593, 91594, 91595, 91850, 91851, 91852, 91853, 91854
Design (Practical Art)	91440, 91445, 91450, 91455, and 91460, 91855, 91856, 91857, 91858, 91859
Design and Visual Communication	91627, 91628, 91629, 91630, 91631 (DVC), and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech) and 91643, 91644 (Processing Tech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836,

Approved Subject	Achievement Standards
	91837, 91838 (Hangarau), and <b>91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)</b>
<b>Digital Technologies and Hangarau Matihiko</b>	91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91627, 91628, 91629, 91630, 91631 (DVC) and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT) and 91643, 91644 (Processing Tech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau), and <b>91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)</b>
Drama	91512, 91513, 91514, 91515, 91516, 91517, 91518, 91519, 91520, 91850, 91851, 91852, 91853, 91854
Earth and Space Science	91410, 91411, 91412, 91413, 91414, 91415
Economics	91399, 91400, 91401, 91402, 91403, 91829
Education for Sustainability	90828, 90831, 90832, 91735, 91736, 91813, 91814, 91820, 91827, 91831
English	91472, 91473, 91474, 91475, 91476, 91477, 91478, 91479, 91480
French	91543, 91544, 91545, 91546, 91547
Geography	91426, 91427, 91428, 91429, 91430, 91431, 91432, 91433
German	91548, 91549, 91550, 91551, 91552
Hangarau	See Hangarau/Technology below
Hauora*	91461, 91462, 91463, 91464, 91465 (Health Education), 91466, 91467, 91468, 91469, 91470, 91471 (Home Economics), and 91498, 91499, 91500, 91501, 91502, 91503, 91504, 91505, 91789 (Physical Education), 91811, 91812, 91813, 91814, 91815, 91816 (Hauora)
Health Education	91461, 91462, 91463, 91464, 91465, 91811, 91815, 91816
History	91434, 91435, 91436, 91437, 91438, 91439, 91830, 91834, 91835
History of Art	91482, 91483, 91484, 91485, 91488, 91486, 91487, 91489, 91855, 91856, 91857, 91858, 91859
Home Economics	91466, 91467, 91468, 91469, 91470, 91471
Indonesian	91645, 91646, 91647, 91648, 91649
Japanese	91553, 91554, 91555, 91556, 91557
Korean	91558, 91559, 91560, 91561, 91562
Latin	91506, 91507, 91508, 91509, 91510, 91511
Mathematics/Pāngarau	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587 and 91580, 91581, 91582, 91583, 91584, 91585, 91586

<b>Approved Subject</b>	<b>Achievement Standards</b>
Media Studies	91490, 91491, 91492, 91493, 91494, 91495, 91496, 91497
Music Studies	91417, 91418, 91419, 91421, 91424, 91416, 91420, 91422, 91423, 91425, 91849, 91860, 91861, 91862, 91863, 91864
<b>New Zealand Sign Language</b>	<b>91822, 91823, 91824, 91825</b>
Ngā Mahi a te Rēhia*	91850, 91851, 91852, 91853, 91854 (Ngā Mahi a te Rēhia), 91588, 91589, 91590, 91591, 91592, 91593, 91594, 91595 (Dance), 91512, 91513, 91514, 91515, 91516, 91517, 91518, 91519, 91520 (Drama), 91417, 91418, 91419 (Music Studies)
Ngā Toi*	91850, 91851, 91852, 91853, 91854 (Ngā Mahi a te Rēhia); 91855, 91856, 91857, 91858, 91859 (Ngā Toi Ataata); 91860, 91861, 91862, 91863, 91864 (Ngā Toi Puoro)
Ngā Toi Ataata*	91855, 91856, 91857, 91858, 91859 (Ngā Toi Ataata), 91482, 91483, 91484, 91485, 91488 (History of Art), 91440, 91445, 91450, 91455 (Visual Arts Design), 91441, 91446, 91451, 91456 (Painting), 91442, 91447, 91452, 91457 (Photography), 91443, 91448, 91453, 91458 (Printmaking), 91444, 91449, 91454, 91459 (Sculpture), and 91460 (Visual Arts), 91490, 91494, 91495 (Media Studies)
Ngā Toi Puoro*	91860, 91861, 91862, 91863, 91864 Ngā Toi Puoro (Music), 91512, 91513 (Drama), 91417, 91418, 91419, 91421, 91424 (Music Studies)
Pāngarau	See Mathematics/Pāngarau above
Painting (Practical Art)	91441, 91446, 91451, 91456, and 91460, 91855, 91856, 91857, 91858, 91859
Photography (Practical Art)	91442, 91447, 91452, 91457 and 91460, 91855, 91856, 91857, 91858, 91859
Physical Education	91498, 91499, 91500, 91501, 91502, 91503, 91504, 91505, 91789, 91812
Physics	91521, 91522, 91523, 91524, 91525, 91526, 91527
Printmaking (Practical Art)	91443, 91448, 91453, 91458, and 91460, 91855, 91856, 91857, 91858, 91859
Processing Technologies	91643, 91644 (Processing Tech), and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau), and <b>91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)</b>

Approved Subject	Achievement Standards
<b>Psychology</b>	<b>91872, 91873, 91874, 91875, 91876</b>
Pūtaiao	See Science/Pūtaiao below
Science/Pūtaiao	91601, 91602, 91603, 91604, 91605, 91606, 91607 (Biology), and 91387, 91388, 91389, 91390, 91391, 91392, 91393 (Chemistry), and 91410, 91411, 91412, 91413, 91414, 91415 (Earth and Space Science), and 90828, 90831, 90832, 91735, 91736 (Education for Sustainability), and 91521, 91522, 91523, 91524, 91525, 91526, 91527 (Physics), and 91818, 91819, 91820, 91821 (Pūtaiao)
Religious Studies	90825, 90826, 90827, 91725
Samoan	91563, 91564, 91565, 91566, 91567
Sculpture (Practical Art)	91444, 91449, 91454, 91459, and 91460, 91855, 91856, 91857, 91858, 91859
Social Studies	91596, 91597, 91598, 91599, 91600, 91826, 91828, 91832, 91833, 91834, 91835
Spanish	91568, 91569, 91570, 91571, 91572
Statistics	91580, 91581, 91582, 91583, 91584, 91585, 91586
Technology/Hangarau	91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91643, 91644 (Processing Tech), 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau), and <b>91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)</b>
Te Reo Māori	91650, 91651, 91652, 91653, 91654
Te Reo Rangatira	91803, 91804, 91805, 91806, 91807, 91808, 91809, 91810, 91817
Tikanga ā-lwi*	91826, 91827, 91828, 91829, 91830, 91831, 91832, 91833, 91834, 91835
Tongan	91679, 91680, 91681, 91682, 91683

The two new subjects (New Zealand Sign Language and Psychology) and their associated standards shown in bold were added to the Approved Subjects list as of 1 April 2019. One name change (Digital Technologies and Hangarau Matihiko) and its associated 10 new standards are shown in bold, and were added to the list as of 7 June 2019.

See [expired approved subjects](#) for the approved subjects prior to 2014.



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